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GARDENERS' CHRONICLE

AND

AGRICULTURAL GAZETTE

FOR

1854.

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LONDON:

PUBLISHED FOR THE PROPRIETORS,
AT 5, UPPER WELLINGTON STREET, COVENT GARDEN.

THE GARDENERS' CHRONICLE AGRICULTURAL GAZETTE.

A Stamped Newspaper of Rural Economy and General News.-The Horticultural Part Edited by Professor Lindley.

No. 9.—1854.]

SATURDAY, MARCH 4.

PRICE 6d.

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ISLE WORTH HORTICULTURAL SOCIETY .-The next Exhibition of the above Society will take place on the 7th September next, when Prizes, open to all England, will be awarded for Flowers, Fruit, and Vegetables.-Further particulars, with Rules and Regulations, may be obtained on application to HICKSON BRIGGS, Hon. Sec.

Holland House, Isleworth, 4th March.

LILIUM LANCIFOLIUM, PELARGONIUMS, RANUNCULUSES, ANEMONES, AND GLADIOLUS. LIENRY GROOM, Clapham Rise, near London, by Appointment FLORIST TO HER MAJESTY THE QUEEN, and to HIS MAJESTY THE KING OF SAXONY, begs to say that his SPRING CATALOGUE is ready, and will be forwarded by post on application.

EXETER NURSERY, EXETER. I UCOMBE, PINCE, AND CO. respectfully beg leave to say that the Plants in their celebrated large Camellia House, and also those in their new Show House, are now Finely in Flower, and are quite nurivalled .- March 4.

THE LAST ADVERTISEMENT THIS SEASON OF CHEAP AND SELECT NURSERY STOCK. THE SUBSCRIBERS beg to refer all who are in-

terested in PLANTING to their advertisement in this Paper of 18th February, page 99. WILLIAM JACKSON & Co., Bedale, Yorkshire.

GAINES begs to announce his List of Dahlias and Pelargoniums for 1854 is now ready. It contains a description of his three Seedling Dahlias to be sent out in May, viz., Alba superba, Primrose Perfection, and King of the Yellows. for cash. Also a Printed List of Fuchsias, Cinerarias, Chrysanthemums, Auriculas, Corræas, Verbenas, Camellias, Azaleas, Rhododendrons, &c., &c., may be had post free on application. Nursery, Surrey Lane, Battersea.

SUPERB DOUBLE HOLLYHOCKS. WILLIAM CHATER has now ready a fine healthy stock of young plants of all the leading sorts. For price and description see General List, which also contains hints on their culture, with observations on the exhibition of Hollyhocks, &c. &c., and may be had by inclosing a postage stamp. Saffron Walden Nursery, March 4.

JUDSON'S RICHMOND VILLA BLACK HAMBURGH VINE. A RTHUR HENDERSON AND CO. have the pleasure of informing their patrons and friends that they have good plants of this valuable and much-esteemed Vine at 5s. each; extra strong plants, 7s. each .- N.B. For full particulars of the distinguishing characteristics of this Vine, we beg to refer our customers to the Gardeners' Chronicle of October 25th, 1851.

HEPATICAS, ETC. begs to offer the following in strong plants, viz .:-HEPATICAS (single blue), 25s. per 100.

DOUBLE WHITE PRIMROSES, 25s. per 100. DOUBLE POLYANTHUS, 25s. per 100. CHEIRANTHUS MARSHALLI, 6s. per doz., in pots.

CHOICE PANSIES to name, 4s. per doz., packing included, and plants added for carriage.

N.B. A remittance or reference from unknown correspondents. Flookersbrook, March 4.

TO POTATO GROWERS. THE Subscribers beg to intimate that, the Seed Potatoes lately advertised by them in the Gardeners' Chronicle are all disposed of, but they have still for Sale a few tons of very superior American Early, of a large size, manured with guano only, and grown on an exposed moorland farm. This is one of the best Potatoes in cultivation. Price 22s, per sack of 2 cwt., including sack and carriage paid to London, Liverpool, and Hull.-W. DRUMMOND & Sons, Seedsmen, Stirling, N.B. This advertisement will not be repeated.

PERMANENT PASTURE. H. SMITHE, of Easting, Lavered to have now prepared to send out his Mixtures of the NATURAL H. SMITHE, of Eastling, Faversham, Kent, is GRASSES, PERENNIAL CLOVERS, &c., to lay down Land to Permanent Pasture, at 25s. per acre, allowing 3 bushels to the acre, carringe free. Mixtures for Lawn, or any other purpose, or the sorts separate. Most of the species of Grass are collected by the Advertiser, and he will bestow the greatest attention in selecting such as shall constitute mixtures specifical to the soil, purpose, &c., of each buyer.

TO FARMERS.

IN ACCORDANCE with the wishes of Farmers, Millers, and others interested in the Corn Trade, an Edition of the AGRICULTURAL GAZETTE AND GARDENERS' CHRONICLE will be published every Monday Afternoon, in time for post. The Monday's Edition will, in addition to the usual markets, contain a full report of the Mark Lane, Smithfield, and Newgate Markets of the day .- May be ordered of any News Agent. Price 6d.

GRASS SEEDS FOR PERMANENT PASTURE. HEELER AND SON'S DESCRIPTIVE LIST of GRASS SEEDS will be forwarded free on application. J. C. WHEELER AND SON, GLOUCESTER.

ENDLE'S AGRICULTURAL PRICE CUR-RENT AND FARM DIRECTORY FOR 1854 is now published, and can be obtained in exchange for six postage stamps, from WILLIAM E. RENDLE & Co., Seed Merchants, Plymouth.

A FIRST CLASS CATALOGUE OF GERANIUMS, VERBENAS, FUCHSIAS, DAHLIAS, HOLLYHOCKS, ETC. (EO. SMITH begs to announce that the above is now ready and will be forwarded in exchange for one postage stamp .- Tollington Nursery, Hornsey Road, Islington.

CHARLES ALEXANDER (late of Dicksons & Co.), SEEDSMAN and FLORIST, 32, West Register Street, Edinburgh. His Descriptive Catalogue of Select Garden and Flower Seeds is just published, and will be forwarded free on application,

OHN SCHOFIELD AND SON have now ready their Descriptive CATALOGUE of first class FLORISTS' FLOWERS. The contents are Lists of the best Dahlias, Carnations, Picotees, Pinks, Pansies, Fuchsias, Calceolarias, &c. A few packets of Calceolaria and Pansy Seed, selected from the best named sorts, 2s. 6d. each.

Knosthorpe, near Leeds, Yorkshire.

CEDRUS DEODARA.—Beautiful Specimens can be had at H. LANE AND SON'S Nursery, Great Berkhampstead, Herts, price 7s. 6d. to 21s. each; some few 42s. and 63s. each.

GEORGE MILLS, Uxbridge Road, Ealing, begs to offer Plants of his best BLACK or WHITE-SPINED CUCUMBER, unpacked, at 1s. each; packed, 1s. 3d. each.

MELON PLANTS of the best kinds raised to order on the same terms.

per dozen .- The annual importation of the above-named beautiful and fragrant Flower has just been received, and large and well selected Bulbs may be obtained, without disappointment, at A. Cobbett's Foreign Warehouse, 18, Pall Mall.

N.B. Printed regulations for treatment sent; also, just arrived,

very moist and open Parmasan Cheeses.

CLOVER SEED. ENUINE NEW CLOVER SEED may be obtained I of the undersigned, at the annexed moderate prices

FINE NEW RED CLOVER ... 8d. to 9d. per 1b. WHITE CLOVER ... 91d, to 101d. " YELLOW CLOVER ... 5d. to 6d. PERENNIAL RED COW GRASS ... 101d. to 1s. " Large quantities, carriage free, to all parts.

JOHN SUTTON & Sons, Seed Growers, Reading, Berks. CHOICE FRUITS AND VECETABLES, ETC. OTICE TO GROWERS .- I wish to inform you that my present Prices for the undermentioned Goods are as herein stated; therefore should you have such to dispose of, you may forward them immediately.

PINES, from 2 lbs. to 3 lbs., 5s. 6d., 5s., and 4s. 6d. per lb. CUCUMBERS, 2s. 6/., 2s., 1s. 6d., and 1s. each.

MUSHROOMS, 2s., 1s. 6d., and 1s. per 1b. FRENCH BEANS, 2s., 2s. 6d., and 3s. per 100. CHOICE FLOWERS, according to quantity.

GEORGE TAYLOR, JUN., FRUIT-SALESMAN, St. John's Market, Liverpool.-Terms Cash on receipt of Goods.

NEILSON, Ayr Nursery, will be glad to supply Gentlemen, Nurserymen (with discount), or Florists, with WILLIAM FIELD, FLORIST, Flookersbrook, Chester, One, Two, and Three times (3 to 4 feet fine) transplanted LARCHES, TREES, SHRUBS, &c., ROSES, HEPATICAS, double-blue and others, PRIMROSES, &c., at very low prices.

> PINE PLANTS. TO BE SOLD, 100 Fruiting and Succession Plants, mostly Queens, perfectly clean and healthy .- For particulars, apply to T. Perkins, Nurseryman, Atherstone, Warwickshire.

SCOTCH FIR. THE Subscribers can supply 2-year Seedling SCOTCH FIR, at a very low rate, if taken in quantity. Price given on application .- FOWLER & WRIGHT, Glasgow, March 4.

SILVER FIR FOR SALE. TOSIAH HILL begs to inform Noblemen and Planters generally, that he has a large assortment from 11 to 3 feet (twice transplanted), very healthy and good rooted. Briston Nursery, Norfolk.

IME TREES, 12 to 14 feet, 42s. per 100.—SPRUCE FIRS, 2 to 3 feet, 6s. per 100.—LAURUSTINUS, very fine, 30s. per 100.-Apply to Benjamin R. Cant, St. John's Street Nursery, Colchester.

TO RAILWAY CONTRACTORS, FARMERS, & OTHERS. SELFE begs to announce that he has a stock of 100,000 very fine transplanted 5 years old WHITE-THORN QUICK, at 8s. per 1000. It more than 5000 are taken, 7s. 6d. per 1000. He has also a large collection of Spruce Fir. Laurel, Privet, &c., in fine condition, from 3 to 5 feet high. moderate prices .- Surbiton Hill, Kingston, Surrey, March 4.

"WELLINGTONIA GIGANTEA." MESSRS. VEITCH, of EXETER and CHELSEA, have much pleasure in stating that their Seeds of the above magnificent Tree are vegetating satisfactorily. They therefore

hope to be able to send out well established seedling plants during the ensuing summer and autumn. They are now taking orders for them at the following prices:-For a Single Plant ... 2 guineas | For 8 Plants ... 10 guineas For 4 Plants ... 6 guineas | For 12 Plants ... 12 guineas And all orders will be executed strictly in the rotation in which

they are received .- March 4. INTELLINGTONIA GIGANTEA.—Beautiful Lithographed Plates (from a drawing taken in California) of this wonderful Tree may be had, at 7s. 6d. each, of Messrs. VEITCH & Son, Exeter, and Mr. JAMES VEITCH, jun., Exotic

Nursery, Chelsea. The Bark, Wood, Cones and Foliage, which were exhibited on Tuesday week at 21, Regent Street, may be seen at the Exotic Nursery, Chelsea .- March 4.

NEW GUCUMBER. "IMPROVED JEWESS," a hybrid between the Brewston and Mills's Jewess. It is a good bearer, dark green, black spine, a first-rate variety for early forcing and general crop. Seeds may be obtained of Mr. MARSHALL, Gardener to John Sick, Esq., Chiswick, Middlesex.

IPOMŒA RUBRA CÆRULEA. MR. GEORGE ROBERTS begs to make known to the Seed Trade that he can supply the above named scarce Seed .- For prices apply to him at 32, Moorgate Street, London, where dried Specimens of the Flowers and Leaves may be seen. Purchasers of a small number of Seeds will please obtain them from the principal London Seedsmen.

A packet of five seeds, 2s. 6d.

OHN JEYES, NURSERYMAN, Northampton, has to offer fine dwarf-trained trees of the following fruits :-MORELLO, and other Cherries; MOOR PARK APRICOTS; GREENGAGE, and other Plums.

OUBLE FRENCH MARIGOLD AND CAPE STOCK SEEDS. A packet of beautiful DOUBLE FRENCH MARIGOLD SEEDS forwarded on receipt of Seven Penny Postage Stamps. Ditto, SCARLET CAPE STOCK, ditto. EDWARD SANG & Sons, Nursery and Seedsmen, Kirkaldy, N.B.

JOHN COLE begs to inform the lovers of CAL-CEOLARIAS that he has a few choice Seedlings to dispose of, having succeeded in raising more than he has convenience to grow, and offers them, strong plants, at 4s. per dozen, or 25s. per 100. J. C. begs to state the seed was saved from choice impregnated spotted and striped varieties. A remittance solicited from unknown correspondents.

Keyfield Nursery, St. Alban's, Herts.

CORNWELL'S VICTORIA RASPBERRY; unequalled for size, flavour, and brightness of colour-containing more juice than any other, and an abundant bearer. The certificate of merit has been awarded to them at all the principal metropolitan shows; the fruit also sells for more than any other at Covent Garden Market. Canes of the above to be had of George Cornwell, Market Gardener, Barnet, at 15s. per 100. Also White and Rivers's Autumn Trailed, 15s. per 100; strong Red, Black, and White Currants, 2s. to 3s. per doz.; Double Lilac Primroses, large Laurustinus. The usual allowance to the trade.

CEORGE CLARKE begs to invite purchasers to inspect his splendid Collection of ROSES, extending over 10 acres of ground. Fine Standards of the leading kinds, 18s. per doz.; Dwarf ditto, 12s. per doz. Catalogues can be had.

Evergreens, Coniferse, fine trained Peaches, Nectarines, Apricots, &c., at very moderate charges. Strong Dielytra spectabilis, 51. to 101. per 100. Also 100 fine Specimen Erica depressa, which will be sold at a bargain.

Streatham Place Nursery, Brixton Hill, near London.

THE ROYAL MOSS-POD PEA.—The attention of herticulturists and of the public in general is called to this new and peculiar PEA, as being surpassed by none in exquisite flavour and colour on table; it is at the same time highly productive. To be had only of Mr. DENNIS, West Court, Detling, Maidstone, at 2s. 6d. per quart, and will be forwarded in any quantity (not less than a quart), to all parts of the kingdom, on receipt of postage stamps or post-office order for the amount.

LIRST CLASS PRIZE VERBENAS .- The set of six, advertised by J. KEYNES in his Catalogue will beready to send out the 21st of March, in fine well-established Plants, by post, free, for 20s.

These are six of the most beautiful Verbenas ever offered, and were much admired in the Surrey Gardens, the only place they were exhibited, and obtained First Class Certificates. Only a few sets left unordered.

JOHN KEYNES, Nurseryman, Salisbury, March 4.

CONQUEROR OF THE WEST CUCUMBER. TAMES LAKE, NURSERYMAN, &c., Bridgewater, begs once more to offer the above Cucumber. Having tested its merits against many other sorts highly spoken of, can with confidence recommend it as the best for general frame culture. Packets containing 12 good Seeds sent post free on the receipt of 12 postage stamps.

N.B. The Trade supplied with the genuine article. J. L. also begs to state that he will be prepared to send out, the first week in May, strong Plants of his beautiful Seedling LOBELIA ST. CLAIR, so universally admired last summer and autumn, at 12s. per dozen. The usual discount to the Trade.

EARLY SEED POTATOES. ARLY ASH-LEAF KIDNEYS, 10s. per bushel. EARLY SHAWS, 7s. per bushel.

The Advertiser, in calling the attention of Growers to the above, would state that they have been carefully selected for Seed purposes, and they are entirely free from disease; for quality and yield they cannot be excelled. Bags not charged extra. A sample bushel will be sent to any part of the country on receipt of a Post-office order, made payable to Joseph Wilson, St. Helen's Street, Ipswich, Suffolk.

LINNEAN, Feb. 21. - The President in the chair. from the island of Guernsey, by the discoverer, Mr. G. Wolsey; and a small collection of Ferns from Moreton Bay, by R. Wakefield, Esq. Mr. Joseph Robson, of papers were read: - 1. "Notes on some Ferns in the Wallichian Herbarium," by Mr. Thomas Moore. stipellata (Wall. Cat. 260). The first of these, which stated to be the Matonia pectinata (R. Brown in everywhere, either in gardens or cultivated fields. Wallich's "Plantæ Asiaticæ Rariores"). In enquiring which of these names had precedence, the author referred to Sphæropteris barbata, as an analogous case, which also occurs in the "Plantæ Asiaticæ," where precedence is claimed for the herbarium name of Dr. Wallich, dating 1823, and catalogued in M.S., in 1828, over the name Peranema, of Don, legitimately published in 1825. This claim, strengthened as it is by the general adoption by botanists of Dr. Wallich's names, led the author to the conclusion that they were entitled to precedence; and according to this view, Prionopteris Wall., was stated to be undoubtedly the Diacalpe aspidioides, Blume, distinguishable from true Sphæropteris by having sessile not stipitate sori. Restoring the Wallichian specific name, this was called Diacalpe Hookeriana. The Davallia stipellata, Wall., was identified with the Aspidium nodosum, Blume, the Acrophorus nodosus, Presl, and doubtfully with the Monachosorum davallioides, Kze. The fructification of this Fern, consisting of small heaps of spore cases at the apices of simple venules within the margin, and covered by roundish scale-like indusia attached by the base only, it was argued that it could not properly be associated with the Davallieze, but should rank along with Cystopteris in a subsection of Aspidieæ, connecting that group with the Davallieæ through the genus Microlepia. The genera Acrophorus and Leucostegia of Presl, of the latter of which Presl himself says "Acrophoro affinissimum est," were held to be too closely allied to be kept apart, and the author therefore proposed to combine them, applying to the united group Presl's prior name of Acrophorus. The following species were communicated: -- Acr. stipellatus (A. nodosus, Presl); Acr. immersus (Leucostegia, Presl); Acr. chærophyllus (Davallia, Wall., D. pulchra, Don); Acr. membranulosus (Davallia, Wall.); Acr. affinis (Leucostegia, J. Sm.); Acr. hispidus (Davallia, Heward); Acr. parvulus (Davallia, Wall.); referred to while prosecuting an attempt to arrange the genera of Ferns, so as to avoid alike the modern extreme of needless subdivision and the antiquated one of inconvenient aggregation. 2. "Note on the genus Ancistrocladus of Wallich," by G. H. K. Thwaites, Esq. Mr. Thwaites observed, that having had opportunities of examining the structure of the flowers of Ancistrocladus Valili, as well as its fruit in various stages of development, he had been enabled to arrive at a more correct knowledge of their structure than appears to have been previously within the reach of botanists. The circumstance of the fruit in this genus being surmounted by the enlarged segments of the calyx had led to its being referred to the several families, Combretaceæ, Malpighiaceæ, and Dipteraceæ, from all which he stated it to be essentially different in its albuminous seeds; and he pointed out the Symploceæ as a group with which it seemed to associate better, agreeing therewith in its undivided exstipulate leaves, in the character of its inflorescence, in its persistent calyx, in its imbricated calyx and corolla, in the stamens being adherent to the base of the corolla, in its inferior ovary, albuminous seeds, and cylindrical [? clavate] embryo. From the Symploceæ, however, it was stated to differ in its scandent habit, in its calycine segments becoming enlarged, in its solitary erect ovule, and in the peculiar cerebriform structure of its copious albumen. With the Myristicaceæ and Anonaceæ Ancistrocladus seemed also to have some affinity, its young ovule recalling to mind that of Myristica, and the embryo not being very dissimilar in the two genera; whilst the scandent habit and uncinate ramuli give to it a considerable resemblance to Artabotrys. Mr. Thwaites concluded with a detailed generic character, partly drawn up from fresh specimens of A. Vahli, a plant which was stated to be abundant in the warmer districts of Ceylon, and owing to its abundant increase, by its roots, forming a very troublesome weed. Its Cingalese name is Gonawel or Gonapittanwel. The paper was accompanied by drawings illustrating the structure of the flowers and fruit of A. Vahli.

Potices of Books.

Ph.D., F.R.S. A new edition, 8vo. Bradbury and Evans. Pp. 182.

augmenting the price. Between 60 and 70 woodcuts of have been altered, have not been wholly replanted with tion, for their beauty is much increased by preserving

pages, have been added, among the latter of which will tained; they have received some important additions be found a chapter entitled " Physiological Aphorisms, in the shape of some of the newer and higher coloured or the Rudiments of Practical Physiology." The varieties, into which has been infused, by means of Specimens were presented of Ophioglossum lusitanicum, former editions were confined to Systematical Botany, skilful cross-breeding, a habit of flowering sufficiently physiology finding no place in them. That deficiency is late to be out of the reach of early frosts, which, we now supplied. The foundation of the aphorisms was the need not say, spoil the blossoms. Many of these, we author's "Outlines of the First Principles of Horticul- learn, have been kindly presented to the Society by Whitehaven, was elected an associate. The following ture," a little work which has been out of print for Messrs. Dancer, of Fulham, and Mr. John Waterer. many years; but they have been curtailed, much cor- In the orchard department, pruning forms the prinrected, and adapted to the purposes of general stu- cipal occupation at present. Another sash has been The Wallichian species to which this paper referred dents, who wish to become acquainted with the common added to the length of Cottam and Hallen's Peach frame, were the Prionopteris Farquhariana (Wall. Cat. 184), phenomena of vegetable life, rather than with their and its hitherto open ends, we believe, are also to be Sphæropteris Hookeriana (Wall. Cat. 775), and Davallia special application. The additions to the systematical shut up. Close ends formed no part of the original part of the work consist of the distinctive characters of design; but owing to the short length of the frame in appeared to be unknown both to Presl and Fee, was a certain number of common plants, to be met with the present case allowing cold winds to sweep through

New Plants.

48. CYPRIPEDIUM VILLOSUM. C. acaule, foliis immaculatis scapo villoso longioribus, spatha carinatā, petalis inæquilateris spathulatis undulatis ciliatis politis apice excisis, sepalo supremo emarginato antico oblongo apiculato, stamine sterili cuneato mucronulato dorso tuberculato pubescente, columna petalisque basi barbatis, ovario crinito.

This fine addition to an interesting genus was lately exhibited to the Horticultural Society, when it received a Silver Knightian medal. Mr. T. Lobb found it wild must supersede Matonia. Sphæropteris Hookeriana, in the province of Moulmein, at an elevation of 5000 feet above the sea, and sent it to Messrs. Veitch, who, we believe, are its sole possessors. most resembles C. insigne, differing more especially in pains will be taken to give the plan a fair trial. the following particulars :- The scape is shorter than the leaves, and shaggy, with long purple hairs; the petals are singularly unequal sided, the posterior half being twice as broad as the anterior, and much undulated; they are, moreover, notched at the point, as if a piece had been struck out by a circular punch; the lower sepal is apiculate, and not merely obtuse. There is a general resemblance in colour, but the upper sepal, instead of being decorated with dark circular spots, has merely a deeply discoloured set of veins along the middle, and the petals, which look as if varnished, are a rich warm brown on the upper or posterior half, but green on the lower half, with a deep rich brown line of separation.

Garden Memoranda.

HORTICULTURAL SOCIETY'S GARDEN, TURNHAM GREEN. -The fine specimen of Dendrobium speciosum, which this garden possesses, is now in flower; but not nearly so profusely as it was last year. Nevertheless, owing to the large size and rude health of the plant, together with the great beauty of the few fine spikes of flowers that at present ornament it, it must be regarded as an object of unusual interest. Among the more conspicuous Acr. jamaicensis (Davallia, Hook.). The attention of of other Orchids in bloom were Cologyne cristata the author had been directed to the instance above literally covered with handsome white blossoms, stained in the lip with yellow; the White Butterfly Plant (Phalænopsis amabilis); and the well-known Phaius grandifolius, which when well flowered, as this was, is still one of the most striking and useful plants we possess.

> In the greenhouse adjoining the Orchid-house were some charming potfuls of Crocuses, more especially those filled with Queen Victoria and Sir Walter Scott. The latter is a very fine flower, white striped and feathered with lilac, and about as large as a small Tulip. Well-bloomed masses of the finer kinds of Crocuses, we need scarcely say, are extremely showy at this season of the year, and they are easily obtained by potting them in autumn, and wintering them in a cold frame, merely placing them in a little heat a short time previously to their being wanted in flower.

The Acacia trees, for so they have now become, in the great conservatory, are beginning to be very gay. A. cyanophylla is now in full beauty, and several others are ready to succeed it; A. Riceana is getting past. These are large-growing kinds, which are suitable only fine group of Camellias near the east end of the house. the multitudes of large blossoms with which it is furnished being just in perfection. The little scarlet and it forms a good succession to the variety of A. squamata, mentioned at p. 118, whose distinguishing blossoms and its habit of flowering naturally, i. e. without forcing, several weeks before any other Indian Azalea. On this account, therefore, it must be looked upon as an acquisition.

The Rose trees have all been moved out of the Rose house, and transplanted in Messrs. Hartley's conservatory, in which beds have been prepared for them, and they have hitherto done. Climbing sorts have been other deformities, remove them while young. At this placed against the pillars, which, together with the roof, stage of their growth, care must be taken in watering School Botany and Vegetable Physiology; or, the Rudi- may thus be rendered ornamental. The Rose house, that none be allowed to fall into the tubes or pipe, if it ments of Botanical Science. By John Lindley, we understand, is to be converted into an orchard-house, happen to be exposed, as is the case with some varieties; which is to be devoted in part to proving of Vines and for although the buds be so young, the meal of the eye Figs in pots.

public has enabled the proprietors to increase largely the Grass is being mown and the borders, dug and put panded it will be found dull and unfit for exhibition. the matter contained in the present edition, without in order for summer. The Rhododendron beds, which The meally-grass varieties require a little extra atten-

common plants, and about the same number of new the same kinds of Rhododendrons they formerly con-

it, they will doubtless be found to be an improvement.

The effects of the late frosts have been severely felt in the kitchen garden. Even Brussels Sprouts in some instances have been injured. Those that had not been topped have been found to stand best. Among Broccolies, Snow's Spring White has, upon the whole, stood best. Hammond's White has been all killed, and of Cock's only a plant here and there remains. - Spring cropping is now being proceeded with. Some Potatoes have been planted according to the plan mentioned in our Number for Feb. 18, p. 101, with a view to further test its value as a preventive of disease. Little ridges of earth have been left between the rows for the purpose of covering them when the time stated for per-It forming that operation shall have arrived, and every

FLORICULTURE.

Pansies in Pors .- My three-light box is again becoming gay with these delightful spring flowers. Duke of Norfolk, Sir Philip Sidney, Disraeli, Ophir, Robert Burns, Euphemia, France Cycole, Mrs. Beck, Duke of Perth, Climax, and others, already arrest the attention of all who visit my little garden. Those who have never tried to cultivate the Pansy in this way have little idea what a profusion of really gay flowers is produced by this plant during the whole of the early months; and with proper attention they will blossom in good character till the latter part of May. As regards cultivation, little need be said; for the Pansy is not difficult to manage. Plauts for early flowering should be potted up from the open ground in October. If the weather is open in the last week in January, or the first week in February, begin to repot generally, using soil consisting of good decomposed turfy loam, rotten manure, a little leafmould, and coarse sand, the latter in proportion to the nature of the loam. The soil should not be pressed hard with the hand; no water should be given for a day or two after potting. Before, as well as after this operation, the plants must be kept well up to the glass. They should have from two to six shoots, or strong leaders; and to keep them to these chosen shoots, a number of small ones must from time to time be removed. These cuttings answer the double purpose of strengthening the main shoots, and producing a stock of young plants, which will supply the place of the old ones when worn out. Keep the frames in which they are placed open whenever the weather is favourable, pulling the lights back, or tilting them up; maintain the plants in a growing state by watering them as often as they require it, going over them for this purpose every day. Plants that have several shoots should be tied into shape, placing the centre-branch upright in the middle, and the remainder at equal distances all round; but the plant must be shaped according to the number of shoots: three leading branches are sufficient if cut blooms only are required. Another advantage is, that the same plants, from the succession of bloom they produce, will answer the double purpose of exhibiting in for a house like this. For pots, A. linearis, a specimen pots or stands of cut flowers. After the potting, as of which was in full flower, is very suitable. The above recommended, has taken place, takes the earliest scarlet and white Brugmansias, which have recently opportunity at which the ground is in a fit state, to been cut "hard in" and cleaned, are again loaded with plant out any stock not required to bloom under glass, blossoms, and Habrothamnus fasciculatus, and Polygala or plants that have been wintered in stores, &c., which gracilis, are also both in full flower, together with the will bloom through May or June, and produce a stock of good healthy cuttings. By following the simple and Among the latter, C. elegans is by far the most striking, inexpensive treatment just recommended, I am sure that those who take the little trouble that it entails will not fail to be gratified by a fine display of bloom, which, Azalea obtusa makes a handsome plant for a shelf, from its long continuance, will most certainly afford

much gratification. E. B. THE AURICULA, - About the middle of this month, characteristics are the delicacy and transparency of its if the weather continue as fine as it is at present, the trusses will be sufficiently forward to select those intended for exhibition. Seven pips are the lowest number allowed by our metropolitan societies; therefore select the most promising, containing that number and upwards. Those with round buds, as nearly of a size as possible, the truss also round and compact. should be particularly selected, and if there are any where they are expected to succeed much better than monster pips among them with large oblong tubes or may be formed, and if so the water will run the meal THE favourable reception given to this work by the The alterations in the Arboretum are now completed; over the ground-colour, and when the blossom is ex-