&c., so that any person who cultivates this plant for | to try the following plan. I rolled up thin paper into | my seedlings by careful hybridisation, and all that is lawns in their winter gardens.

Home Correspondence.

Correa Latrobeana (see p. 733).—The proper name of this plant is C. Lawrenciana, Hook. It has had one or two other aliases, and has been figured under Plantarum," tab. 3; also in Maund's "Botanist," tab. 124. It differs from C. speciosa in its larger size, and in the circumstance that its filaments are all equal and not dilated. The plant seems to vary very much in size, and has had a different name to fit each

gradation. P. Mrs. Pollock—a Seedling.—Doubtless my friend and neighbour Mr. Grieve, of Culford Hall, the talented hybridiser and successful raiser of Mrs. Pollock, Italia Unita, Mrs. Benyon, Lucy Grieve, Lady Cullum, and many other fine varieties of Pelargonium, will inform you that Mrs. Pollock is a seedling. That need not, however, prevent me from confirming the fact. Mrs. Pollock came variegated from the first, and has always been the beautiful thing she is now. Although she is therefore no sport formed in the way of variegation, yet, singularly enough, a plant of her sported with me and increase the green stock, and see what comes of it. It certainly points to mixed blood somewhere; and Mr. Grieve will probably tell you that he generally uses one plain-leaved parent. One can readily pollen" is doubtless unmixed nonsense. However, had better "ca canny," as I don't profess to be an authority on this matter. Speaking of mixed blood reminds me of a very singular feature of Stella. his Nosegay line, and I certainly never saw one at Surbiton. Yet I have not grown Stella through a plants a good variegation, and I hear the same of it from other places. Generally these sports are good of mine has a tinge of gold in it. By the way, I am not at all sure whether Henderson's Variegated Stella alive to give us the pedigree of Stella. Can any one throw any light upon it? It would be a singular physiological fact if with plain-leaved ancestors on both sides it should manifest such persistent tendencies better; for, after trying every Nosegay, I still think Stella beats them all. D. T. Fish, Hardwicke Gardens, Bury St. Edmunds, Aug. 6.

Moles.—Can any of your readers inform me whether moles eat wire-worms? I don't think they do, as I have never found one in their stomachs, and think them rather too hard and dry for their somewhat delicate palate. Facts establishing or disproving the point will

much oblige. Enquirer.

who will be so kind as to look at his flowers of this one has flowers in either of these latter states, that is out with others who have grown it in different soils. still be seen as a thatch upon the roofs of cottages. long-styled or mid-styled, I should be grateful if he | Henry Doubleday, Epping. would send me a few rather young flowers wrapped up

Darwin, Down, Bromley, Kent.

remarked to me that with the exception of Erythrina easier than that of ragusina. It strikes freely, and may no hybrids had been made in this great family. Gartner crossed 36 flowers of different varieties of the common Pea, and he did not get a single pod perfectly in smallish sized pots. In this state I have seen it as during violent exertion better than the underground developed and with the full complement of seed; he crossed 10 flowers of Kidney Beans, and did not get a single pod. Some years ago I crossed the varieties of 2d inst. several excellent dishes of Mulberries in the Sweet Pea, and many more flowers dropped off Charterhouse Garden, which is situated in the very of pollen. To show the difficulty of fertilising papiliona- or other extra care. H. Hammerton, Charterhouse. ceous flowers, I may mention that I lately removed all

20 years will get enough to stock several acres of land. a cylinder, rather thinner than a knitting needle. I necessary is to watch till the pollen and stigma are in a We leave to the amateurs of flowers the task of then tied a thread tight round, and cut off the cylinder fit state; that is, the latter must be perfect, fresh, and verifying our assertions, and the enjoyment of flower | beneath the thread, so that a little pipe closed at one | open, well-developed, and kept free from insects, and end or cap, about the fifth of an inch in length, was the former must be bright, clear, just burst, and from a left. This was easily filled with pollen from the keel- | well-defined and perfect anther. Under these circumby being tied with a thread. I then castrated cannot be done without watching), and have seen four flower-buds of the Sweet Pea, and placed on the effect upon the flower. In the Pelargonium it will the young stigmas caps filled with pollen from occasionally droop its head; in the Hollyhock, after the name of C. ferruginea in Hooker's "Icones another variety, and four fine pods were soon formed. impregnation, the sepals will gradually fade, and of Lupins with pollen from distinct plants of the same | speak of 'mixed pollen' in fertilising; it cannot bespecies, but from these I have got only four pods. I one application either by artificial or natural means is may add, that as an experiment I filled one of the all that one stigma can receive. Hence the inapprolittle caps with pollen of Lathyrus grandiflorus and priateness of the cause of variation, or rather coloraplaced it on the stigma of a Sweet Pea (Lathyrus tion, suggested by Mr. Wills. I find on referring odoratus), and to my great surprise, considering how to my notes that Senior Wrangler is no sport. distinct these species are, a fine pod has been formed. It sprung up with variegated cotyledons, and flower of the Sweet Pea, as the anthers were removed Woodwardianum; while to other sources I can directly whilst quite immature; and if these hybrid seeds refer other seedlings of distinct coloration. Might not grow, a curious hybrid will be produced. I should not these many-coloured Pelargoniums with propriety be have thought this plan of fertilising papilionaceous defined as 'Zonal Versicolors?' They are certainly in all cases in which early castration is necessary, and many instances five, distinct colours. I would retain likewise in certain cases mentioned by Gärtner, in the term 'Zonal Tricolor,' and for this class would bring which the stigma requires, or is benefited by, successive in foliage of a different style of marking. For instance, I last season quite back to a green. There is not an applications of pollen. In all such cases some trouble have now specimens possessing leaves of a yellow or a atom of variegation about it, and Mr. Grieve says that | would be saved and certainty gained by the use of the | very light green centre, surrounded by a zone of most likely there never will be again. I mean to keep little caps filled with the desired kind of pollen. crimson, brown, &c., and then a margin of much darker Charles Darwin, Down, Bromley, Kent.

subject, I may mention that I have the same thing to bouquet of Senior Wrangler foliage." was a sport or a seedling. I wish good old Donald was complain of as many other gardeners—the failure of many of my bedding Verbenas. I do not think that British Ferns none are so well known as the common frost has anything to do directly with the malady, as some that were planted out late, and had no frost, failed, as well as those planted out early. Purple King | economic point of view. This Brake, though not used to assume a bi- or tri-coloured garb. One thing at suffered more than any of the others. Some sorts are at the present day to the extent it was formerly, is least is certain—the more Stellas of every colour the more delicate than others. Some of the old scarlet nevertheless much valued in many parts of the country varieties seem to be particularly hardy. The plants of for manuring land. At one time it was much in request Purple King that I put out very late to supply as fodder for cattle, but it is rarely, if ever, now vacancies are now growing pretty freely. I should be employed for that purpose. As a litter for horses, howsorry to see this fine Verbena "go to the wall," as it is ever, the fronds are still much used in neighbourhoods undoubtedly the king of purples. J. Douglas, Kilkea where they abound, and in some districts, in Mon-

from Mr. Underhill, of Birmingham, some plants of the ash, which is moistened sufficiently to enable it his new seedling Strawberry called "The Lady," to be made into balls about the size of a cricket Oxalis Bowei.—I should be much obliged to any one which was very highly spoken of, and said to be a great ball. These are afterwards dried, and are then bearer and first-rate in flavour. The plants did well ready for use for washing all kinds of clothing. Oxalis, and observe where the summits of the branch- and produced a large crop of fruit; but I was quite They fetch in the market from 3s. to 4s. per 100. ing stigmas stand with respect to the two sets of disappointed with it, as it was sickly in colour, and Since the general introduction of soda, however, anthers. In all my plants the stigmas stand close possessed little or no flavour. I am aware that the the demand for them has considerably decreased. beneath the lower anthers; but I have good reason to sudden changes in the weather when the Strawberries | The use of this ash as a substitute for soap is attribelieve that two other forms exist — one with the were ripening were not favourable for them, but other butable to the large amount of potash which it contains; stigmas standing above both sets of anthers, and the varieties were very fine and the flavour excellent. I indeed, it was used at one time for glass making. In other with the stigmas between the two sets. If any should much like to know how "The Lady" turned some parts of Scotland the fronds of the Brake may

Castle, Kildare.

in tin-foil or oil-silk; for I should thus be enabled to is for a variety of purposes, both indoors and out! We and to be highly nutritious. The author of the fertilize my own flowers and obtain seed. Charles have employed it out of doors rather extensively this "Useful Plants of Great Britain," after bearing season, and it has a charming appearance; it is not so testimony to the nutritive properties of these rhizomes, Cross-fertilising Papilionaceous Flowers.—All who white as ragusina, but it is far more graceful, so one gives the following formula for preparing them for use. have tried have found much difficulty in crossing quality is a set-off against the other. Gymnocarpa is They should be first roasted over a fire until the outer papilionaceous flowers. Several years ago, Dr. Herbert easily managed, and a stock of it can be secured much also be raised from seed; it is a most useful plant for like Oat-cake, but with a slight astringency that is not decorative purposes, especially when grown as standards white as the other kind. John Edlington.

Mulberry-growing in London.—I gathered on the remembering by the rambler in uninhabited districts.

the pollen that I could with a soft brush from six recently following suggestions relating to what are now usually them; on being examined it was found that the expanded flowers of Lupinus pilosus protected from called Zonate Tricolor-leaved Pelargoniums, by Mr. roots were completely eaten away by a maggot about the visits of insects, and then applied pollen from a Jabez J. Chater, of Cambridge, who is known as the half an inch in length, with a white and black head. distinct individual of the same species. Although in raiser of some of our choice varieties. The suggestion | Out of the nine plants only three are left, all of which this case there was no operation at an early age, yet for the classification of this and the kindred races look badly; allow me, therefore, to inquire whether or five flowers out of the six dropped off unimpregnated. of Pelargoniums is ingenious, and may prove to be not others have had anything of the sort happen Had these flowers remained untouched, all, judging practically useful. Our correspondent writes:—"These to their plants. The 8-inch pots are all in excellent from the others, probably would have set, and the only plants (the Pelargonium and its varieties) are par- condition, bearing heavy crops, some of the pods are difference would have been that their stigmas would ticularly interesting to me. Besides Senior Wrangler, 34 inches in length; the soil in which these are have been surrounded by a mass of pollen as long as I have some others very beautiful. I am hybridising growing is rather different from that of the Peach border, the flowers continued in bloom. This case is worth and getting new features into both leaf and flower. By- being two parts loam, one leaf-mould, and the fourth mentioning as showing how erroneous the belief is that | the-by, referring to a paper presented to the Botanical | part old Mushroom dung. I may add that I have one fertilisation usually takes place in unopened flowers, in | Congress by Mr. Wills on the sporting of Pelargoniums | plant bearing very light green pods, while the which the pollen is shed at an early age. These trials on and other plants (this word sporting I do not like), I others are all of a purplish colour. James Stewart. the Lupines, and others formerly on Sweet Peas, led me I cannot at all agree with his theory. I have obtained I — I should like much to know the condition in which

petal of any desired variety, and could then be stances apply the pollen, and the work is done. In placed on the pistil and secured below the stigma many, numberless instances I have watched (it I also fertilised eight castrated flowers of two species become marcescent. I think it erroneous in toto to I am certain no pollen could have been left in the proceeded from a zonate variety of good quality called flowers worth mentioning had it not been applicable more than tricolors, possessing at least four, and in green, actually reversing the order of such sorts as Mrs. Verbena officinalis.—I know at least two habitats Pollock; these I hope by-and-by to have fully developed. for this plant in this locality; but it is doubtful Another class, to be simply called 'Zonal,' should comwhether in either of them the plant is truly indi- prise all such as Adonis, Madame Vaucher, and the old understand the mixture of blood, but a "mixture of genous. In one case there is a pretty extensive patch horse-shoe varieties. 'Bicolors' would take up such in a ditch near a cabin; the other case is a number of as Bijou, Golden Chain, and such like. 'Unicolors' plants on the margin of a stream where farmers are in | would be such as the plain-leaved, namely, Tom Thumb, the habit of washing their sheep. Now, the peasants Lady Middleton, &c. There are also plain yellowhere had, if they have not now, a belief that there is a leaved kinds, and perhaps by-and-by there will be I am not aware that the late Donald Beaton ever raised | charm in Vervain to keep away witches. They used | copper or purple-leaved. I have a variety that will, I a variegated Geranium in his life. They were not in to put it over the door for this purpose. It may have think, at some time answer for Perilla, and a yellow been planted at the sheep pool to prevent drowning. leaf for a pure yellow bed, removing the flowers. The peasants know it by its proper English name— Shall we ever attain to a yellow-flowered variety? I single season without getting from one or other of the Vervain. The Verbena was regarded by the ancients anticipate such a result; moreover, I feel satisfied that in a superstitious light, as is evidenced by Pliny and ere long flowers beautifully striped, like a Carnation, other classical writers; and, in fact, the term Verbena was | will be the order of the day—I have some good silver, almost identical with the one sent out by the a generic appellation of all sacred leaves. Shakspeare indications of this. The beauty of the plant would be Messrs. Henderson, of the Wellington Road, but one also mentions Vervain among the many other wild enhanced if a truss of pure white flowers, flaked with flowers with which he was familiar. While on this rose purple or pink, were borne above a glorious

> Economic Value of the Common Brake.—Amongst Brake or Bracken (Pteris aquilina), and this is also the most important of all the British species in an mouthshire for instance, the cottagers collect them The Lady Strawberry.—Last autumn I received during the summer months and burn them, preserving Besides these uses, the creeping underground root or Centaurea gymnocarpa.—What an elegant plant this rhizome is said to contain much starch and mucilage, skin is charred, and then the fibres should be separated by beating; the starchy substance that remains tastes much unpleasant. Few substances will keep off hunger stem of the Brake thus prepared -a fact worth

John R. Jackson. Raphanus caudatus.—I obtained 24 seeds of this new unimpregnated than were fertilised. The difficulty heart of our great metropolis. The trees on which Radish, and I have been successful in raising 17 plants arises from the anthers opening at so early an age that they grew are about 16 years old, and have a very from them. Wishing to give them a trial both indoors they must be removed long before the flower expands. healthy appearance. They have been well thinned, an and out, I selected nine of the strongest, and planted After the operation the immature stigma is liable to operation which I imagine has had the effect of them in a Peach border which was made last winter. exposure to the air; and it is difficult to judge when inducing them to ripen heavier crops this year than The soil was a rich rather sandy loam, to which was to apply the pollen. Moreover there is some reason to formerly. Beyond the thinning, which was un- added some \frac{1}{2}-inch of bones. In this they were planted, suspect that the stigma requires successive applications sparingly done, they have, however, had no mulching and they began to grow very strongly, and continued to do so until they were coming into flower, when suddenly Pelargoniums.—We willingly give publicity to the they began to show signs of something being wrong with