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THE

GARDENERS' CHRONICLE

A Weekly Illustrated Journal

OF

HORTICULTURE AND ALLIED SUBJECTS.

(ESTABLISHED IN 1841.)

VOL. XVII.—THIRD SERIES.

JANUARY TO JUNE, 1895.

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The GARDENERS' CHRONICLE

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No. 442.—VOL. XVII. {THIRD SERIES.}

SATURDAY, JUNE 15, 1895.

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delicately tinted flowers of various shades. In a shelter the many plants of Edelweiss carry their woolly white heads erect, and in several parts of the gardens are large patches of *Narcissus poeticus* and its double white variety, the former being Mr. Broome's favourite *Narcissus*, and the latter one of the most useful for cutting. Along the borders is a fine display of coloured *Polyanthus* and *Auriculas*, whose flowers, however, are now on the wane; and occupying long stretches of edging, are broad rows of seedling *Aubrietias*, raised at Sunny Hill, and which have unusually large flowers varying in hue from pale mauve to dark purple, and so profusely bloomed as to nearly cover the leaves. Roses are cultivated in profusion, and notwithstanding that the severe winter cut some of the tenderest back, they have already recovered, and are well set with flowers. The sunk garden, partly walled in and partly enclosed by ornamental and flowering shrubs, is a delightful nook, in which the rarer alpine plants, the North American *Cypripedium spectabile*, *C. calceolus*, and other terrestrial Orchids are blooming satisfactorily. On the rockery on one side, the different varieties of alpine *Phloxes*, the *Arenarias*, *Androsaces*, *Saxifrages*, *Sempervivums*, and plants of that class, are making a beautiful display; while in the beds and borders beneath the climber-clad walls, the *Aquilegias*, *Doronicums*, *Pyrethrums*, *Rosa rugosa* and its white variety, and other showy kinds of herbaceous perennials and flowering shrubs are masses of richly-coloured and fragrant flowers. Among the flowering shrubs, *Magnolia Halleana*, and other of the small-growing *Magnolias* proved hardier than many of the commoner shrubs and bushes. *M. Halleana* has been in flower for months past. At the end of the smooth green lawn an ornamental summer-house appears, the borders on each side being filled with *Pansies*, *Roses*, *Azalea mollis*, and other showy flowers; here, too, are fine bushes of the blue *Marguerite* (*Agathæa celestis*), and a quantity of *Anemones*, which are very beautiful in spring but are now past blooming.

THE ORCHIDS

still occupy the old houses, though a nice block specially constructed to accommodate them by Messrs. Richardson is approaching completion.

The collection is chiefly noted for its fine varieties of *Cattleyas*, *Lælias*, *Dendrobiums*, &c., and each section gives a good show at the present time. Facing the entrance of the *Cattleya*-house is a fine group composed of varieties of *C. Mossiæ*, of which *C. M. majesticæ* and *C. M. Prince of Orange* are two grand forms. At the back is a specimen of *C. Mendeli* with over thirty large blooms, and beside it the handsome and distinct *C. Mendeli rubicunda*, with eight flowers, wholly tinted of a bright light rose, the lip being ruby-red. At one end is a fine form of *Lælia purpurata* with thirteen flowers, and at the other several lighter forms of the same species, and with them are *Sobralia macrantha*, *Cattleya Aclandiae*, *Dendrobium suavissimum*, with eight large spikes; *Lælia Boothiana*, a large specimen of *Oncidium sphacelatum*, *Vanda teres*, &c. The next house is a warm and moist one, in which some *Nepenthes* are suspended. Here the *Cypripediums* thrive remarkably well, a noble specimen of *C. caudatum roseum* having produced a large number of flowers. The *Cypripediums* of the *C. niveum* class are also well represented, a number of fine *C. bellatulum*, *C. niveum*, and *C. Godefroyæ* being in bloom. *Dendrobium thyriflorum* and other *Dendrobes*, too, are fine, the *D. Wardianum* making marvellous growths. *Vanda coerulea* does well at Sunny Hill, and *Cœlogyne cristata alba* evidently likes its accommodation, and keeps more plump than is usually the case. A fine *Lælia tenebrosa* is in flower, and *L. crispæ superba* and others showing well for bloom.

In the next house are some fine plants of *Cattleya Rex* showing well for bloom; some healthy specimens of the *Pescatorea* section of *Zygopetalum* unusually fresh-looking and vigorous. Mr. Shill, the Orchid-grower at Sunny Hill, keeps these always moist, and in a shady corner of the house where there is an even temperature, and the result is most satisfactory.

The cool-house has a good number of fine *Odontoglossums*, brilliant *Maadevallias*, *Oncidium*s, &c., and in the greenhouses are a show of greenhouse *Rhododendrons*, *Lilium Brownii*, *L. Wallichii*, and other *Lilies*; charming plants of *Schizanthus retusus* and *S. Grahami*, covered with flowers, and which are grown to perfection here, &c.

In the drawing-room, Mrs. Broome has some cleverly-arranged vases of cut Orchids, in which the fine golden sprays of *Oncidium ampliatus majus*, strong spikes of *Cypripedium philippinense*, pendent sprays of *Odontoglossum citrosimum*, and massive *Cattleyas*, are effectively used, and by their beauty give at least one good reason for growing Orchids. Visitor.

ORCHID NOTES AND GLEANINGS.

ONCIDIUM CONCOLOR SUPERBUM.

A GRAND variety of the beautiful canary-coloured *Oncidium concolor* is in flower in the collection of Dr. Jessop, Roundhay Mount, Leeds (gardener, Mr. T. Tyson). The vigour of the plant and large size of its pseudobulbs seemed to promise flowers of extraordinary size, and these have not belied the promise. Its bright-coloured flowers are more than 2 inches across transversely, and the fine labellum $1\frac{1}{2}$ inch wide, the bright orange edges of the crest and wings of the column adding much to its attractiveness. The inflorescence bore ten flowers. Like all of the *Oncidium*s from the Organ Mountains, it succeeds in a house which is maintained at a tolerably cool temperature. J. O'B.

CYPRIPEDIUM BELLATULUM ALBUM.

A most beautiful albino of *Cypripedium bellatulum* is now flowering in the collection of Sir Frederick Wigan, Clare Lawn, East Sheen, to which the above appropriate name has been given. The flower is of spotless white, with a little yellow on the centre of the staminode, and quite typical in size and shape. Further, the entire plant has lost all the purple markings, the underside of the leaves, as well as the scape, ovary, and bract being entirely green, and thus the albinism extends throughout the entire plant. It was discovered by Mr. R. Moore, Assistant Superintendent of the Shan States, the gentleman to whom we are indebted for the discovery of the beautiful *Cypripedium Charlesworthii*. Several plants are in existence, and were distributed by Messrs. Charlesworth & Co., to whom they were sent by Mr. Moore. It is a strikingly distinct form, and undoubtedly a great acquisition. R. A. R. [Shown at the Royal Horticultural Society on Tuesday last.]

CYPRIPEDIUM CHARLESWORTHII

was discovered by Mr. R. Moore at a place some 25 miles south-west of Lake Inle, high upon a limestone hill fully 5000 feet above sea-level; and very recently it has been gathered in quite an opposite direction 40 miles north-east of the lake, or some 60 miles from the place in which it was originally found. It appears to make its home on hills of a certain formation only. "I have been out with Shans, and on arriving at a particular place, they, by looking at the hill, will tell you whether *C. Charlesworthii* will be found there or not. If it occurs at all, it will be in large quantities, and not a plant will be found on neighbouring hills of different shape or formation. . . The roots cling to the rocks with extraordinary tenacity." *Orchid Review*.

ONCIDIUM HÆMATOCHEILUM.

This is a native of Trinidad, and, according to Mr. Potter, writing in the June number of the *Orchid Review*, it is a hybrid between *O. luridum* and *O. Lanceanum*. Mr. Potter gives various evidence in support of his conclusion.

ROUND BORDEAUX.

M. TREYERAN has, at his country house, a charming winter-garden attached to the billiard-room, and there many and splendid tree Ferns form the greatest ornaments. It leads into the great *Cattleya*-house, where are sturdy plants of *C. Mossiæ*, *Warneri*, and

Lawrenceana, in excellent health, as are also two very large plants of *Cymbidium Lowi*, well bloomed; the finest example that I know of *Sobralia macrantha*, very large plants of *Cypripedium*, &c. The paths here, as in all the other houses, are edged with a rockwork planted with Ferns, foliage *Begonias*, and similar plants. The whole effect is very pleasing. One house contains *Philodendron pinnatifidum*, of rare beauty and remarkable vigour, very large *Palms*, large plants of *Cycas revoluta*, &c.

Two other houses are specially devoted to *Cattleya*, of which plants M. Treyeran collects the best varieties and species. There are here *Cattleya Claesiana*, unusually well-grown examples of *C. Mossiæ*, very large clumps of *Lælia purpurata*, *Cattleya Mossiæ*, with flowers of unusual size; *C. Trianaei*, an elegant variety of *C. Schroderæ*, a very fine *C. Skinneri alba*, and other varieties. The *Odontoglossum*-house is well constructed, and here the plants grow well, although the climate of Bordeaux is not favourable to them. We noted a fine *O. Ruckeri*, an *O. excellens* with large perfectly formed flowers, fine wide petals, pure white in the centre, decidedly the most beautiful variety known. A fine *Odontoglossum Coradinei* was found near an *Oncidium cucullatum giganteum* of an unusually dark shade. Pollen grains of the maritime Pine are found in quantities 40 kilometres (25 miles) away from the borders of the Gulf of Gascony, in the water that fills the tanks of the *Odontoglossum*-house. In the hot-house a fine plant of *Selenipedium Schroderi* was noticeable for its splendid colouring, many examples of *Cypripedium Chamberlainianum* bloomed continuously, some fine plants of *Cattleya Schilleriana* were seen, beside some new plants, among which was a *Bromeliad* with leaves of a very deep red colour.

Besides these houses, there are others devoted to the cultivation of *Azaleas*, *Gloxinias*, &c. All are well kept, and attest the high degree of horticultural skill possessed by the proprietor, M. D. Treyeran, one of the most energetic of Bordelais horticulturists.

M. MARTIN CAHUZAC'S PLANTS.—M. Martin Cahuzac, the President of the Société Horticole and Viticole of La Gironde at Bordeaux, has a summer residence on the heights which surround the town, and whence he enjoys a magnificent prospect. The flower-garden which surrounds the houses abounds with *Roses* and *Carnations*; there is also a very fine collection of *Cannas*, with large flowers. The *Odontoglossum*-house deserves praise. In spite of the unfavourable climate of Bordeaux, the plants are in excellent condition; perforated pipes allow of the flow, from the end of May until September, of an abundance of water which ensures the maintenance of the necessary coolness and moisture. Thanks to this ingenious plan, *O. crispum*, *Pescatorei*, *Rossi*, *Ruckeri*, *citrosimum*, *Cochlioda*, as well as *Cattleya Mendeli*, *Schilleriana*, and *Mossiæ*, here grow and bloom excellently. In the fine *Cattleya*-house a splendid *C. Mossiæ alba* attracts attention, as well as great numbers of *Cypripedium*; a fine *Cypripedium Rothschildianum* is there, near an *Eulophiella Elisabethæ*. In another house we noticed a splendid *Phalænopsis Luddemanniana*, and particularly a charming variety of *Lælia elegans marginata*, with the petals bordered with purple; also an interesting collection of *Vanda*. There is here an unrivalled *Pritchardia macrocarpa*, and a beautiful variety of *Areca sapida* called *argentea*.

M. VIDEAUD has conservatories in the outer part of Bordeaux. One house contains very large specimens of *Cattleya*—one, *C. Mossiæ*, with six bulbs and fourteen spathes. A very large irregular rockwork allows the continuous passage of water, drop by drop. It is stocked with various plants, and has a charming effect. Mexican Orchids here grow to an unusual size; *Lycaste*, cultivated in baskets, form very large bulbs. We noted here some good varieties of *Cattleya Mossiæ* and some unusually fine *Lælia anceps*.

A second house is devoted to *Oncidium* with very large clusters of roots and bulbs; *O. hastilabium* with unusually fine bulbs, *Cattleya Mossiæ* with