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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 JOSEPH DALTON HOOKER, M.D., C.B., K.C.S.I.,

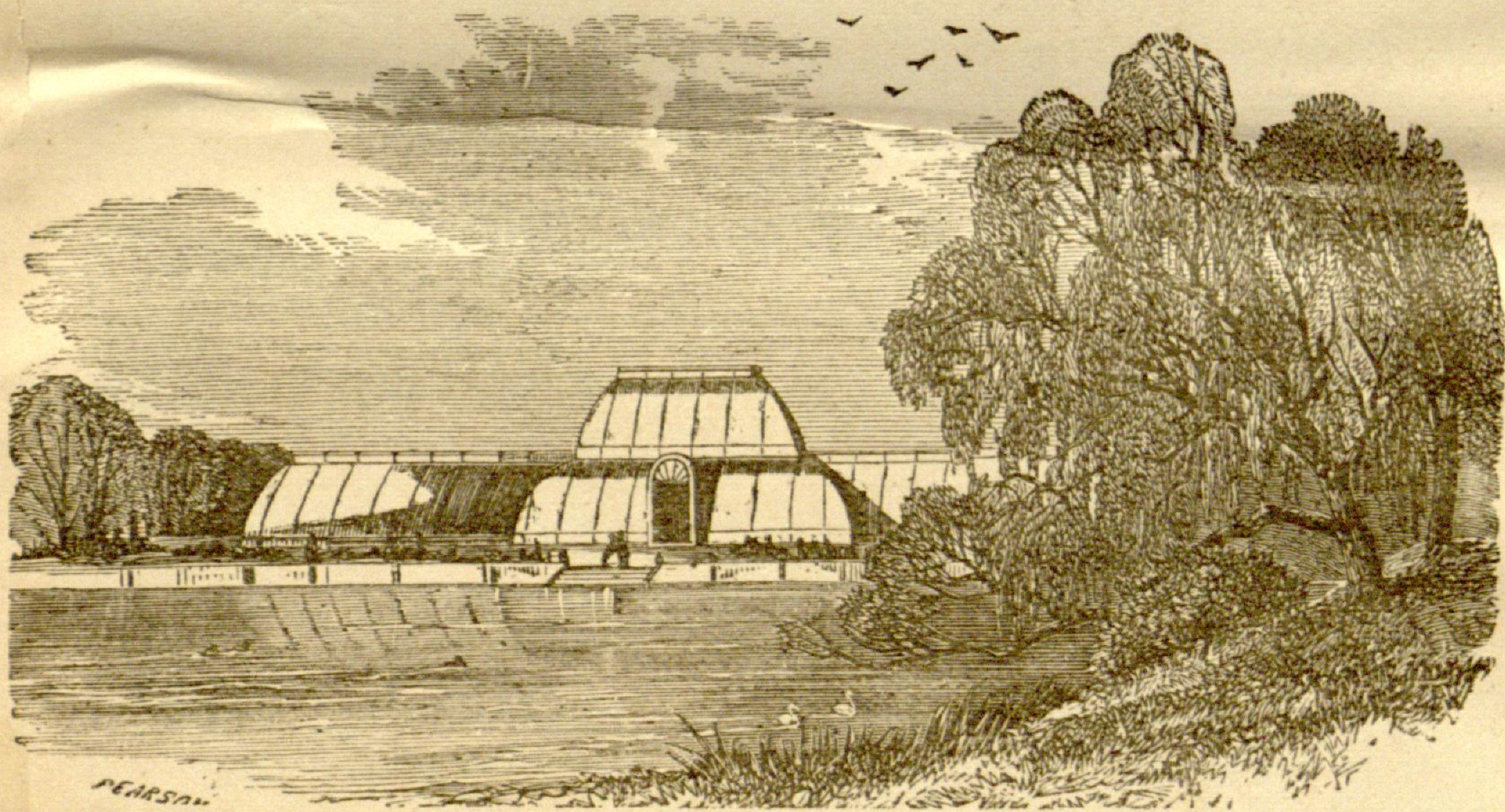
F.R.S., F.L.S., ETC.,

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

VOL. LI.

OF THE THIRD SERIES.

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



“Nor is the mead unworthy of thy foot,
Full of fresh verdure and unnumbered flowers,
The negligence of Nature wide and wild.”

THOMSON.

LONDON:

L. REEVE & CO.,

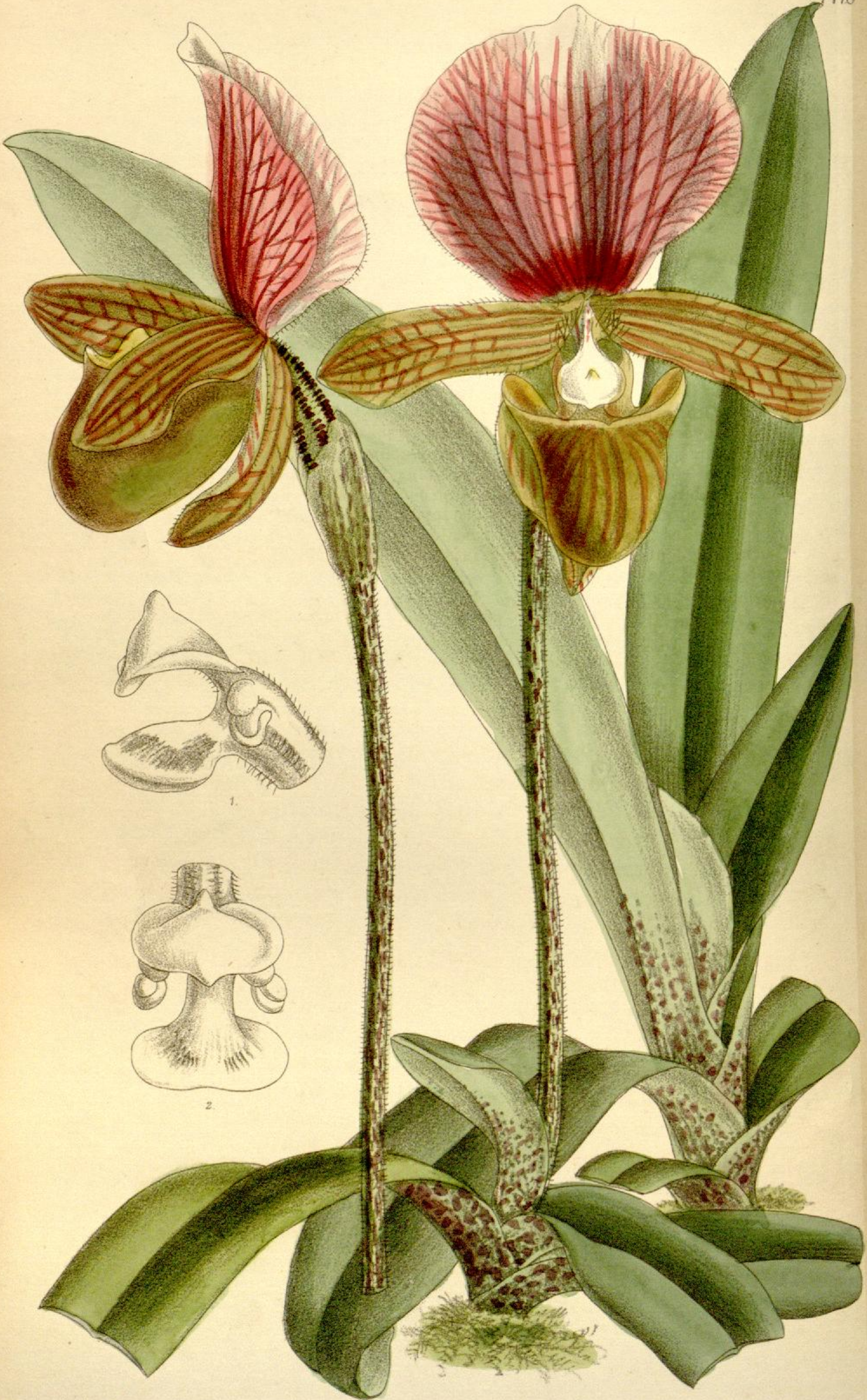
Publishers to the Home, Colonial, and Indian Governments,
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1895.

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Mo. Bot. Garden,

1898.



CYPRIPEDIUM CHARLESWORTHII.

Native of Arracan.

Nat. Ord. ORCHIDÆ.—Tribe CYPRIPEDIÆ.

Genus CYPRIPEDIUM, *Linn.*; (*Benth. & Hook. f. Gen. Plant.* vol. iii. p. 634.)

CYPRIPEDIUM (Coriaceæ) *Charlesworthii*; foliis lineari-oblongis loratisve acutis laete viridibus, scapo unifloro hirsutulo virescente rubro maculato, bractea ovario brevior obtusa, ovario brevi costis purpureis hirsutis, sepalo dorsali magno orbiculari demum convexo roseo nervis sanguineis reticulato, sepalis lateralibus in laminam late ovatam obtusam virescentem pubescentem labello suppositam connatis, petalis planis patentibus lineari-oblongis obtusis pubescentibus luride flavo-viridibus nervis rufescentibus, labello petalis concolore saccato auriculis rotundatis, staminodio eburneo orbiculari disco tumido in cornu conicum producto, stigmate reniformo.

- C. *Charlesworthii*, *Rolfe in Orchid Review*, vol. i. pp. 303, 355, *cum Ic. Gard. Chron.* (1893), vol. ii. pp. 406, 437, fig. 70. *Journ. of Hortic.* (1893), vol. ii. p. 307, fig. 43. *Gartenflora*, vol. xlv. p. 1, t. 1410. *Rev. Hortic. Belge* (1894), p. 253, *cum Ic. Lindenia*, vol. x. p. 25, t. 443.

As observed by Mr. Rolfe, *Cypripedium Charlesworthii* is a very distinct species from any hitherto known, most nearly allied to *C. Spicerianum*, Reichb. f. (*Bot. Mag.* t. 6490), and *C. Drurii*, Beddome (*Lindenia* i. t. 6), but well distinguished from both by (amongst other characters) the rose-colored dorsal sepals, and the horned boss on the disk of the staminode, in which respects it is unique in the genus. It is named in honour of the head of the firm of Messrs. Charlesworth, Shuttleworth & Co. of Heaton, Bradford, who were the importers of the species.

The specimen here figured was purchased at an auction sale. It flowered in the Orchid House of the Royal Gardens in August of last year. It is a free flowerer, and the flowers show considerable variation in size and colour. Its native country is the province of Arracan, in the Bay of Bengal, one of the most unhealthy districts of India, and hence unexplored botanically. It was found in company with *C. bellatulum*, Reichb. f., a species the habitat of which was previously unknown, and which species is

MAY 1st, 1895.

consequently not described in the Flora of British India.

Descr.—*Leaves* six to eight inches long by an inch broad, spreading and recurved, acute, glabrous, bright green above, pale beneath with purple spots towards the base. *Scape* one-fl'd., as long as the leaves, stout, hirsute, green, with crowded red linear spots. *Bract* an inch long, oblong, obtuse, green, with dull purple blotches. *Ovary* one to one and a half inch long, green, with hirsute, dark purple ribs. *Dorsal sepal* erect, orbicular, two inches in diameter, at first flat, at length convex, from the sides recurving, rose-cold., reticulated with blood-red nerves; lateral sepals connate in a broadly ovate, obtuse, pale greenish blade, with pale, brownish-red nerves. *Petals* one and a half inch long, horizontally spreading, linear-oblong, obtuse, pubescent, dull yellow-green, with five to seven broad, red-brown nerves. *Lip* saccate, dirty greenish yellow, suffused with brown, mouth wide, truncate, margins not recurved, auricles rounded. *Staminode* sub-orbicular, ivory-white, with a central boss ending in a short, conical horn; stigma reniform.—*J. D. H.*

Fig. 1, Side, and 2, front view of staminode and stigma :—*Both enlarged.*