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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

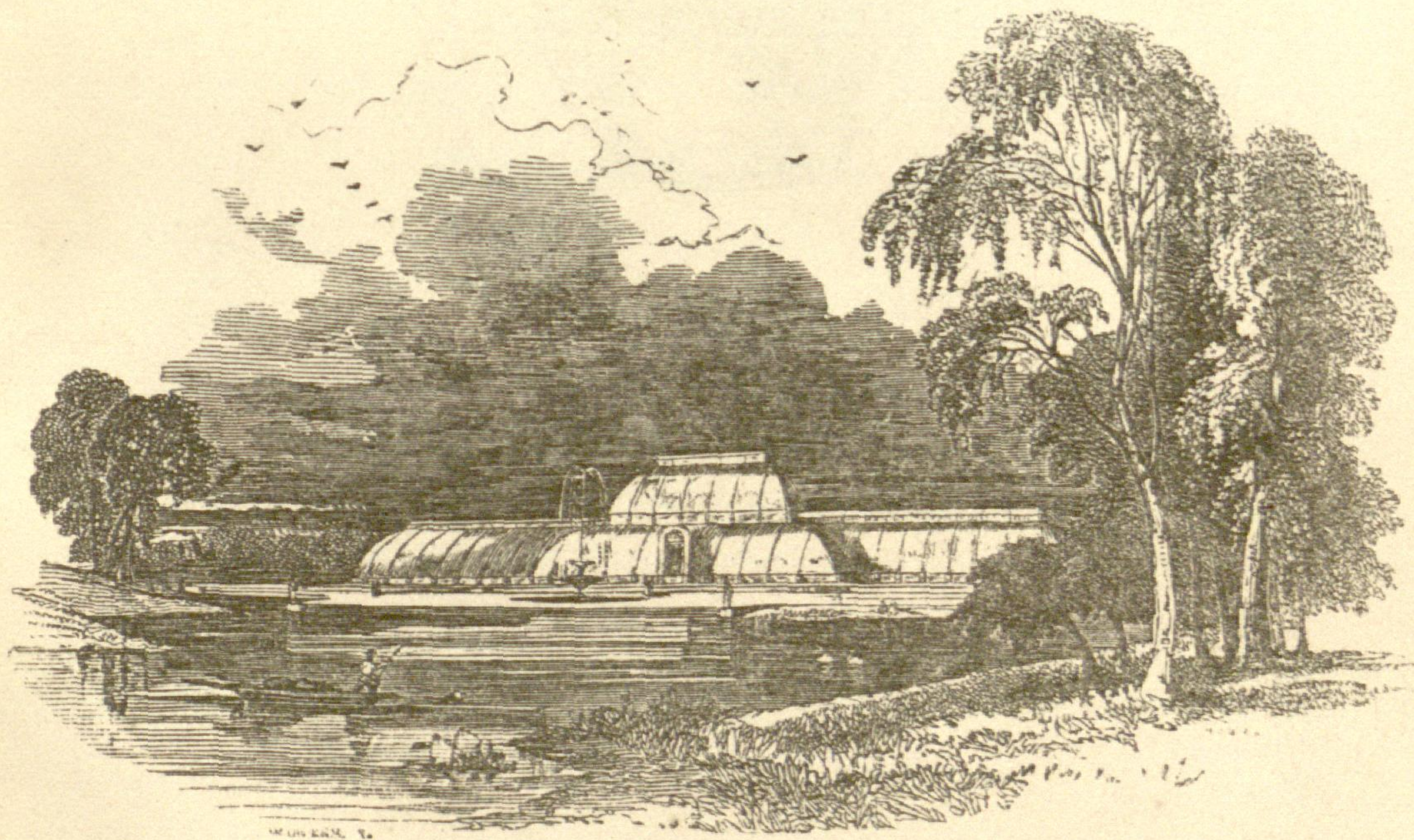
SIR WILLIAM JACKSON HOOKER, K.H., D.C.L. OXON.,

LL.D., F.R.S.A. AND L.S., DIRECTOR OF THE ROYAL GARDENS OF KEW.

VOL. XII. ☐

OF THE THIRD SERIES;

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



“ Not a flower  
But shows some touch, in freckle, streak, or stain,  
Of His unrivalled pencil.”

pls. 4891-4957

LONDON:

LOVELL REEVE, HENRIETTA STREET, COVENT GARDEN.

1856.

MISSOURI  
BOTANICAL  
GARDEN.



## CYPRIPEDIUM PURPURATUM.

*Purple-stained Lady's Slipper.*

Nat. Ord. ORCHIDÆ.—GYNANDRIA DIANDRIA.

*Gen. Char.* Perianthium patens. Sepala lateralia connata aut distincta, labello supposita. Petala libera, sæpius angustiora. Labellum inflatum, margine utrinque auriculato inflexo. Columna nana. Stamina 3, quorum unum sterile centrale dilatatum inflexum, et 2 fertilia lateralia; antheræ sub stamine sterili latentes, subrotundo-biloculares. Pollen pulverulento-glandulosum. Stylus subliber, teres, stigmatē disciformi terminatus.—Herbæ terrestres utrinque orbis, ab æquatore fere ad circulum arcticum vigentes. Folia radicalia aut caulina, coriacea aut plicata. Flores solitarii racemosi v. paniculati, speciosi. Lindl.

CYPRIPEDIUM *purpuratum*; acaule, foliis oblongis acutis striatis maculatis basi equitantibus, scapo aphylo pubescente, sepalo dorsali acuminato margine revoluto, petalis ovali-oblongis acutis marginibus superne præcipue ciliatis (non verrucosis), stamine sterili lunato.

CYPRIPEDIUM *purpuratum*. Lindl. Bot. Reg. v. 23. t. 1991. Wight, Ic. Plant. Ind. Or. v. 5 t. 1760?

We have already, under our *Cypripedium barbatum* (Tab. 4234), indicated the very close affinity between that and *C. venustum*, Wall., and our present plant. The chief distinction rests on the absence of the warts at the upper edge of the petals, and those petals are in the plant before us much broader than those of *C. barbatum*; but their characters seem constant, and we think that *Cypripedium* (so called) *purpuratum* of Dr. Wight, above quoted, should rather be referred to *C. barbatum*, for the petals are very narrow, and though the verrucæ themselves are not distinctly exhibited (the drawing being most likely taken from the dried specimen), yet the marginal hairs are represented in tufts, as if they grew from warts. It is a lovely species, whether the size and beauty of the flowers or the mottled foliage be considered: native of the Malayan Archipelago, and flowers in a damp stove in November.

DESCR. Stem none. Leaves radical, the longest four to five inches long, oblong, moderately acute, often bi-trifid at the point, distichous, sheathing and equitant at the base; the surface is

striated, and between the striæ is alternately, in blotches, green and white (or whitish-green); the substance subcoriaceous. *Scape* from a small upright sheathing central leaf, eight to ten inches long, terete, purple, naked, pubescenti-hirsute. *Flower* large, solitary, terminal. At the base of the long, club-shaped, furrowed, downy *ovary* is a rather large green upright *bract*. *Sepals* spreading, two upper ones very large, subrotund, much acuminate, white, richly striped with purple; *lower sepal* (two combined) small, oblong, lanceolate, directed downwards. *Sepals* large, spreading, oblong, acute, brownish-purple, streaked, at the base spotted with deeper purple. *Labellum* large, unguiculate, helmet-shaped, greenish-purple, obscurely veined. *Sterile stamen* very large, reniform.

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