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CURTIS'S  
BOTANICAL MAGAZINE,

COMPRISING THE  
Plants of the Royal Gardens of Kew,  
AND  
OF OTHER BOTANICAL ESTABLISHMENTS IN GREAT BRITAIN,  
WITH SUITABLE DESCRIPTIONS;

BY  
JOSEPH DALTON HOOKER, M.D., C.B., P.R.S., F.L.S., &c.  
D.C.L. OXON., LL.D. CANTAB., CORRESPONDENT OF THE INSTITUTE OF FRANCE.

VOL. XXXII.  
OF THE THIRD SERIES;  
(Or Vol. CII. of the whole Work.)

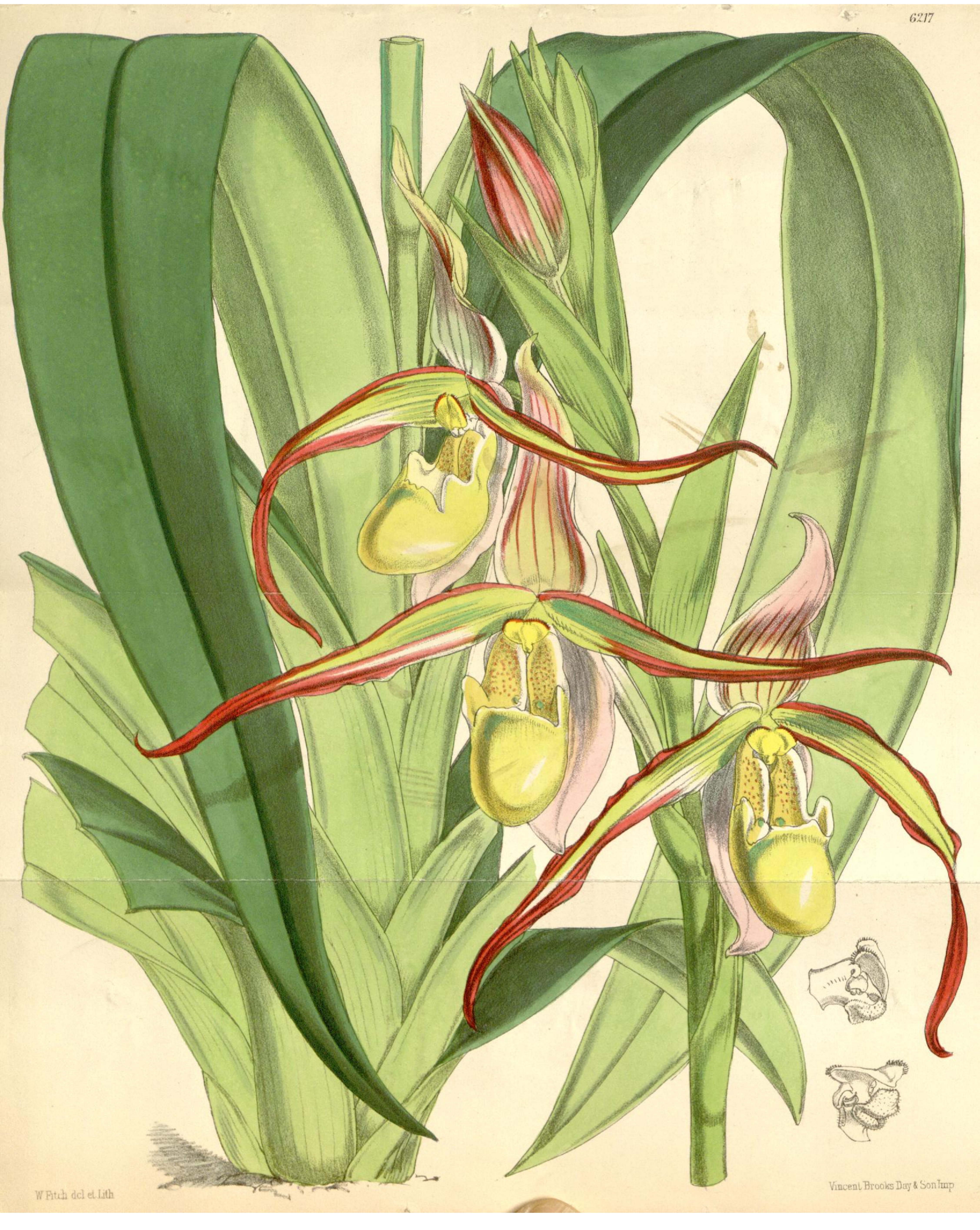


"In all places, then, and in all seasons,  
Flowers expand their light and soul-like wings,  
Teaching us by most persuasive reasons  
How akin they are to human things.  
LONGFELLOW. "Voices of the Night."

LONDON:  
L. REEVE & CO., 5, HENRIETTA STREET, COVENT GARDEN.  
1876.

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Mo. Bot. Garden  
1897.



## CYPRIPEDIUM ROEZLI.

*Native of New Grenada.*

Nat. Ord. ORCHIDÆÆ.—Tribe CYPRIPEDIÆÆ.

Genus CYPRIPEDIUM, Linn. (*Endl. Gen. Plant.*, p. 220).

CYPRIPEDIUM (Selenipedium) *Roezli*; foliis distichis elongato-ligulatis 2-pedalibus 2 poll. latis attenuato-acuminatis carinatis, scapo viridi multifloro vaginato, vaginis appressis, bracteis erecto-patentibus lanceolatis acuminatis ovarium superantibus, sepalo dorsali ovato-lanceolato acuto rubro-purpurascete, lateralibus in laminam ovato-oblongam obtusam labello æquilongo suppositam connatis carneis, petalis sepalis duplo longioribus horizontaliter patentibus anguste linearibus pallidis rubro-marginatis, labello oblongo flavo-viridi, ore amplo margine auriculato, staminodio triangulari-cordato margine purpureo-villoso, ovario 3-loculari.

Selenipedium *Roezli*, *Rchb. f. in Regel Gartenfl.*, 1871, 163, t. 714, et 1873, 97, t. 754.

Cypripedium *Roezli*, *Ill. Hort. N. S.*, t. 138.

The nearest ally of this magnificent species is undoubtedly *C. longifolium* (Tab. nost. 5970), which differs in its much smaller stature, narrower leaves, spreading sheaths of the purple scape, shorter, more obtuse dorsal sepals, and colour of the flower. In all essential characters they agree very closely indeed, and the almost identical structure and form of the lip and sexual apparatus suggest the possibility of their being races between which intermediates will be found. For horticultural purposes *C. Roezli* is incomparably the finest of the two, not only in colour, but on account of its size, it being by far the largest of the genus hitherto discovered. Probably these species would hybridise with facility, but I see nothing to be gained by such a proceeding, *C. longifolium* presenting no one superiority but the bright red colour of its scape.

*Cypripedium Roezli* is a native of New Grenada, where it was found by Roezl on the banks of the Dagua river, which, according to Regel, occupies a valley between two ranges of the Andes. I find, however, no such river on the map, but a small town of Dagua on the western declivity of the Andes,

MARCH 1st, 1876.

near the Bay of Choco. The specimen here figured flowered at Messrs. Veitch's establishment in January, 1874. It is said to flower perennially and profusely, a statement inconsistent with the habits of any plants in continuous health, but which, if taken with the caution to be used in accepting the laudatory advertisements of choice plants, may be regarded as evidence of its being a very free flowerer.

DESCR. Quite glabrous. *Leaves* two feet long and upwards, nearly two inches broad, strap-shaped, narrowed into a point, keeled, deep green above, pale beneath. *Scape* sometimes three feet high, strict, green, many-flowered, sheaths appressed. *Bracts* three inches long, green, strict, erecto-patent, lanceolate, acuminate, compressed, rather exceeding the ovary. *Flowers* very large, five inches long from the tip of the dorsal sepal to that of the combined lateral ones, and seven inches broad across the petals. *Dorsal sepal* ovate-lanceolate, acuminate, waved, yellowish-green, with a suffused rose-purple border; two lateral sepals combined into an ovate-oblong, obtuse, flesh-coloured, concave limb. *Petals* narrowly linear-lanceolate, horizontal, with bright red-purple border and tip. *Lip* three inches long; saccate portion green, half the length of the whole, with auricled sides and truncate mouth; edges of lip above the sac inflexed, with flat, dirty yellow surfaces speckled with pale red. *Staminodes* triangular-cordate, with red-purple villous margins.—*J. D. H.*

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Fig. 1, Lateral, and 2, side view of staminode :—*magnified.*