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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

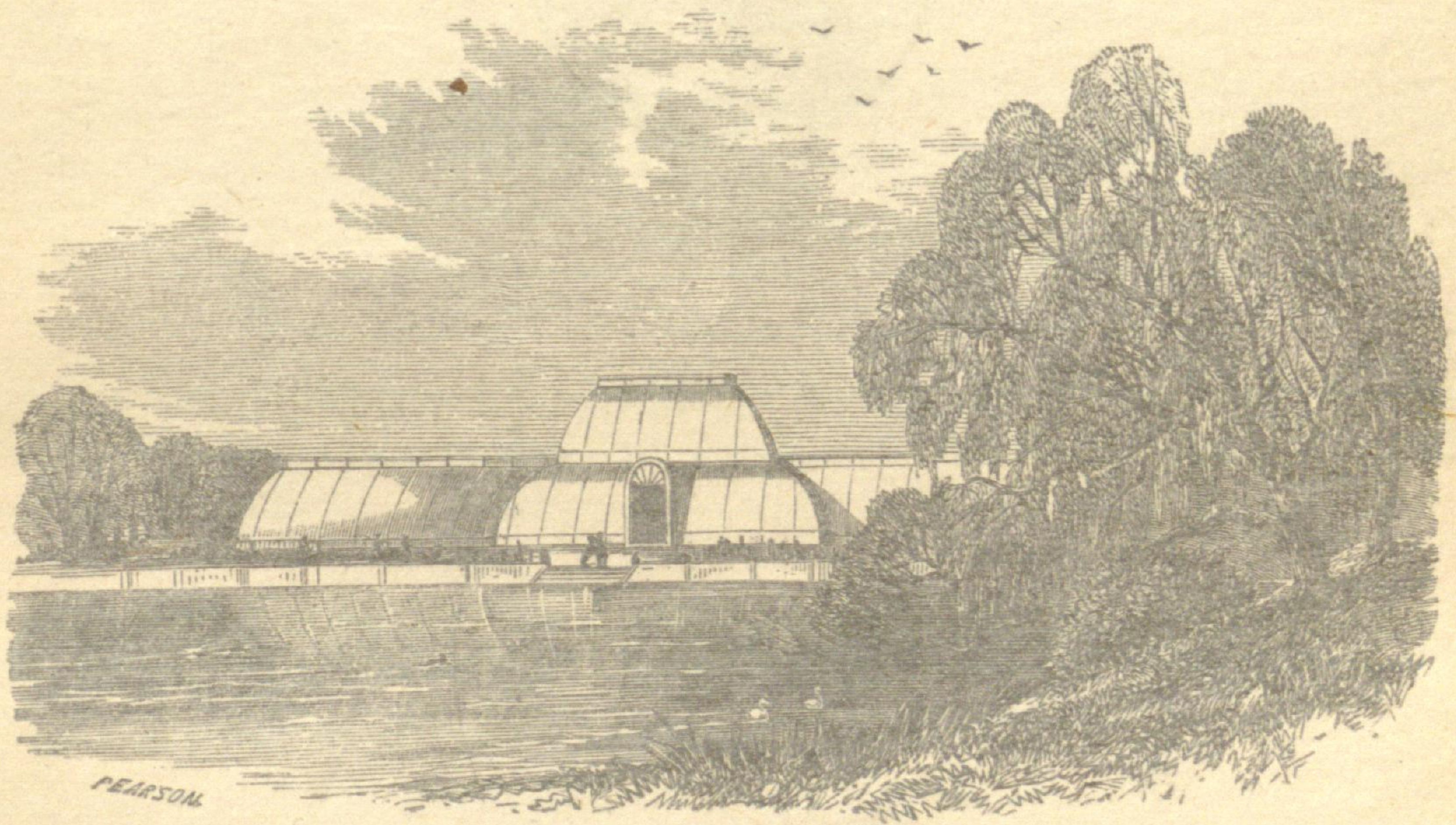
JOSEPH DALTON HOOKER, M.D., F.R.S. L.S. & G.S.,

HONORARY MEMBER OF THE PHILOSOPHICAL INSTITUTE OF CANTERBURY, NEW ZEALAND,  
AND DIRECTOR OF THE ROYAL GARDENS OF KEW.

VOL. XXI. v

OF THE THIRD SERIES;

(Or Vol. XCI. of the Whole Work.)



“Spake full well, in language quaint and olden,  
One who dwelleth by the castled Rhine,  
When he called the flowers, so blue and golden,  
Stars that in earth's firmament do shine.”—*Longfellow.*

LONDON:

REEVE & CO., HENRIETTA STREET, COVENT GARDEN.

1865.

Mo. Bot. Garden,

1897.



## CYPRIPEDIUM LÆVIGATUM.

*Glossy-leaved Lady's-slipper.*

Nat. Ord. ORCHIDÆ.—GYNANDRIA DIANDRIA.

*Gen. Char. (Vide supra, TAB. 5349.)*

CYPRIPEDIUM *lævigatum*; foliis distichis ensiformibus coriaceis obtusiusculis lævigatis immaculatis scapo pubescente stricto 3-5-floro brevioribus, bracteis ovatis acutis ovario 2-plo brevioribus, sepalis lateralibus connatis dorsali ovato acuto conformibus, petalis sepalis 4-plo longioribus linearibus sursum in margine setoso-glanduligeris contortis acuminatissimis, labello angusto oblongo acutiusculo, staminodio cordiformi emarginato. *Bateman.*

*C. lævigatum. Bateman, mss.*

This fine new *Cypripedium* was discovered by Mr. J. G. Veitch in the Philippine Islands, and by him sent to his father's establishment at Chelsea, where it bloomed for the first time in March last. It is most nearly related to *C. Stonei*, the only other species known to have glossy leaves, but differs from it in the form and colour of its lip, which is small and of a dirty yellow, while that of *C. Stonei* is large, with a pink front on a white ground; the petals, too, of *C. Stonei* are not twisted, and only twice the length of the sepals, while in *C. lævigatum* they are much twisted, and at least four times the length of the sepals. Again in *C. Stonei* the dorsal sepal is striped on the outside with crimson, but is white within, whereas in *C. lævigatum* the crimson stripes are all on the inside.

Mr. Veitch found *C. lævigatum* established upon the roots of the well-known *Vanda Batemanni*, to obtain which was one main object of his voyage, though he sought for it long in vain, and had almost begun to despair of ever meeting with it, when running his boat one day ashore in the bay of a small island, he was delighted and astonished to find the rocks by the coast covered with huge masses of the plant of which he was in quest. As the *Vanda* affects a warm situation, the *Cypripedium* should be treated in the same way. At Chelsea it is placed in the East India house, where it grows freely.

MAY 1ST, 1865.

DESCR. *Leaves* distichous, sword-shaped, less than a foot long, very thick, with a polished glossy surface. *Scape* twice the length of the leaves, slightly pubescent, bearing from two to five flowers. *Bracts* ovate, acute, half the length of ovary. *Dorsal sepal* an inch long, broadly ovate, hairy externally, striped inside with purple, ovate, acute; lateral sepals coalescing into one, resembling the upper one in form, but more acuminate, striped inside with green. *Petals* five or six inches long by little more than a quarter of an inch wide, tapering, crenulate along their upper margin, on which are some dark, hairy, glandular spots; at the base they are of a green tint, which changes into chocolate-purple for about three-fourths of their entire length. *Lip* small for the genus, about as long as upper sepal, unguiculate for less than half its length, then abruptly saccate, with a curious bilobed horny process on either side, of a dirty-yellow throughout. *Ovary* pubescent, about two inches long, purplish-brown. *Column* or sterile stamen heart-shaped at its apex, and emarginate.—*J. B.*

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Fig. 1. Front view of lip. 2. Side view of sterile stamen (column), with its appendages. 3. Front view of ditto :—*magnified.*

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