

Fir and Larch in waste lands may also now be proceeded with. These are best and cheapest done by notching; but on soft grassy patches, which are common in such places, a larger class of plants should be selected and planted by pitting, as the grass being so much denser than the heather the plants get choked before their tops grow above it. Keep culverts and ditches clear of falling leaves and branches. In my last communication, p. 1472, 15 lines from the top, for want of a stop one sentence is made to run into the other, which renders both unmeaning. It should read thus:—On ground which cannot be made sufficiently dry by drainage for a more valuable class of trees, plant the different sorts of Poplars, Alders, and Willows. *J. Webster.*

Miscellaneous.

WHIPP AND MELLOR'S PATENT GLASS CUTTER. —A correspondent calls our attention to the merits of this useful little instrument, which is a substitute for a glazier's diamond, and, we think, one well worth notice. Many gardeners are compelled, from various causes, to do their own glazing, and to them the cost of a glazier's diamond is a consideration of some moment. Here, then, is a substitute that will answer every purpose, at about one-fourth of the cost of a good diamond; and it has, moreover, the advantage of being less liable to get out of order. With it the most inexperienced person can cut any kind of sheet, crown or plate glass, no matter what the thickness, in straight lines or in curves, to any size and pattern. The tool consists of a stem or handle, in which is mounted a small revolving steel cutter, especially prepared and hardened, which cuts or fractures the glass as it rolls over its surface. The instrument is very simple in construction, not liable to get out of order, and can be used by the merest novice. It is, therefore, invaluable to the unskilled in glazing, as, owing to the revolving motion of the cutter in this little tool, the work is accomplished with ease and certainty; and even cross-cutting, which would seriously damage a glazier's diamond, is unattended with any risk to the instrument. It can be made equal to new for about sixpence; and they are sold by Mr. William Ramsey, 83 and 84, Farringdon Street, London, E.C.



FIG. 311.

Notices to Correspondents.

AMERICAN OAKS.—Have any of these been observed to bear fruit in this country?  
 CYCLAMENS: *J. Crook.* All depends upon the treatment they receive. If it is favourable to their making a good growth they should make nice little flowering plants in twelve months, and first-rate stuff in two years. Cyclamens require an intermediate temperature, and should always, if possible, be grown in a pit by themselves. They should also never be potted until the leaves begin to grow.  
 EXCHANGE.—Mr. Darwin is desirous of procuring a plant of *Neptunia oleracea*, for which he would be willing to offer other plants in exchange. We have not observed the plant in any trade list.  
 FUNGI: *M. P.* Both the Starry Puff-balls belong to the same species, and come under *Geaster fimbriatus*.  
 GRAPES AND PINES: *J. Juvenile.* 1, 45° to 50°; 2, D. Thomson's *Treatise on the Pine* (Blackwood).  
 GRAPES: *F. Morgan.* Your Grape is the Hubshee, a variety introduced by Colonel Sykes from the Deccan, India, and distributed by the Horticultural Society many years ago. The berries are of a peculiar elongated truncated form, fleshy, but sweet and pleasant. It is named Hubshee by the Mahrattas from a supposed analogy in its blackness and square robust figure to the Hubshees or natives of Abyssinia. It is often called in this country the Cow's-teat.—*The Rev. J. L. H. Southcomb.* The Royal Muscadine is no doubt the best Grape for outdoor culture, and the Black Hamburgh may be noted as the second best. In your latitude (Devon) it would no doubt do well. To make a good Vine border excavate to a depth of 3 feet, then put in 1 foot of broken brick rubbish and 2 feet of soil; but far less than this will do for an outdoor Vine. For a single Vine we should prepare a space of, say 10 feet by 10 feet, and afterwards extending as required.  
 LARDIZABALA BITERNATA: *T. B.* This plant is figured and described in the *Botanical Magazine*, tab. 4501; and in the *Belgique Horticole*, vol. iii., p. 339; see also p. 660, part ii., of the *Treasury of Botany*, and p. 206 of the English edition of Le Maout and Decaisne's *Descriptive and Analytical Botany*.  
 NAMES OF FRUITS: *J. C.* The fruit sent was much over-ripe, several of the examples being quite rotten and smashed. No. 1, Glou Morceau; 2, Althorp Crassane; 3, Crassane; 4, Knight's Monarch; 7, Beurré de Capiaumont.—*Henricus.* Pears: 1, Chaumontelle; 2, 6, Passe Colmar; 3, Autumn Colmar; 4, Ne Plus Meuris; 5, quite rotten; 7, Forelle, very pale; 8, Josephine de Malines, very early fruit; 9, Althorp Crassane; 10, Old Crassane; others unknown. Apples: 2, Cellini; 4, Downton Pippin; 7, Beauty of Kent; 12, Dumelow's Seedling; the others we do not recognise.—*George Wood.* Your Grape, the leaves of which you have forwarded, we have compared with the Black Hamburgh, and have no hesitation in saying that it is that variety.

NAMES OF PLANTS: *An Old Sub.* We cannot name such scraps.—*H. W. C.* Neither of the specimens belong to the genus *Phormium*, but are, probably, *Dianellas*; the serrated one may be *Dianella ensifolia*; L., but without flowers it is impossible to tell.—*Anglo-Hibernian.* 1, 2, and 3 are varieties of *Erica vagrans*; 4, is a variety of *Calluna vulgaris*, L.—*J. H. M.* 7, *Cheilanthes elegans*; 8, *Pleopeltis pustulata*; 9, *Davallia bullata*; 10, *Acrophorus hispidus* (*Davallia novæ-zelandiæ*); 11, *Niphobolus Lingua*; 12, *Platyloma rotundifolium*.—*J. Bryan.* *Echeveria fulgens*.

ORCHARD HOUSES: *Pelargonium.* You may try early Potatos. Have them planted now. Then plant over them with Lettuces, or sow Radishes or other early salads. Neither will require an extraordinary amount of care. The chief thing will be attention, to give plenty of air in fine weather, and guard against damp.

SELECTION OF PEARS: *H. D. Kirby.* Williams' Bon Chrétien, Hessel, Jersey Gratioli, Beurré d'Amanlis, Flemish Beauty, Suffolk Thorn, Fondante d'Automne, Comte de Lamy, Louise Bonne de Jersey, Seckle, Thompson's, Beurré Superfin, Beurré Bosc, Beurré Hardy, Maréchal de la Cour, Doyenné du Comice, Marie Louise d'Uccle, Beurré Capiaumont, Ne Plus Meuris, Beurré Diel. These, including four of those you have already, viz., Doyenné d'Été, Jargonelle, Marie Louise, Glou Morceau, make 24 good varieties.

SITUATION IN A WARM CLIMATE: *Constant Reader.* You must be more precise in your inquiry. To the second question, Yes, especially in India.

VINES IN CONSERVATORY: *Brighton.* We would recommend you to prune your Vines at once (i.e., if they are quite ripe). Keep the house rather cool for a week or so afterwards. Then you may use the house as you propose. We do not anticipate that they will get much excited by the little extra warmth until near the usual season of budding. When they do show signs, you must, of course, pay proper attention to them.

COMMUNICATIONS RECEIVED.—E. M. (thanks).—R. P. B.—J. C. N.—E. G. H.—P. F.—E. H.—W. W.—A. F.—D. D.—W. H.—W. B. (your Muscat berries were smashed in transit).—H. K.—R. G.—C. B. & Co.—R. C.—C. O.—H. C.—E. F.—G. J.

Markets.

COVENT GARDEN.—Nov. 14.

Business transactions moderate; the supply, however, is well kept up, both of indoor and outdoor produce, and prices remain almost stationary. Importations are heavy, and among them some well-grown Cayenne Pines from St. Michael's, ranging from 2½ lb. to 5 lb. each; they do not, however, command so good a price as usual, in consequence of so many home-grown being in the market.

FRUIT.			
s. d. s. d.	s. d. s. d.		
Apples, p. ½ sieve ..	1 0 to 1 6	Melons, each ..	2 0 to 6 0
Apricots, p. doz. ..	— —	Nuts, Cob, p. lb. ..	— — 1 6
Chestnuts, p. bush. 100	0—20 0	Oranges, p. 100 ..	8 0—16 0
Gooseberries, p. bush. ..	— —	Peaches, p. doz. ..	4 0—12 0
Grapes, per lb. ..	1 0—5 0	Pine-apples, per lb. ..	3 0—6 0
Lemons, per 100 ..	8 0—16 0	Walnuts, p. bush. ..	20 0— —

VEGETABLES.			
s. d. s. d.	s. d. s. d.		
Artichokes, green, ea.	0 3 to 0 6	Leeks, per bunch ..	0 2 to 0 4
Beet, per doz. ..	1 0—3 0	Lettuces, per score ..	1 0—2 0
Broccoli, brown, bun.	1 3—1 6	Mushrooms, p. pott.	1 0—2 0
Brussels Sprouts, per bush. ..	7 0— —	Onions, per bunch ..	— 0—6
Cabbages, per doz. ..	1 3—2 0	Parsley, p. bunch ..	0 4—0 6
Carrots, p. bunch ..	0 6—0 9	Radishes, p. bunch ..	0 2—0 4
Cauliflowers, p. doz.	2 0—6 0	— black Turnip, do. ..	— 0—6
Celery, per bundle ..	1 0—2 0	Shallots, per lb. ..	0 6— —
Cucumbers, each ..	0 3—1 0	Salsify, p. bundle ..	0 6—1 0
Endive, per doz. ..	1 0—2 0	Seakale, p. pun. ..	2 0—3 0
Herbs, per bunch ..	0 2—0 4	Spinach, per bush. ..	2 0— —
Horse Radish, p. bun.	3 0—5 0	Tomatoes, per doz. ..	1 0—2 0
		Turnips, p. bun. ..	0 4—0 6

Potatos—Early Shaws, 80s. to 90s. per ton; Early Myatts, 120s. to 140s. do.; Early Regents, 100s. to 120s. do.; Early Dons, 120s. to 140s. do.

CUT FLOWERS.			
s. d. s. d.	s. d. s. d.		
Carnations, per doz.	2 0 to 3 0	Mignonette, 12 bun.	1 6 to 3 0
Chrysanthemums, 12 large blooms	1 6—6 0	Pelargoniums, Zonal, p. 12 sprays ..	0 4 to 0 9
— p. doz. bunches	4 0—9 0	Roses, indoor, p. doz.	2 0—6 0
Epiphyllum, 12 blooms	5 0—2 0	— outdoor, do. ..	1 0—1 6
Gardenias, p. doz. ..	4 0—7 0	Stephanotis, 12 sprays	6 0—8 0
Heliotropes, p. doz. sprays ..	— — 0 6	Violets, p. 12 bunch.	1 0—2 0

PLANTS IN POTS.			
s. d. s. d.	s. a. s. d.		
Begonias p. doz.	6 0 to 12 0	Fuchsias .. do.	4 0 to 12 0
Bouvardia .. do.	9 0—18 0	Heaths, in variety .. p. doz.	12 0—30 0
Chrysanthemums, do.	4 0—12 0	Mignonette .. do.	4 0—6 0
Cyclamen .. do.	12 0—18 0	Myrtles .. do.	3 0—9 0
Cyperus .. do.	6 0—12 0	Primula sinensis, do.	4 0—6 0
Dracæna terminalis do.	12 0—30 0	Scarlet Pelargoniums .. do.	4 0—9 0
„ viridis .. do.	12 0—24 0	Solanum capsicastrum .. do.	9 0—18 0
Double Pelargoniums .. do.	4 0—8 0		

Horticultural Valuations.

MR. EDWIN COOLING, LICENSED VALUER, undertakes the VALUATION of all kinds of HORTICULTURAL PROPERTY, including Stove and Greenhouse Plants, Trees and Shrubs, Growing Crops, all kinds of Horticultural Erections, Nursery Stock, &c. Terms on application. Mile Ash Nurseries, Derby.

Important to Gentlemen's Gardeners and Others. TO BE SOLD, the LEASE and GOODWILL of the BRUNSWICK NURSERY, Stoke Newington, London. Established over 50 years. There are between 6000 and 7000 feet of Glass, Commodious Seed Shop, Counting-house, Sheds, &c. The Greenhouses are all Heated with Hot Water; there is, perhaps, the finest Collection of Chrysanthemums in the Country, more especially Specimens intended for Exhibition. The Stock to be taken at Valuation. The Nursery facing the highroad, offers a fine opportunity for a First-class Jobbing Trade. An Eight-roomed House, with entrance to Nursery, can also be had. The Proprietor is disposing of this Business on account of impaired health. For further particulars, apply to J. G. SHEARMAN, Esq., Solicitor, 10, Gresham Street, City, E.C.

FOR IMMEDIATE SALE, by Private Contract, in consequence of serious illness of Proprietor, the LEASE (36 years) and GOODWILL, Show and other Glass Houses, Erections, Pits, Frames, Tanks, &c.; Stock in Trade of a varied description—Chrysanthemums, Lilliums, English Show Tulips, Ferns, Geraniums, Palms, Cacti, Agapanthus, &c., of THE NURSERY, WILLIAM STREET, New North Road, Islington. For further particulars apply to Mr. ROE, on the Premises.

SALES BY AUCTION.

Leytonstone. HIGHLY IMPORTANT SALE OF VALUABLE NURSERY STOCK.

MESSRS. PROTHEROE AND MORRIS will SELL by AUCTION, on the Premises, the Fillebrook Estate Nursery, adjoining Leytonstone Station, on the Woodford Line (Great Eastern Railway), on MONDAY, November 17, and two following days, at 11 for 12 o'clock precisely each day, part of the ground being required for other purposes, a large portion of the Valuable NURSERY STOCK, consisting of a splendid variety of Coniferæ and Evergreen Shrubs of various sizes, and including many magnificent specimens adapted for immediate effect, the whole of which, having been recently transplanted, will remove safely; also about 15,000 Ornamental and Forest Trees, 10 to 15 feet; Deciduous Shrubs, thousands of selected Fruit Trees; Hardy American Plants—viz., choice Scarlet and other Rhododendrons, Kalmias, Azaleas, *Andromeda floribunda*, &c.; together with a splendid assortment of Standard, Dwarf and Climbing Roses, of fine growth, and embracing all the leading varieties in cultivation, &c.

May be viewed prior to the Sale. Catalogues may be had on the Premises, and of the Auctioneers and Valuers, Estate Offices, Leytonstone, Essex, E.

Finchley, N. HIGHLY IMPORTANT SALE OF VALUABLE EXTRA NURSERY STOCK.

MESSRS. PROTHEROE AND MORRIS are instructed by Messrs. W. Cutbush & Son to SELL by AUCTION, on the Premises, the Finchley Nurseries, Long Lane, near the Finchley Station on the Great Northern Railway, on THURSDAY and FRIDAY, November 20 and 21, at 12 o'clock precisely each day, many thousands of fine EVERGREEN and CONIFERÆ SHRUBS, including many handsome specimens, also a large quantity of fine Common Laurels, 3 to 8 feet, bushy; Standard Portugal Laurels, English Yews, Arbor-vitæ sorts, &c.; Ornamental and Forest Trees, 8 to 10 feet, viz., fine Limes, Chestnuts, Sycamore, Laburnums, &c.; selected Fruit Trees of sorts, Dwarf Roses in choice variety, &c.

May be viewed one week prior to the Sale. Catalogues may be had on the Premises, at Messrs. CUTBUSH'S Highgate Nursery, and of the Auctioneers and Valuers, Leytonstone, Essex, E.

Lewisham.—Eastdown Nursery.

MESSRS. PROTHEROE AND MORRIS are instructed by Mr. B. Maller to SELL by AUCTION, without reserve, on the Premises, the Eastdown Nursery, Lewisham, ten minutes' walk from Lewisham Junction and Ladywell Stations, Mid-Kent Line, on FRIDAY, November 28, at 11 for 12 o'clock precisely, a large quantity of valuable NURSERY STOCK, including several thousands of Evergreen and Coniferæ Shrubs, fine Ornamental and Forest Trees, selected Fruit Trees, 2000 Standard and Dwarf Roses in the leading varieties, 500 Raspberries, 200 Thorns, 100 Double Furze, together with some hardy Climbing Plants, in pots, &c.

May be viewed one week prior to the Sale. Catalogues may be had on the Premises, and of the Auctioneers and Valuers, Leytonstone, Essex, E.

Standard Roses, Hardy Shrubs, Dutch Bulbs, &c.

MR. J. C. STEVENS will SELL by AUCTION, at his Great Rooms, 38, King Street, Covent Garden, W.C., on WEDNESDAY, November 19, at half-past 12 o'clock precisely, first-class Standard ROSES, Hardy and Ornamental TREES and SHRUBS, from several well-known English Growers; and a Consignment of choice Double and Single HYACINTHS, TULIPS, CROCUSES, NARCISSUS, IRIS, ANEMONES, GLADIOLI, LILIUMS, and other BULBS, just arrived from well-known farms in Holland.

On view the morning of Sale, and Catalogues had.

Imported Orchids, Tree Ferns, Camellias, Azaleas, STOVE and GREENHOUSE PLANTS, &c.

MR. J. C. STEVENS will SELL by AUCTION, at his Great Rooms, 38, King Street, Covent Garden, W.C., on FRIDAY, NOVEMBER 21, at half-past 12 o'clock precisely, a COLLECTION of ORCHIDS, containing many rare and beautiful kinds: all of them are in excellent condition, and offer unusual advantages to amateur beginners. An importation of Orchids from New Grenada, partially established and in splendid condition; they include many rare and new species, such as *Odontoglossum vexillarium*, *O. miniatum*, *O. angustatum*, &c. An importation of TREE FERNS, consisting of *Cyathea dealbata*, *Alsophila australis*, *Dicksonia antarctica*, *D. squarrosa*, *Cyathea Smithii*, *Todea superba*, *T. hymenophylloides*, *T. intermedia*, *Lomaria species*. Established Ferns, viz.:—*Platycerium grande*, *Lomaria gibba*, *Adiantum farleyense*, &c. A collection of Stove and Greenhouse Plants, Specimen Camellias and Azaleas, &c., in splendid condition.

On view the morning of Sale, and Catalogues had.

Without Reserve.—Brox Nursery, Chertsey, Surrey.

TO GENTLEMEN, NURSERYMEN, and OTHERS.

IMPORTANT SALE OF VALUABLE NURSERY STOCK.

MESSRS. WATERER AND SONS have been instructed by Messrs. Gray & Son to SELL by AUCTION, upon the Premises, on TUESDAY, November 18, and following days, at 12 o'clock precisely (the Lease expiring in March next), the whole of the valuable NURSERY STOCK upon the Parish land adjoining the Chertsey Union, part of the Brox Nursery, within 1½ mile of the Chertsey and Woking Stations, comprising 5000 Standard and Dwarf Roses, including all the choicest varieties known, old and new; 20,000 Hollies, 1 to 3 feet; 5000 Pinus Laricio, 1 to 2 feet; 15,000 Pinus austriaca, 1 to 3 feet; 4000 Cedrus Deodara, and Cedrus atlantica, of sizes; 15,000 Rhododendrons, 1 to 3 feet; 4000 Cupressus Lawsoniana, 1 to 2 feet; 1000 variegated Hollies, 20,000 Yews, 9 to 24 inches; 10,000 Berberis Darwinii, 2 feet; 3000 Fruit Trees—fine Standards, Pyramids, and Espaliers of the most popular kinds; 5000 Limes, 1 to 5 feet; 85,000 Forest Trees, 1 to 3 feet, consisting of Spruce, Larch, and Scotch Firs, Elm, Hornbeam, Hazel, Birch, Spanish Chestnuts, Sycamore, Mountain Ash, Acer, &c.; 30,000 strong Quick, 500 Purple Beech, 2 to 4 feet; also quantities of Acacia, of sorts; Laburnum, Horse Chestnuts, Arbor-vitæ, several kinds of Arcauria, Wellingtonias, choice Piceas, Pinus insignis, Arbutus, Thuja aurea and gigantea, Thujaopsis, Privets, Hemlock, Spruce, Pampas-grass, Thuja Lobbi, 4000 Common and Portugal Laurels, 2 to 5 feet; and a great variety of other Stock.

The Auctioneers can confidently recommend this Stock, the whole having been removed within two years, and therefore in a perfectly safe condition for transplanting.

Purchasers will be allowed until March 1, 1874, for clearing. May be viewed one week previous to the Sale, and Catalogues had upon the Premises, at the principal Inns in the neighbourhood, and of Messrs. WATERER AND SONS, Auctioneers, Chertsey, Surrey, who will forward them on application by post.

There is direct railway communication from Chertsey and Woking Stations to all parts of the Kingdom.

Second Poultry Sale of the Season, at Lucas's, REPOSITORY, LIVERPOOL.

MESSRS. LUCAS AND CO. will SELL by AUCTION, on FRIDAY, December 5, at 11 o'clock prompt, at their Repository, Liverpool, Three Hundred Lots of choice POULTRY and PIGEONS. Entrance Fee 1s per Pen. Commission on Sale 10 per cent. ENTRANCE CLOSES on MONDAY, December 1, or as soon as 300 Lots are entered. No more than 300 Lots offered. All Birds must be at the repository by Thursday evening, or before 9 o'clock on Friday morning. NOTE.—Three Birds in each Pen, except of great merit. Pigeons in pairs.