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THE
ORCHID REVIEW

An Illustrated Monthly Journal

DEVOTED TO ORCHIDOLOGY IN ALL ITS BRANCHES



VOLUME I

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THE
ORCHID REVIEW:

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*DEVOTED EXCLUSIVELY TO ORCHIDOLOGY
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NOVELTIES.

SELENIPEDIUM SARGENTIANUM, Rolfe.—A new *Selenipedium* has appeared among the importations of Messrs. F. Sander and Co., of St. Albans, from the Pernambuco district, making the fourth Brazilian species now known. One, however, *S. Isabelianum*, Rodr., belongs to the section *Foliosæ*, and is allied to *S. Chica*, Rchb. f., the fruits of both being used like *Vanilla*. The second is *S. vittatum*, Rchb. f., which is still very rare in cultivation, and the third, *S. paulistanum*,¹ is, I believe, only known in Europe by description. The present one, however, is more nearly allied to *S. Lindleyanum*, from Mount Roraima, in British Guiana, to which it bears a general resemblance in shape and colour, though it differs in a variety of particulars, and especially in the presence of a pair of small white tubercles on the inner margin of the side lobes of the lip, by which it may at once be distinguished from every other. It is dedicated to Prof. C. S. Sargent, Director of the Harvard University Arboretum, and editor of *Garden and Florist*. Its characters are set forth in the accompanying description:—

Habit and foliage near *S. Lindleyanum*, Rchb. f. Upper sepal elliptical-oblong, sub-obtuse, pubescent, $1\frac{1}{2}$ in. long, 8 lin. broad; lower one broadly suborbicular-elliptical, concave, 1 in. long, 10 lin. broad. Petals subspathulate-linear, obtuse, with deflexed apex, pubescent except on the disc, $2\frac{1}{4}$ in. long, 5 lin. broad. Lip oblong, $1\frac{1}{2}$ in. long, 8 lin. broad; front-lobe $\frac{1}{2}$ in. long; infolded side-lobes 5 lin. deep, with a small white tubercle on either side near the middle of the lower margin; mouth elliptical. Staminode obovate-quadrate, pubescent, 4 lin. broad. Ground colour of flower light greyish green; the upper sepal faintly suffused with pink in front, suffused and veined with bright red-pink behind; the lower one more distinctly veined; petals veined in front with purplish red near the apex and along the margins, darker behind; lip light olive-green, slightly veined with pink on the sides, the side lobes wholly marbled with light brown, except the two white tubercles; staminode very light green with faint pink hairs.

LYCASTE ROSSIANA, Rolfe.—This is a yellow *Lycaste* allied to *L. cruenta*, Lindl., but the flowers are a little smaller, and the lip is without the basal cavity and the broad transverse maroon band seen in that species. The crest is also different in shape, and the disc bears numerous longish hairs which are not present in that species; yet it is quite different from *L. crinita*, Lindl., which also has a hairy disc. It appeared in the collection of H. J. Ross, Esq., of Florence, Italy, in June of the present year:—

Sepals lanceolate-oblong, subacute, nearly $1\frac{1}{2}$ lin. long, greenish yellow with a few white hairs at base. Petals elliptical-oblong, subacute, 8 lin. broad, deep orange-yellow with a few light brown spots near the hairy base. Lip three-lobed, faintly barred with transverse brown lines on the disc and side lobes; front lobe ovate; obtuse, 7 lin. long, 6 lin. broad; side lobes rounded; crest rounded in front, 2 lin. broad; free apex scarcely as long, with some longish hairs on the disc. Column 9 lin. long, yellow, its face hairy and mottled with light red-brown, which is darker and more suffused near the base. Habitat not recorded.

¹ *S. paulistanum*, Rolfe. *Cypripedium paulistanum*, *Rodr. Gen., et Sp. Orch. nov.*, I. (1877), p. 203.—Hab. S. Paulo, Brazil.