THE

GARDENERS' CHRONICLE.

A Weekly Illustrated Journal

OF

HORTICULTURE AND ALLIED SUBJECTS.

(ESTABLISHED IN 1841.)

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JULY TO DECEMBER, 1883.

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GARDENERS' CHRONICLE.

Established 1841.

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CONTENTS.

Arbica montana	12	Hoya linearis var. sikkim-								
Bloomeria aurea, &c	12	ensis	8							
Botanical meetings	6	Hybrids	12							
Books noticed	25	Kitchen garden, the	15							
Buckinghamshire gar-		Liliums in flower	7							
den, a	8	Melons and Cucumbers	15							
den, a Camellias, late flowering	20	Nepenthes, Mr. Ratcliff's	18							
Cherries at Richmond	18	Odontoglossums, Mr.								
Chiswick gardens	16	Winn's	14							
Colonial notes	21	Onions, thinning	20							
Comparettia falcata	24	Orchids, Mr. Chamber-								
Corn Exchange Rose Show	19	lain's	14							
Cypripedium Curtisii	8	Orchid notes	14							
Dictamons Fraxinella	21	Paul & Son's hardy plant								
Epidendrum ionocentrum	8	nursery	10							
Figs, the falling of	22	Peas, early	20							
Flowers, hardy, at Gras-		Peaches and Nectarines	15							
mere	7	Plants and their culture	15							
Floral gum, French	16	Plants of Skakespeare								
Flower garden, the	14	Plants, new garden	5							
Flowers in season	12	Rhododendron punctatum	20							
Forestry ,	25	Societies :								
Fruit packing	19	National Rose	26							
Fruit crops.,	21	Richmond Horticultural	27							
Freaks of variegation	18	Tetramicera bicolor	20							
Gardeners' Royal Benevo-		Tulipa, the species of	11							
lent Institution	19	Vanda teres	14							
Glasgow, notes around	23	Warscewiczella picta	8							
Grape cultivation io Jersey	11	Weather, the	28							
Herbaceous border, the	12	Wild flowers, double	20							
· · · · · · · · · · · · · · · · · · ·										
ILLUSTRATIONS.										

ILLUST	RAT	IONS.			
				 	1
Hoya linearis var. sikkimeosis				 	- 8
Mimulus radicaos		••		 	2
Peloria of Tetramicera bicolor		• •		 	20
Raspberry hybrid, a	• •	• •	••	 	1

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South Kensington, S.W.

NOTICE!—COMMITTEES MEETINGS, Fruit and Floral, at 11 A M.; Scientific at 1 P.M.; General Meeting, for the Election of Fellows, &c., at 3 P.M. on TUESDAV NEXT, July 10. Fifth Promenade Show and Band, from 40 Clock. Admission 1s., which includes entrance to the Fisheries Exhibition.

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The ANNUAL EXHIBITION, will, by kind permission, be beld in the grounds of Mrs. Peon, The Cedars, Lee, on JULY 11 and 12. All particulars may be obtained of

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Business Notice.

Business Notice.

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in originating kinds which are regarded as natural species and varieties. Looking at different sections of Lilies, I am very doubtful respecting the position of many varieties. There is no doubt the hybridisation of Lilies in this country is in its infancy, and in a few years forms may evolve which will be simply astonishing in comparison with the present existing forms. L. longistorum is well known as the common white Trumpet Lily, with stems from 1 to 3 feet high, with shiny narrow leaves and white funuel-shaped perianth; tube 3 to 4 inches long, widening towards the top, while the limb is much more dilated, with short reflexed segments. In noticing the varieties of this 1 will confine myself to the more pronounced of them. Eximium has a longer and narrower tube than the type, while the limb is also broader, with more sharply revolute segments, and I think of greater sharply revolute segments, and I think of greater consistency and purer white. This variety is to my mind the finest ol all. The form known as Takesima produces very broad-limbed flowers, with spreading, but not reflexed flowers, while the tube is not quite so long as that of eximium, and it really seems more floriferous and vigorous than either of these described. The new variety about which we have heard so much under the name of Harrisi is nothing more than a vigorous growing form, with narrow pointed leaves, and long-tubed flowers; the latter closely approach those of eximium, but as to its perpetualflowering qualities, at present there is nothing in my bulbs to indicate anything more than the ordinary babits of longiflorum. Mr. Williams, I learn, insists that fresh stems are sent up immediately the preceding one has flowered, so as to produce a constant succes sion of flowers. It would be extremely interesting if cases where this has occurred were reported, the bona fides of which no one could doubt, as I, among many others, very much doubt if such a characteristic shows itself in any Lily, and did not for a moment expect to find it in this variety. Lilium July 2.



EPIDENDRUM IONOCENTRUM, n. sp.*

MUCH in the way of Epidendrum Brassavolæ, but larger. It has a shorter, broad bulb of a fine dark green colour, a raceme of 20-24 flowers, which are said to surpass those of the above-named species. The sepals and petals are lemon coloured, greenish-brown. The centre of the white lip is of the finest violet or purple. This curious and rare species was found by Messrs. Endres and Pfan.

WARSCEWICZELLA PICTA, n. sp.+

Much in the way of Warscewiczella discolor, but much rarer, and very curious. Its chief difference consists in the lip. The tablet-like greenish basilar callus has two teeth in front, and a few parallel ones on the sides. The rhomboid blunt acute much crisped lacinia of the lip is yellowish-white, with very numerous marginal deep purple broad lines, and a brownish border on each side of the base. Petals white. Sepals pale greenish, or yellowish-white. Column whitish, with some dark spots on the base, about the colour of which I have no memorandum. This very fine plant was discovered by late Endres, and lately found again by M. Pfau. H. G. Rehb. f.

ODONTOGLOSSUM RUCKERIANUM SPLENDENS, n. var.

This surpasses by far anything that I have seen, and I saw a glorious set of flowers. To begin with, the flowers are larger, the petals and sepals much broader, the blotches greater, and of warmest mauve; the places washed with lighter mauve are better painted, and the brown blotch on the disc of the lip

is of the hest colour. All the colours are as pure and limpid as possible. I had a branch of the inflor-I had a branch of the inflorescence of this grand variety from Mr. F. Sander, yet I hear the plant is now the property of the Right Hon J. Chamberlain, M.P., Highbury, Edghaston, Birmingham. H. G. Rehb. f.

HOYA LINEARIS (Wall.) VAR. SIKKIMENSIS, Hk. f. (figs. 1, 2).*

Of all the known species of Hoya this is decidedly one of the most distinct and most easily recognised, its weak pendulous stems and narrow leaves giving it a very different appearance from any other in cultiva-This plant, as its name implies, is a native of Sikkim, where it grows in the hot valleys at an elevation of from 4000-6000 feet, and from its habit it is probably epiphytical upon trees. Our illustrations are taken from a plant that flowered last autumo with Mr. Duno, Dalkeith Palace Gardens, Dalkeith; from which also the drawing in the Botanical Magazine was made, and not, as is by some error stated, there to be from a plant flowered by Messrs. Veitch. The stems are slender, flaccid, terete, and pendulous, clothed with soft spreading hairs; the leaves are soft and fleshy, sub-terete from the very strongly revolute margins, clothed with fine soft hairs, more appressed than those on the stem; the leaves from their flaccid nature

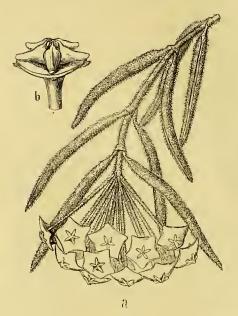


FIG. 1.-HOVA LINEARIS, VAR SIKKIMENSIS: NAT. SIZE, CORONA MAGN.

hang rather close to the stem except those just above the inflorescence, which are more spreading; the umbels are terminal and 10—13 flowered, the pedicels are slender and hairy like the stem, the corolla is nearly 1/2 inch in diameter, pentagonally 5-lobed, more or less reflexed, and of a waxy white colour, the corona consists of five stellately radiating lobes of a yellowish colour.

This Hoya will make a novel and handsome hasket plant, and can no doubt be easily propagated from cuttings. N. E. Brown.

CYPRIPEDIUM CURTISII, n. sp. +

It is very interesting to see how apparently distinct types blend by intermediate things. This Cypripedium Curtisii, of Sondaic origin, was discovered by the collector of Messrs. Veitch, Mr. Curtis, who has found so many good things, and whom we like much to com-pliment thankfully. It comes very near Cypripedium ciliolare, and near superbiens (Veitchianum). The leading feature, that strikes you first, consists in its gorgeous lip of quite unusual dimensions, with sharp, acute side angles. One of the modern philosophers might teach us for what purposes this unusual sac is

intended. All the hairs around the petals and the sepal are much shorter, thinner, and more distant than in Cypripedium ciliolare. The petals would appear to in Cypripedium ciliolare. The petals would appear to be much narrower, of course, descending, as in the other species of the group. The spots are generally much smaller than in Cypripedium ciliolare, where bigger ones are spread over the whole lamina, whereas such ones are only here on the margin. They appear, however, not to be found at all at the top of the petals in ciliolate whereas they are the petals in ciliolate whereas they are the petals. in ciliolare, whereas they are very numerous in that spot in our species. My materials of Cypripedium ciliolare are, however, not rich. Two fresh plants were sent me kindly by Mr. F. Sander to judge the difference in the leaves. If these plants are quite normal, then the leaves of both species are very distinct. They are far broader, far more acute in our novelty, and washed with much darker hieroglyphic marks on a darker ground. We are becoming very rich in Cypripedia. ground. We a H. G. Rehb. f.

ONCIDIUM NIGRATUM.

Among the many new and rare Orchids now in bloom at Messrs. James Veitch & Son's, King's Road, Chelsea, is the curious and beautiful Oncidium Road, Chelsea, is the curious and heauthil Oncidium inigratum described at p. 790, vol. xix. It is surprising how so small a plant could send out such a heavy spray of these beautiful starry flowers, like those of Odontoglossum nævinm, but smaller.

A BUCKINGHAMSHIRE GARDEN.-IX.

June 6 .- It is difficult to know what to say about the garden in June! There is so much to say I can hardly tell how to begin. The leafy month earns well its title, so grandly full-leaved are the trees; in finer leaf, I think, than they have been for many a year. The Elms stand out against the sky in rounded blocks of green, and in the Lime avenue the broad leaves meeting overhead are round and pure in outline, untouched as yet by destroying worms, untorn by tempests. The young Chestnuts along the little watercourse are nearly twice the size they were last summer, when cruel winds had left them only a few ragged discoloured leaves. The flower-spikes of one Chestnut within the garden measure near a foot in length. The great red Horse Chestnut is red all over; it is a mass of blossom, almost from the ground, upwards to the very top. The tree is a fine sight, and if it were not so common one scarcely could tire of admiring it. The season makes a great difference in the colouring of the blossoms. Sometimes they come out almost yellow from too little sun and too much rain; but in the rich floraison of to-day their colour is almost crimson. Then the Thorns are, or have been, in great perfection; the branches of double pink May can be compared to nothing but bars of pink velvet. The double scarlet varieties are finer than usual, and under the hot sun their vivid colour is quite dazzling. We find them capricious, however; some years there is more green than red, and when the trees were younger the red was finer. A little single Thorn draped itself down to the very grass in scarlet bloom; but it lasts so brief a time, every petal now has fallen. It is a picturesque delightful tendency in all trees to bend and stretch out to meet each other; their branches love to touch and interlace. So, at this time, across many of our green garden walks, the flowering May makes beautiful red-gar-landed arches. Pink May and Laburnum in-terweave their branches, and in another place a Cherry and a Thorn have succeeded in meeting. A little further on an Apple reaches out long arms above the turf, to touch a copper Beech. Here, in this corner, there is also Laurel; and Brake Fern, springing of itself, will soon be tall enough to reach almost the Apple branches. The Beech on either side the allée verte embower the walk, while along the outmost line their slender drooping shoots stretch themselves to meet and embrace more staid and slow young Elm branchlets, spreading from the great old trees. nightingales' old White Thorn shone white like a great snow mountain for about ten days, surpassing all the rest in beauty; and not far from it, deep in a thorny thicket of Blackberry mixed with Ivy and Nettles, we found the nightiogale's nest. I often visited her, and she would lie close, with head laid back, and bright black, watchful eye fixed full upon me; but I never saw her strange smoked eggs, because she would never stir from the nest. Massive gleams—if such an anomaly can be said—of yellow, Spanish and

conico; staminodio transverso altiusculo lato, dente introrso utriaque extus, apiculo mediano. In ins. Sondaic det. cl. Curtis cel. merc. J. Veitch & Son, viatori, H. G. Rehb. f.

^{*} Epidendrum ionocentrum, n. sp. - Affine Epidendro Brassa-"Epidendrum conocentrum, n. sp.—Affine Epidendro Brassa-vo'æ: pseudobulbo brevi (15"); peduncula multifloro (ad 24); sepalis tepalisque lanceis acuminatis; labello basi utrinque mmute obtuse auriculato, callis ligulatis geminis obtusis inter-positis, lamina triangula caudata basi ad isthmum brevissimum rotundata; androclinii ligula postica denticulata, alis lateralibus rhombeis. H. G. Rehb. f.

[†] Warscewiczella picta, n. sp.—Aff. W. discolori: labello rhombeo obtuso undulato; callo baseos forcipato lateribus denticulis nonnullis parvis. {Zygopetalum pictum, Rchb. f.; Sert. Endr., tab. 9) H. G. Rchb. f.

^{*} Hoya linearis (Wall) var. sikkîmensis, Hk. f., in Botanical

Magazine, t. 6682.
† Cypripedium Curtisii, n. sp. – Aff. C. superbienti et ciliolari; sepalo impari elliptico acuto; tepalis angustis acutis bre-vioribus magis distanter ciliatis; labelli ungue facie æquali, angulis parvis lateralibus optime acutis, facie maximo obtuse