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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;

AND

A SUPPLEMENT OF BOTANICAL AND HORTICULTURAL INFORMATION;

BY

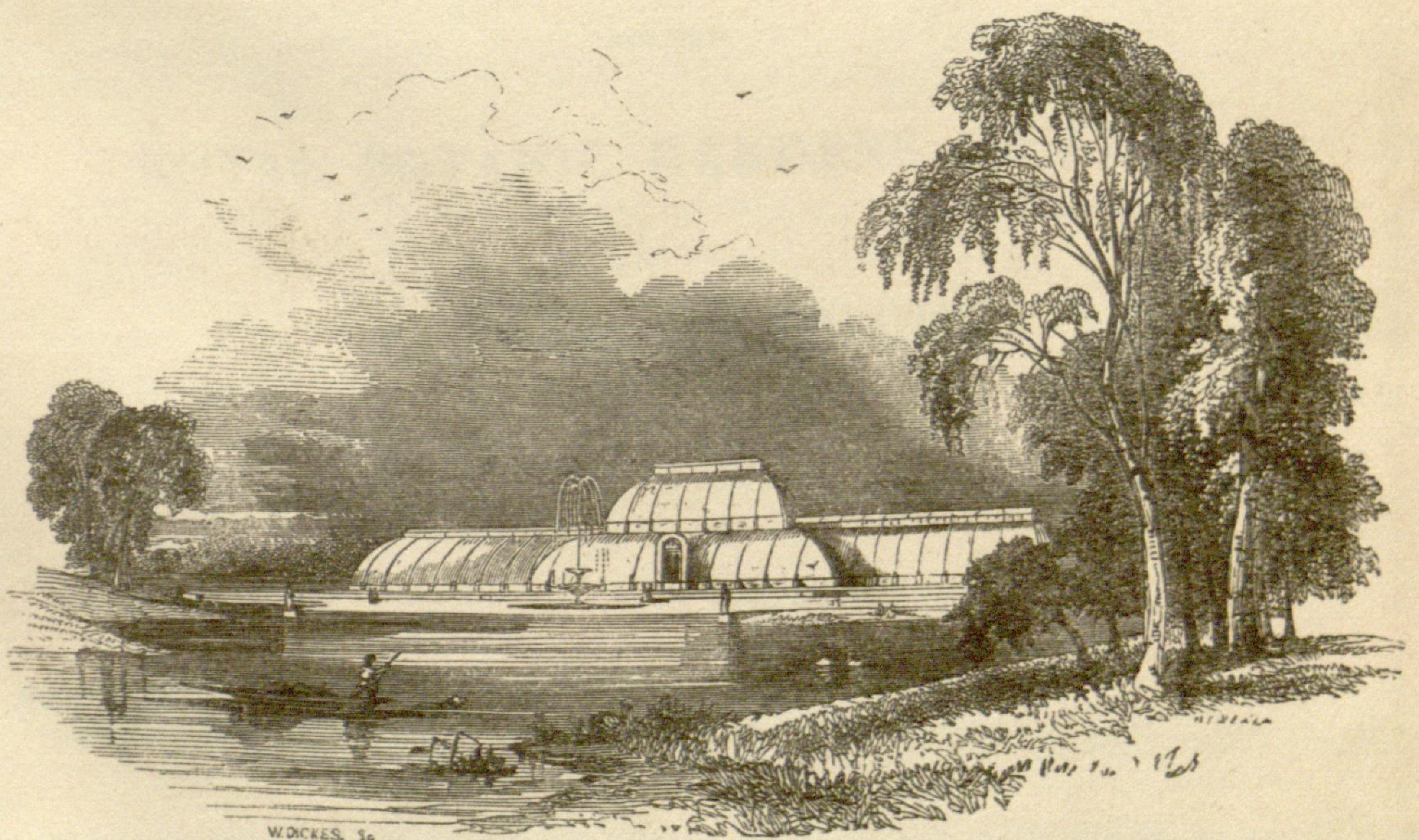
SIR WILLIAM JACKSON HOOKER, K.H., D.C.L. OXON.

LL.D., F.R.S., and L.S., Vice-President of the Linnæan Society, and Director of the Royal Gardens of Kew.

VOL. II. □

OF THE THIRD SERIES;

(Or Vol. LXXII of the whole Work.)



"There Summer reigns with one eternal smile."

LONDON:

REEVE, BROTHERS, KING WILLIAM STREET, STRAND.

1846.



CYPRIPEDIUM BARBATUM.

Bearded Ladies' 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, subrotundæ, 2-loculares. Pollen pulvereo-granulosum. Stylus subliber, teres, stigmatè disciformi terminatus.—Herbæ terrestres utriusque orbis, ab equatore fere ad circulum arcticum vagantes. Folia radicalia aut caulinea, coriacea aut plicata. Flores solitarii racemosi v. paniculati, speciosi. Lindl.

CYPRIPEDIUM *barbatum*; acaule, foliis coriaceis acutis canaliculatis maculatis, scapo pubescente, sepalo dorsali cuspidato obtuso ciliato margine revoluta, petalis lineari-oblongis subundulatis fimbriatis margine superiore verrucoso, stamine sterili lunato pubescente. Lindl.

CYPRIPEDIUM *barbatum*. Lindl. Bot. Reg. 1841. Misc. n. 110. Bot. Reg. 1842. t. 17.

CYPRIPEDIUM *Javanicum*. Bl. Cat. 98. Hassk. Cat. Hort. Bogor. p. 48.

It is with no small reluctance that I represent this as a species distinct from *Cypripedium venustum*, Wall. in Bot. Mag. t. 2129, and Exot. Fl. t. 35; or even from the *C. purpuratum*, Lindl. Bot. Reg. t. 1991, the only distinguishing character being in the "purple hairy shining warts which border the upper edge of the petals" in our present plant. But assuredly such warts, in a greater or less degree do exist on those of *C. venustum*, though they are obsolete in *C. purpuratum*. Probably the different localities were considered to strengthen the idea of specific difference, the *C. venustum* inhabiting the north of India, about Nepal, and the two others the Malayan islands: but the mountains of tropical India are now well known to produce similar species to those of the less elevated regions of the north, and such appears to be the case in the present instance. The colour of the lip in *C. barbatum* is different from that of *C. venustum*; but in two beautiful flowering specimens, sent to us by our friend Mr. Veitch, from Java (from which our figure was taken), one exhibited the dark

purple of *C. barbatum*, the other the pale colour of *C. venustum*. The leaves, in like manner, vary in intensity of colour and marking, and in the absence or presence of brown dots on the under side of the foliage.

The *C. venustum* having been fully described at Tab. 2129 of the present work, and familiar to all cultivators of *Orchideæ*, and the differences such as they are, herepointed out, we need not enter into more lengthy observations on the present occasion.

Fig. 1. Upper view of the column with anthers. 2. Lower view of the same:—*magnified.*