THE GARDENERS' CHRONICLE

A Weekly Illustrated Journal

of

HORTICULTURE AND ALLIED SUBJECTS.

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H. W. Thomson & Son, Seed Growers, Kensington, London, W.C.
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THE STREFFERS CHRONICLE.
SATURDAY, SEPTEMBER 18, 1892.

THE BEST POTATOES FOR THE TABLE.

SUTTON'S COLLECTION OF TWELVE of the strongest potatoes of SEED POTATOES. 7 lbs. each, 214. care free.

SUTTON'S SEED POTATOES GENUINE from SUTTON, AND THE SEEDS, READING.

LANSALES.—CAUCASIUM, LATIFOLIA, BOUTONIADIA, and common, fine, bushy potatos, well-scrubbed at

PORTUGAL STANDARDS, Standards, fine heads.

H. LANE and SONS, Nursemans, Berhamsted, Herts.

CHRYSANTHEMUMS. — Our Illustrated CATALOGUE will be sent free on application.

E. EDMUND BLOOM, 20, Cadogan St., S.W., Sydney, London, S.E.

BEGONIAS.—Davis's New, Rare, & Beautiful.

The Best BEGONIA CATALOGUE published, enumerates a magnificent and unexampled Collection, with descriptions, Illustrations, and much valuable Information on this now Popular Potted—potted. The best grower to issue a BEGONIA CATALOGUE, is BEGONIA Growers, Yewl Nurseries, Treval, Somerset.

STANDARD ROSES. — All leading kinds, good stuff, 2s. 6d. to 3s. 10d. each, to clear at once.

JOHN NEWMAN, Stratford, Sandy, Beds.

LAPAGERIA ALBA.—Healthy, well-rooted Pots, 10 pots, 40s. each, 5. 7. 6d. each. 3. 4. 3d. each. TROIS, CRIPPS AND SON, Tunbridge Wells Nurseries, Kent.

CLANTON'S GERANIUMS. — Well grown, and forwarded in large boxes, 6s. 3d., 10s. 6d., and 21s. 11d. per dozen.

Royal Nurseries, Acor.

LILIES OF THE VALLEY. — A quantity of roots, 3 years old, for sale at per basket, 7s. 6d. each.

Good FRUITING GRAPE VINES. — Nine Splendid 3 feet long, four years old, have not fruited, 3s. each. Six Bush Brookfield, fine, cleared. Listed for want of room.—RICHARDS, "Rowsham," Broadshe.

R. GILBERT, High Park, Stamford, is now offering all of the best of all KUERBE, "True Champion," 2s. 4d. each; also, King of the PREBOND'S STRAWBERRIES, "Umbrella Variety," "Late Victoria ROBINS," and "CHOU의 BONHOVB," at 1s. each per packet.

ELWAY'S SEED MANUAI. for 1892.

 kept as a deposit for the first order to those unknown to us, KELWAY AND SON, Ipsden.

Trade Offer of Large Pinks.

W. PETIT, 1, Vicotf, Chetwynd, Fife Street, Kensington.

ICECTON has a large Stock of the leading kinds of Decorative PINKS, from 4 to 25 feet high, fit for Conservatories and House Decorations; Drumoons, Bambous, &c. Pinks, &c. Lobelia and other plants. Listed by "PRINCE," 2s. 6d. per dozen.

W. PETIT, Pinks, &c. Pinks, &c. Lobelia and other plants. Listed by "PRINCE," 2s. 6d. per dozen.

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FORTHCOMING SALES BY MESSRS. PROTHEOGE & MORRIS

Horticultural Auctioneers and Valuers.

CENTRAL AUCTION ROOMS and ESTATE OFFICES, 67 and 68, CHELSEA, R.C. CATALOGUES FOR ALL AUCTIONS SENT FREE BY POST ON APPLICATION.

Monday Next—Hardy and Plants and Bulbs.

MESSRS. PROTHEOGE & MORRIS will sell by auction, at their Rooms, 67 and 68, Cheapside, London, R.C., on Monday next, at half past 2 o'clock, the noblest and choicest Collections of Hardy Plants, including a number of Continental varieties; HOLLOMKES, PROTHEOGE'S BLEND, &c.; BULBS, including a large quantity of Bulbs of Various Species and Cultivated Varieties, and a fine collection of Home-grown LILACS, &c.

On view Monday, Tuesday, and Catalogues had been distributed.

EAST DULWICH

Wednesday, February 17.

MESSRS. PROTHEOGE & MORRIS, will sell by auction, on Wednesday next, at half past 2 o'clock, the noblest and choicest Collections of Orichids, which are the following:

Odontoglossum Ure-Skinsteinii

Guzanthes, a most well-established stand, consisting of

Dendrobium speciosum

Cymbidium elegans

Cattleya labiata

Dendrobium paniculatum

Phalaenopsis, some in bud out

Biritopsis, a most beautiful stand

Dendrobium, in bud and in flower

Cattleya intermedia, alba, and plain varieties in vigorous health

Vandas, a fine list of sorts

Leia Perrettii alba

Cypripedium tigrinum Wallichii, fine specimen

Sobralia macrocarpa Kuntzei

Cattleya labiata, a most beautiful stand

Cattleya, five very rich

Rafflesia gigantea

Paphiopedilum sandersonianum

Paphiopedilum rothschildianum

Hesperantha Sericata, and many other choice Clumps of the best, in the best possible condition.

Plants will be sold at the Gentlemen's Rooms, and Catalogues obtained on the Premises, Also of the Auctioneer, at their Offices, 67 and 68, Cheapside.

Wednesday Next—Palmes, Ferns, &c.

MESSRS. PROTHEOGE & MORRIS will sell by auction, at their Central Sale Rooms, 67 and 68, Cheapside, London, E.C., on Wednesday next, at half past 2 o'clock, 15,000 SEEDS of various Palms grown in various Greenhouses, PEAS TO BOKES in pots, choice PLANTS,_uihich will be sold at very low prices, and a large quantity of TUBEROSES, GLADIOLUS, CARNATIONS, DAFFODILIS, HERBACEOUS PERENNIALS, &c.

On view morning of sale, and Catalogues had been distributed.

Wednesday Next—Palm Seeds.

MESSRS. PROTHEOGE & MORRIS will sell by auction, at their Centre Sale Rooms, 67 and 68, Cheapside, London, E.C., on Wednesday next, at half past 12 o'clock, 15,000 SEEDS of various Palms grown in various Greenhouses, PEAS TO BOKES in pots, choice PLANTS, which will be sold at very low prices, and a large quantity of TUBEROSES, GLADIOLUS, CARNATIONS, DAFFODILS, HERBACEOUS PERENNIALS, &c.

On view morning of sale, and Catalogues had been distributed.

Havant, Expectation of Leaks.

THE THIRD and FINAL PORTION of the NURSERY STOCK on the Premises of MESSRS. PROTHEOGE & MORRIS, Havant, on Thursday, March 2, 1892, a large quantity of well-grown NURSERY STOCK.

The FREDEROUD NURSERY TO BE DISPOSED OF. Particulars of the Auctioneers.

Friday Next

By Order of MESSRS. COMMISSIONERS TO THE WINE WAREHOUSE, 67 and 68, Cheapside, London, E.C.

CATTLEYA LAWRENCEI.

A very rare species, Cattleya Lawrencei, just received, is in excellent condition. This exquisite Orchid is of easy culture, and very free flowering, it has large, broad leaves, and large, fine blooms. The plants are well-rooted, perfectly dormant, and very distinct; some have already produced a spike of flowers, the growth has been upwards of six months, and encountered many difficulties in gathering the plants, owing to the extraordinary height of the spires, and the river having been abandoned. The journey has to be made partly by boat, partly over rough country, and the plants have been more than two months; provision and baggage has to be carried by two men, and the work is done under most difficulties, with the result that only one of their boats is left, thereby losing one of the crew, and a quantity of choice plants. The growth has been more than satisfactory, and an interesting collection of photographs, showing the habitat of C. Lawrencei, the new species of Cattleya, Bolivianis, Kaizleria, Parque, Rovero, group of native Indi ans, and many incidents which befell the expedition in carrying out their difficult task we have also a collection of inferior coupons, weapon, &c., which will be shown at the time of sale.

CYPRIEIDEUM LINDLEYANUM (Reh. 866).

A very rare Cypripedium, owing to the difficulty of gathering plants, and not grown for years in the Nursery, is in very fine condition and perfectly safe. Flowers as large as those of Cypripedium calceolus, of rich salmon color, with the characteristic pointed brown sepals 1½ inches long, and red striped spots; petals twisted, 1½ inches long, yellow and bright red. The plants grow in masses in swamps along with Haselriapa nutans and various kinds of Utricularia.

CYPRIEIDEUM CHAMBERLAINIANUM (Sander).

A magnificent flower, with long branching spikes of creamy flowers, spotted with dark brown—the most splendid Cypripedium I have seen. The plants will be of great value.

MESSRS. PROTHEOGE & MORRIS have received instructions to sell the above choice ORCHIDS at their Central Sale Rooms, 67 and 68, Cheapside, London, E.C., on Friday, February 19, at half past 12 o'clock.

On view morning of sale, and Catalogues had been distributed.

MARCH 4th.

NEW ORCHIDS.

EXTRAORDINARY NEW LADY'S SLIPPERS.

CYPRIEIDEUM VICTORIA REGINA (Sander), NEW SPECIES

The most extraordinary Cypripedium ever imported.

CYPRIEIDEUM CHAMBERLAINIANUM (Sander).

A magnificent flower, with very great value.

MESSRS. PROTHEOGE & MORRIS have received instructions from Mr. F. Sander to sell, at their Rooms, 67 and 68, Cheapside, a grand lot of the above NEW CYPRIEIDEUMS on FRIDAY, March 4th.

CYPRIEIDEUM VICTORIA REGINA (Sander) is the most extraordinary Cypripedium we have ever seen; we are proud of the introduction into Europe of Cyp. Sanderi, Bolivianis, Chamberlainianus, &c., but this is the first time we have seen the compact zigzag inflorescence 6½ ft. tall, and the size of the flowers. The flower springing from a constricting branch, and the remarkable feature is that the flower sepals are not more than 1 inch from each other, the upper part of the flower to most lovely, it is white and green, the lower part of the flower is yellow and brown and short, the lower sepals light green and dark purple, the petals are spreading, unusually large; the labellum is beautifully formed, and purple and in spots, and the whole, a flower of glory, the very forward part of the calyx, purple and yellow, the lip purple, violet, orange, dark green, and in the middle, the flange 4 inches across each way. Abundant dried material will be shown to prove the above description.

CYPRIEIDEUM CHAMBERLAINIANUM (Sander) from Bolivia is a very fine Cypripedium, the flowers are produced in great profusion, are large in size, and of the finest coloration. The seedlings are uniformly colored, and white, growing all along the spike—a fine lot of this plant was received at the beginning of the year, but they were thoroughly established there, and a captain took stock of each lot of plants. The leaves are 2½ feet long and 2 inches wide and all mottled.
SUTTONS' FORCING DWARF BEAN.—The demand for Dwarf Bean, before it is possible to gather from plants in the open, is now so widespread that a variety especially adapted for forcing has become indispensable, and we are glad to be able to offer a new lens peculiarly suited to the purpose. SUTTON'S FORCING DWARF BEAN, 24s. per lb. 242

ROSES.—All leading kinds, good soil, 6d. to 2s. 6d. per 100, to order now. JOHN NEWMAN, Stratford, Redd's End.

TO ORCHID LOVERS.—The Journal of the Orchid Society, established, 1881, includes articles on the culture of Cambridge, Eucalyptus, Crosses, &c. and is published monthly. Subscription, 2s. 6d. per annum, post-free, to be sent to the publisher, L. H. J. B. L., 106, Rue Belliard, Brussels. Specimen number sent on demand.

SUTTONS SEEDS GENUINE ONLY DIRECT FROM SUTTON AND SONS, THE QUEEN'S GARDENS, READING.

CHYRANTHEMUMS.—CARTERS' ILLUSTRATED CATALOGUE OF THE FINEST COLLECTION IN THE COUNTRY, including all the newest and best varieties, now ready, gratis and post-free on application.—The Queen's Seedsmen, 217 and 218, High Holborn, London, W.C.

B. S. WILLIAMS AND SONS' IMPROVED MUSHROOM SHAWN For out-door and indoor culture. Per bushel, 5s. per cake, 2s. 6d. per cwt. Dyer's Parish, W., Victoria and Paradise Nurseries, Upper Holloway, London, N.

Sharpe's Victor Potatoes.

W. JOHNSON & SON, SEED Growers, off Star Lane, Hoxton, offering for the first time of this excellent First Early Potato. True stock and good sample. Fares, post per cent, or less, on application.

Buy direct from the Grower.

CUCUMBER SEEDS, Rolleston's Telegraph, 9s. 6d. per lb. 92 and 93, 1st fl. 2s. 6d. per cwt. post free, from S. BARRATT, Cucumber Grower, Radcliffe-on-Trent, Notta.

LOVEL'S YORKSHIRE STRAWBERRIES.—We offer for Cash, good sorts in nine pieces, carriage paid, at 3s. 6d. per 100, 12s. 6d. per 500, 20s. per 1000. Samples Bons, 6d. Descriptive LIST FREE.

W. LOVEL AND SONS, Strawberry Growers, Driffield.

PURITY PRIMA LUCY, first-class seed, 2s. 6d. per cwt. POPE AND SONS, King's Nurseries, Birmingham.

150,000.—Special Offer of Kentas.

ICETON has a large quantity of the above to offer, very reasonable, at from £4 l. 10s. per 1000. Thumps, well-established, 6d. per 1000, at 6d. well-established, at 5d.

W. ICTON, Paterns, S.W.

Vegetable and Agricultural Seeds.

AND F. SHARPE'S SPECIAL PRICED CATALOGUE. We have for all the finest varieties of 1891, and at prices very favourable to purchase. Thenceforward, we are authorised to send catalogue, and have not yet received a copy can have one on application to Wisenich.

TARRAGON, RHUBARB, VIGEAL, for Early Potatoes, Victory PLUMS. Lansdowne Ltd., Industry, Wholesalers and Rebels, Barnet, Herts. All sizes forwarded. Figs are post. Prices low.

WILL TAYLER, Osborn Nursery, Hampton, Middlesex.

The usual SURPLUS FLOWER ROOTS (Alpine and Herbaceous), from Those Gardens now ready. Hampers of 50 strong roots, 6d. each. Interesting variety. WOODY'S HARD PLANT, Kirkstall, Leeds.

CELOGYNE CRISTA, well grown, with bloem spikes, and cheap for cutting. Also the TRENTHAM AND MAXIMA VARIETIES, TRUSTEE'S, at J. STEVENS, Timperley, Cheshire.

Standard Cherries.

CHARLES TURNER has still a large Stock above, with straight stems and good heads, of all leading kinds. The Royal Nurseries, Slough.

RASPBERRY CANES—Norwich Wonder, Carlota, Polidoro, and others. New Stocks, sample 100 Carter's Potatoes on sale for 4s. ALBERT BATH, Vic Court, Seventhorne, Kent.

WEEKS AND CO., HORTICULTURAL JourNALS Established to Her Majesty, H.H. The Prince of Wales, H.M. Government Army Department, War Department, Royal Horticultural Society, Royal Botanic Society, Parks, and Public Buildings. Patestrase of the Duplex Uppertubor Bedders. King's Road, Chelsea, S.W.

THOMSON'S IMPROVED VINE AND PLANT MANURE.—This valuable Manure is made only by us. Every bag and lot has our own mark, and The head of all Nursery and Seedsmen, and direct from us. 1 cwt, and every carriage paid. London Agent—J. GEORGE, 39, Victoria Road, Putney, WM. THOMSON AND SONS, Gloversells, Galashiels, N.
glimpse of Socoitra, but its shores are too far away to yield anything plainly discernible; and even Minicoy, an island lying between the Maldives and Laccadives, gives only a faint suggestion of plant-life. Its low-lying land is fringed with a double line of coconut Palms, of which, later, one sees so many. Before reaching Ceylon, the ship passes within sight of the southern point of India, but not near enough to show what its plants are like. In fact, therefore, the arrival in the harbour of Colombo holds the most interest for the botanist and the gardener. Coming down to the shore, and extending as far as the eye can reach on either side, are crooked cocoa-nut Palms, here and there intermingled with trees having foliage of the densest green. A botanist is struck at once by the superb capabilities of such a country for a botanical garden. These capabilities were not overlooked by the Dutch, who succeeded the Portuguese in possession. A Botanic garden was founded by them at Slavo Island, in Colombo, but when the Dutch were driven out by the British, it fell into neglect. There it lay, overgrown, and beyond the garden connected with the country place of the first English Governor, near Colombo, which, at the beginning of his century, was under the charge of a naturalist, who gave it somewhat the character of a botanical garden.

In 1810 Sir Joseph Banks sketched the plan for a botanical garden in Slavo Island, Colombo, and succeeded in having it established. The Governor, Sir Thomas Peradeniya, who became its chief, according to the work from which I have derived these facts, the Slavo Island garden was subject to floods, and consequently the establishment was moved to Kalutara. One finds here and there in Colombo traces of the old occupancy remaining in the names of some of the streets—"Kew," for instance. From Kalutara the garden was transferred to a more elevated and protected position, and it is interesting to note that, in its first stage, the large garden has established four branches, in order to secure all the advantages which can come from having land at different altitudes and with different exposures.

The branch gardens are—(1) Badulla, founded in 1850, in the eastern part of the island, with an elevation somewhat over 2000 feet. "The climate here is somewhat drier than on the western side of the hill region, receiving but little rain with the monsoon; and it stands during the rest of the year in a fine and healthy state.

(2) Negombo, 33 feet above the sea, and thoroughly tropical, is on the railroad running from Colombo to Kandy. It was founded in 1876. Here certain plants which cannot be grown at Peradeniya, are very successfully cultivated. (4) Hakgala, established in 1869, as a nursery garden, is, at this point, a most eligible spot. Eliza (commonly pronounced "Newaz") the famous sanitarium, is almost 6000 feet above sea-level, in a place of surpassing beauty. Abore the garden is a fine observatory of 1300 feet high, and all around the views are most attractive. The Hakgala is one of the best of these. The landscape reaches over the Uva district towards the Hatagape gap and the Madulase hills. On entering the garden the bewildering profusion of flowers and trees is overwhelming. It is the most grotesque juxtaposition. Plants from Australia, such as Casuarina and Acacias, are perfectly at home with East and West Indian, Japanese, and English plants; of the gardens here are many which seemed thrillingly and well established.

Although the garden is used primarily for experiment mental purposes, it has been laid out with regard to effectiveness of grouping, and with remarkable success. A botanical visitor is, however, constantly trying to separate in his mind the different plants from the curious collections which everywhere abound, and demonstrate better than in any other place I have ever seen the wide range of tolerating climate. The superintendent, Mr. W. Nock, who has had large experience in horticulture, has carried on some interesting experiments in acclimatising plants from the western hemisphere, such as "Cherimoyer" and the like. There are few plants in the garden more attractive than these species of exotic fruits. There are, indeed, many vegetables of doubtful promise, such as Arracacha, and those of sauced culinary position, "Choko" or "Chocomo" (Seschin olbun), for example. Some of the medicinal plants in hand were doing well in every way, and certainly not out of place. The climate, however, is such as to increase the humidity of the atmosphere. The house is heated by twelve pipes, six on each side, so that in spite of the extent, an even temperature of 64° to 68° can be maintained. This charming building contains a considerable number of Orchids, all furnished by the Horticulture Internationale, the fine foliage of which fetches the good care taken of them and the appropriateness of the locality chosen. Among the Orchids there is a great display of different varieties of Lentia parapara, valued varieties of Cattleya labata assunamias, which have just bloomed well; the rare Lentia grandis tenera, so much admired when shown this year for the first time, and which is now rare, T. edendii, C. Mosia, C. aurata, C. gigas, C. Percivaliains, with good promise of bloom; C. granulosa, various fine plants of Phaleonopsis Schillerianus, Ph. amarilla, some plants of the very rare, P. grandiflora, and other good species; Houlletcia odoratissimia Linteni, fine plants of Lentia elegans; of Rodriguiera (Burlingtonia) ruberians, a charming species, the smallest plant of which has borne since the commencement of the season a dozen clusters of pure white flowers, most graceful in form. They began to come into leaf at once, and at the end of ten days some of them had as many as fifteen shoots, all well-rooted. Another of the plants of this same nature were cut, and the surface of the compost dressed with living sphagnum, in which roots soon formed abundantly; to this treatment, the vigour of the plants was largely due. The plants of Rodriguiera pubescens are hung about a foot from the glass, as are the Phalenopsis, certain Paphiun, Stanhopea, Miltonia Rozell, Ph. Phalaenopsis, and M. velutinaria, now in full bloom, and many other species, the vigorous habit of which leaves nothing to be desired. Other hot-house plants are doing well in the same house, especially the Nepenthes, which are hung near the entrance, and bear many graceful flowers, and the other Orchids, and the plants of the Right Hon. Joseph Chamberlain, M.P., to whom Menara, Sander have requested it to be dedicated, James O'Brien.


At the Emperor Frederick's castle at Cronberg is built among beautiful and delicate plants and with beautiful species and varieties, many plants being of unusual size, and now in full bloom or showing great promise for the future. A table 6 feet wide is set apart in the centre of this house with both house and ornamental-foliage plants; many choice and beautiful species are represented. On each side of this stand a path, 3 feet wide, leads past all the plants, which are raised 2¾ feet above the ground. The space beneath the shelves is bordered with red ornamental tiles.

Between the stages and the wall is a space 3 inches wide, so allow the warmed air to circulate. The shelves are not perforated; a number of bottle green glass, about 2½ inches thick, are placed directly upon them, being raised on a Pitch-Pine lattice-work 4 inches high, so that the air can freely circulate; this arrangement also enables zinc bins full of compost to be placed above, so as to increase the humidity of the atmosphere. The house is heated by twelve pipes, six on each side, so that in spite of the extent, an even temperature of 64° to 68° can be maintained. This charming building contains a considerable number of Orchids, all furnished by the Horticulture Internationale, the fine foliage of which attests the good care taken of them and the appropriateness of the locality chosen. Among the Orchids there is a great display of different varieties of Lentia parapara, valued varieties of Cattleya labata assunamias, which have just bloomed well; the rare Lentia grandis tenera, so much admired when shown this year for the first time, and which is now rare, T. edendii, C. Mosia, C. aurata, C. gigas, C. Percivaliains, with good promise of bloom; C. granulosa, various fine plants of Phaleonopsis Schillerianus, Ph. amarilla, some plants of the very rare, P. grandiflora, and other good species; Houlletcia odoratissimia Linteni, fine plants of Lentia elegans; of Rodriguiera (Burlingtonia) ruberians, a charming species, the smallest plant of which has borne since the commencement of the season a dozen clusters of pure white flowers, most graceful in form. They began to come into leaf at once, and at the end of ten days some of them had as many as fifteen shoots, all well-rooted. Another of the plants of this same nature were cut, and the surface of the compost dressed with living sphagnum, in which roots soon formed abundantly; to this treatment, the vigour of the plants was largely due. The plants of Rodriguiera pubescens are hung about a foot from the glass, as are the Phalenopsis, certain Paphiun, Stanhopea, Miltonia Rozell, Ph. Phalaenopsis, and M. velutinaria, now in full bloom, and many other species, the vigorous habit of which leaves nothing to be desired. Other hot-house plants are doing well in the same house, especially the Nepenthes, which are hung near the entrance, and bear many graceful flowers, and the other Orchids, and the plants of the Right Hon. Joseph Chamberlain, M.P., to whom Menara, Sander have requested it to be dedicated, James O'Brien.