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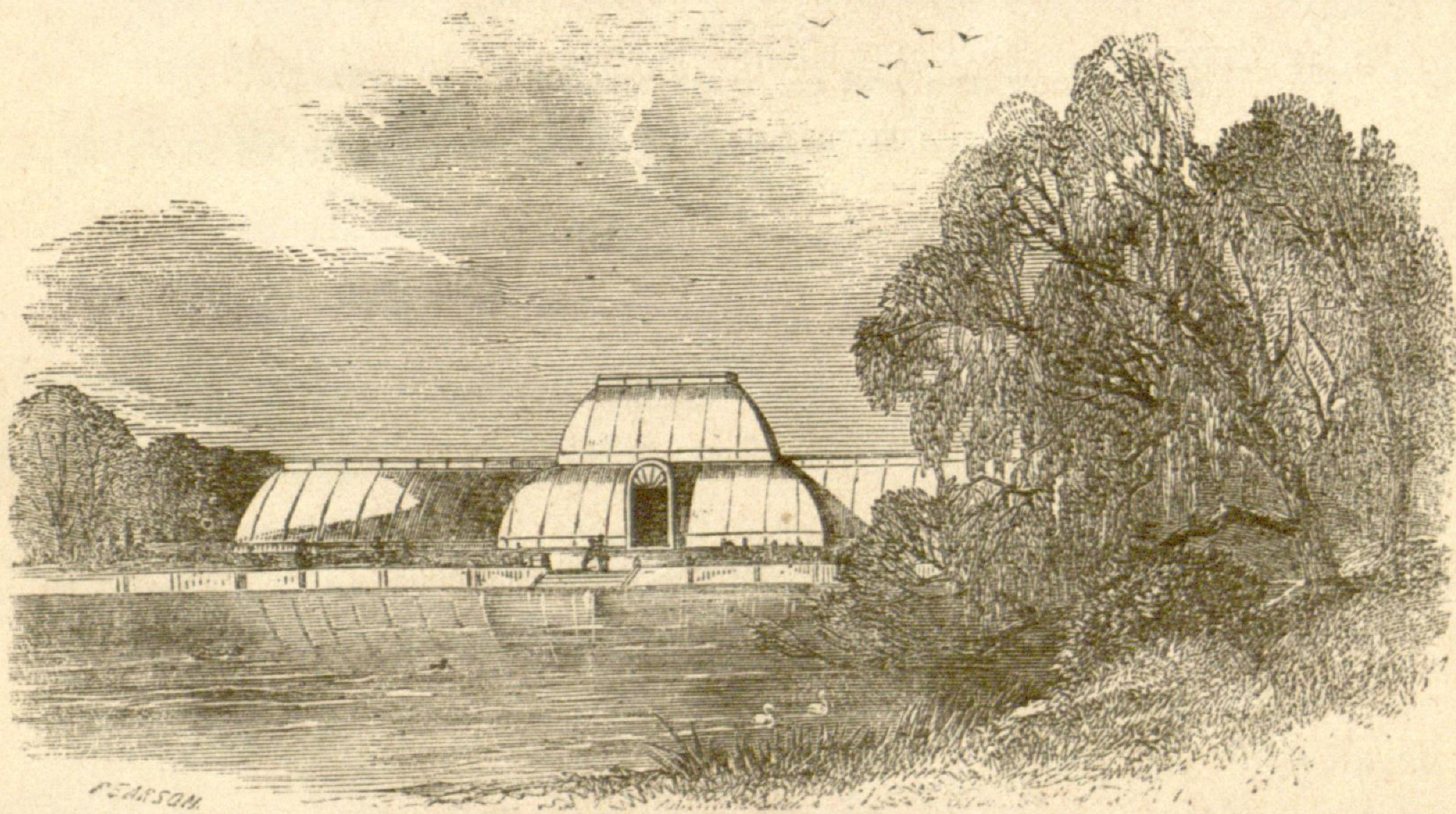


CURTIS'S  
BOTANICAL MAGAZINE,

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., F.R.S., L.S., &c.  
D.C.L. OXON., LL.D. CANTAB., CORRESPONDENT OF THE INSTITUTE OF FRANCE.

VOL. XXVIII.   
OF THE THIRD SERIES;  
(Or Vol. XCVIII. of the Whole Work.)



He spake of plants, divine and strange,  
That every hour their blossoms change,  
Ten thousand lovely hues!  
With budding, fading, faded flowers,  
They stand, the wonder of the bowers,  
From morn to evening dews.—WORDSWORTH.

LONDON:  
L. REEVE & CO., 5, HENRIETTA STREET, COVENT GARDEN,  
1872.

Mo. Bot. Garden,  
1897.







## CYPRIPIEDIUM LONGIFOLIUM.

*Native of Central America.*

Nat. Ord. ORCHIDÆ.—Tribe, CYPRIPIEDIÆ.

Genus CYPRIPIEDIUM, Lindl. ; (*Endl. Gen. Plant.*, vol. i. p. 220).

CYPRIPIEDIUM (*Selenipedium*) *longifolium*; foliis distichis elongato-ligulatis longe attenuato acuminatis carinatis, scapo sparse puberulo multifloro bracteato, bracteis spathaceis lanceolatis acuminatis ovarium superantibus, sepalo dorsali ovato-lanceolato obtuso virescente, lateralibus in laminam late ovatam labello æquilongam suppositam obtusam connatis, petalis sepalis multo longioribus anguste elongato-lanceolatis virescentibus albo-marginatis linea rubra intramarginali percursis, labello oblongo-ovoideo obtuso e viridi purpurascente, ore amplo antice emarginato, lateribus lobulatis, staminodio triangulari-cordato, lateribus tumidis purpureo-villosis, ovario 3-loculari.

CYPRIPIEDIUM *longifolium*, *Warsz. et Rchb. f. in Bot. Zeit.* 1852, p. 690.SELENIPEDIUM *longifolium*, *Rchb. f. Xenia. Orchid.*, vol. i. p. 3; *Beitr. Orchid. Cent. Amer.* p. 44; *Gard. Chron.* 1869, p. 1206.

By far the stateliest species of the genus hitherto discovered, and an exceedingly handsome plant, though by no means remarkable either for colour or form, as compared with some of its congeners. Its three-celled ovary places it in the genus *Selenipedium* of Reichenbach f., and its habit in close affinity with *C. caricinum*, (*Pearcii*, Hort. : Tab. nost. 5466); to which genus (which we are disposed rather to regard as a subgenus,) also belong *C. caudatum*, Lindl., and seven other species enumerated by Reichenbach, all of them American.

*C. longifolium* was discovered by M. Warszewicz, in the Cordillera of Chiriqui, in Central America, at an elevation of 5–8000ft, and introduced into Europe about ten years ago. The superb specimen here figured was exhibited at the Horticultural Society in January of the present year, by Mr. Bull, F.R.S., of Chelsea, and kindly by him placed at the disposal of the artist of the Botanical Magazine for figuring.

JUNE 1ST, 1872.



DESCR. *Leaves* distichous, recurved, eight to twelve inches long by two-thirds of an inch broad, narrow ligulate for two-thirds of their length, then gradually tapering to an acuminate point, sharply keeled, the lower third complicate, bright green. *Scape* two feet high, stout, dark red-purple, sparingly pubescent, bracteate; bracts cauline and floral two to four inches long, spathaceous, lanceolate from a short sheathing base, yellow green with purplish edges, the floral exceeding the ovary. *Ovary* very slender, 3-celled, dark red-purple. *Flower* seven inches across the petals, and four from the tip of the dorsal sepal to that of the lip. *Sepals* pale yellow-green, faintly streaked with purple; dorsal ovate-lanceolate, obtuse; lateral connate into an ovate obtuse blade placed under the lip and shorter than it. *Petals* spreading, very narrowly lanceolate, slightly twisted, pale green, with a white border and red intramarginal band. *Lip* two inches long, oblong, green and dull purple, hairy within, tip rounded; mouth truncate and notched in front, its sides lobed and auricled, the inflected margins yellow, with pale purplish dots. *Staminode* broadly triangular-cordate, with raised purple-villous sides.—*J. D. H.*

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Fig. 1, Lateral, and 2, front view of column:—both magnified.