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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

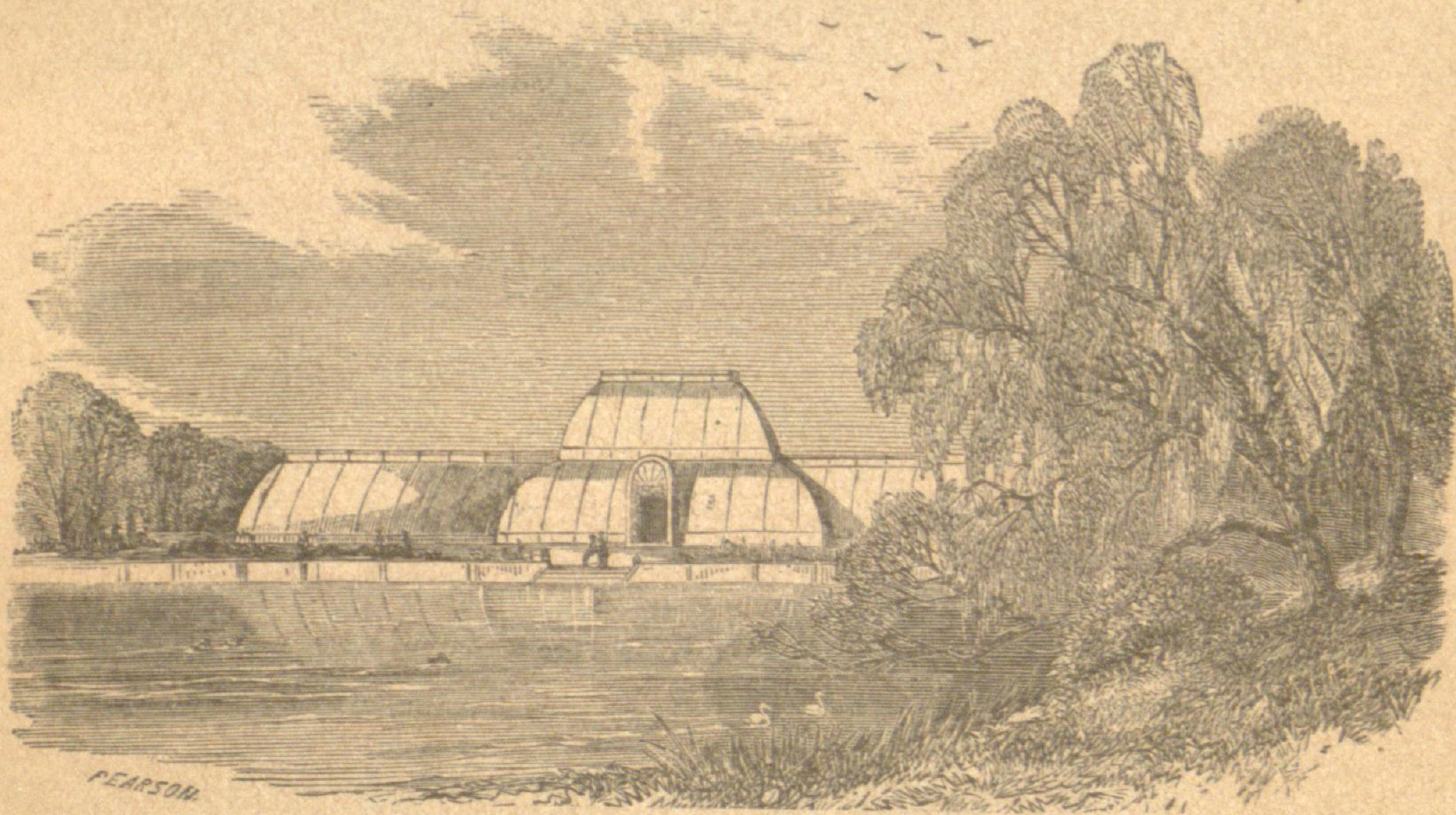
JOSEPH DALTON HOOKER, M.D., F.R.S. L.S. & G.S.

D.C.L. OXON., LL.D. CANTAB., CORRESPONDENT OF THE INSTITUTE OF FRANCE.

VOL. XXVI. 5

OF THE THIRD SERIES;

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



Thanks for the many-tinted flowers,
Earth's rainbow, born of sun and showers;
And thanks for eyes and mind, that we
Their glory feel—their beauty see.

Thanks for monitions by the flowers,
That Faith, Content, and Trust be ours:—
The gorgeous trappings of our pride
Pale by the simple flowers' side.

L. N.

LONDON:

L. REEVE & CO., 5, HENRIETTA STREET, COVENT GARDEN.

1870.

Mo. Bot. Garden,

1897.



W. Fitch, del et lith.

Vincent Brooks Day & Son, Imp.

CYPRIPEDIUM CANDIDUM.

Small white Lady's Slipper or Moccasson Flower.

Nat. Ord. ORCHIDÆ.—GYNANDRIA DIANDRIA.

Gen. Char. (Vide supra, TAB. 4901.)

CYPRIPEDIUM *candidum*; pubescens, caule folioso, foliis lanceolatis acuminatis plicato-nervosis, floribus parvis solitariis, bractea magna lanceolata florem superante, sepalis viridibus purpureo-lineatis, dorsali ovato-lanceolato acuminato erecto, lateralibus in laminam dorsali subsimilem labello suppositam connatis, petalis longioribus linearibus tortis, labello parvo albo inflato sepalis brevioribus, staminodia oblongo-lanceolato obtusa y. acuta.

CYPRIPEDIUM *candidum*, Muhl. in Willd. *Sp. Pl.* vol. iv. p. 142. Pursh. *Fl. N. Am.* v. ii. p. 594. A. Gray, *Man. Bot. N. U. States*, ed. 5, p. 511.

A rather rare native of bogs, from the Central and New York States of N. America to Kentucky and Wisconsin, extending thence into Canada to the northward, and to the Platte Plains and Rocky Mountains to the westward. As a species it is closely allied to the more common American yellow-flowered *C. pubescens* (Tab. Nost. 911, sub nom. *parviflori*) and *C. parviflorum* (Tab. Nost. 3024), from which in a dried state it is with difficulty distinguishable, but from both of which the colour of the flower separates it, whilst the former has a much larger flower and more globose lip. Like all the boreal *Cypripedia*, this is easily cultivated in a bog soil, with a cool bottom, plenty of shade, and a copious littering of dead leaves. The specimen figured was from roots communicated by Mr. J. Dunlop, of Milwaukee, U.S. America, which flowered at Kew in May of the present year.

DESCR. Whole plant more or less glandular-pubescent.

AUGUST 1ST, 1870.

Roots of erect, tufted, tortuous fibres. *Stem* six to ten inches high, leafy to the top. *Leaves* lanceolate or elliptic-lanceolate, acuminate, plaited, three to five inches long, rarely one and a half inch broad. *Bracts* erect, leaf-like, exceeding the flower. *Sepals* one inch long, slightly pubescent, green, with brown-purple nerves and tip; dorsal ovate-lanceolate, acuminate, twisted; two lateral connate into an ovate-lanceolate, two-toothed blade placed under the lip. *Petals* larger than the sepals, of the same colour, narrow, twisted, spreading. *Lip* two-thirds of an inch long, oblong, rounded at the tip, inflated, rather flattened at the sides, white with purple spots round the mouth and within opposite the mouth, neck villous and yellow within. *Staminode* yellow, spotted with purple, ovate or oblong-lanceolate, obtuse or acute.—*J. D. H.*

Fig. 1, Top of ovary and column; 2, top of column; 3 lip:—*all magnified.*