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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

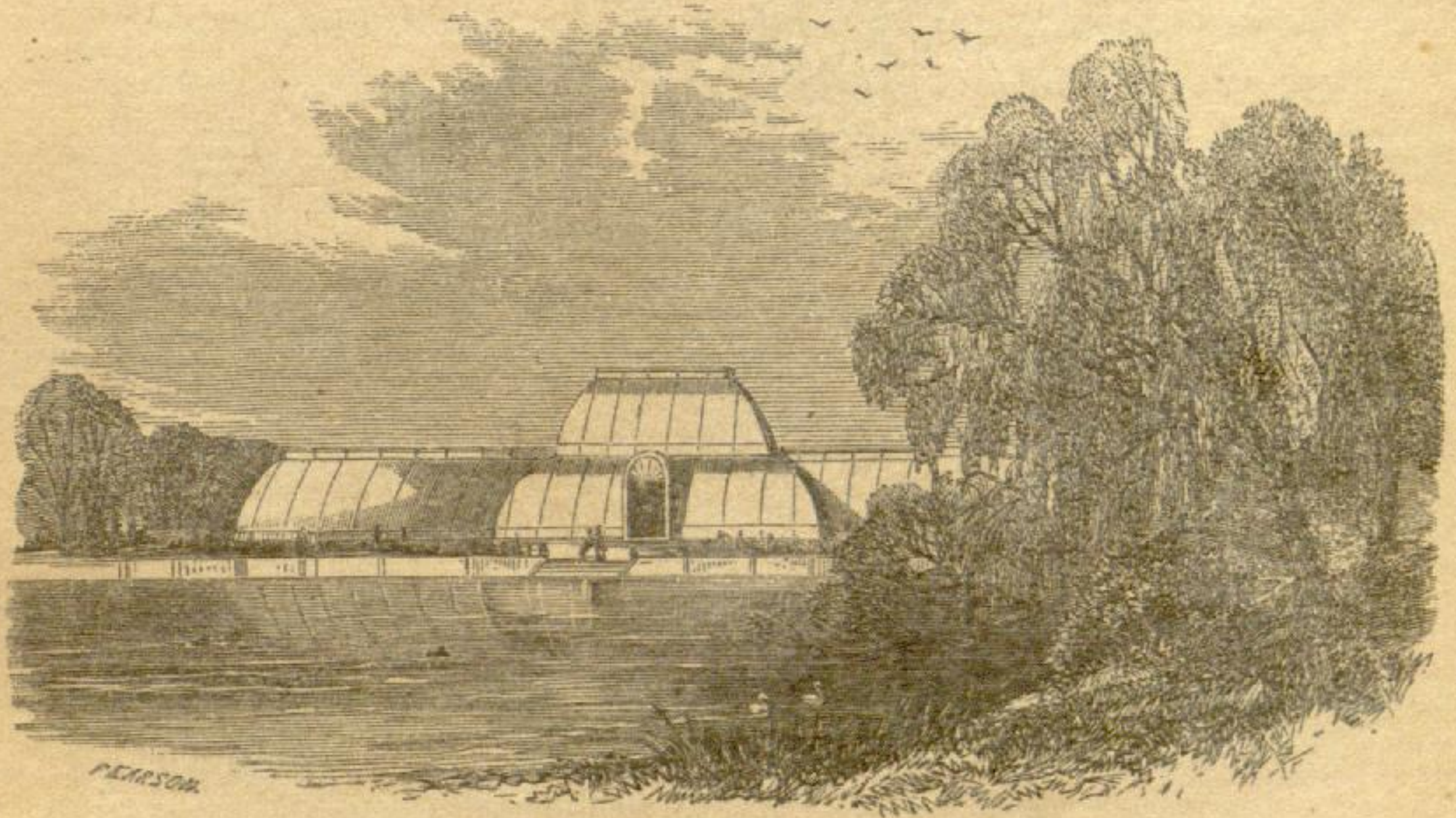
SIR WILLIAM JACKSON HOOKER, K.H., D.C.L. OXON.,

F.L.S., CORRESPONDING MEMBER OF THE ACADEMY OF SCIENCES OF THE IMPERIAL INSTITUTE  
OF FRANCE, AND DIRECTOR OF THE ROYAL GARDENS OF KEW.

VOL. XVIII.

OF THE THIRD SERIES;

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



“Retired leisure  
That in trim-gardens takes his pleasure.”

Mo. Bot. Garden

1897.

LONDON:

LOVELL REEVE & CO., HENRIETTA STREET, COVENT GARDEN.

1862.



## CYPRIPIEDIUM STONEI.

*Mr. Stone's Cypripedium.*

Nat. Ord. ORCHIDÆ: Tr. CYPRIPEDEÆ.—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, biloculares. Pollen pulticeo-granulosum. Stylus subliber, teres, stigmatè disciformi terminatus. (Capsula unilocularis.)—Herbæ terrestres utriusque orbis, ab æquatore fere ad circulum arcticum vigentes. Folia radicalia aut caulina. Flores solitarii, racemosi v. paniculati, speciosi. Lindl.

CYPRIPIEDIUM *Stonei*; acaulis, folis binis pedalis oblongis coriaceis obtusis brevi-mucronatis, scapo elongato atro-purpureo folia subæquante subtrifloro, bracteis lanceolatis conduplicatis acuminatis, sepalis duobus (lateralibus in unum connatis) amplis late ovatis acuminatis, petalis 5-uncialibus pendentibus linearibus acuminatis basi ciliatis, labello unguiculato, ungue marginibus introflexis apicè amplo cucullato calceolariformi, ovario sesquiunciali oblongo 6-angulari uniloculari, stamine sterili ovato carnosissimo obtusissimo, stigmatè amplissimo obovato bilobo margine supra dense fimbriato.

CYPRIPIEDIUM *Stonei*. Hort. Low.

This superb new species of *Cypripedium* was received in October of the present year from the collection of J. Day, Esq., of Tottenham. It was very recently imported from near Sarawak, Borneo, by Messrs. Hugh Low and Son, of Clapton Nursery, who express a wish that it should bear the name of Mr. Day's able gardener, Mr. Stone. Nothing like this, as far as I know, has ever been received from the Old World; but it is evidently allied to a species gathered by Ruiz and Pavon, in Peru, *C. caudatum* of Dr. Lindley, figured at t. 659 of our 'Icones Plantarum,' from a dried specimen, and without our having any knowledge of the foliage: but the form and size of the sepals and petals will abundantly distinguish it.

DESCR. Stemless. Roots large, vermicular, fleshy. Leaves

DECEMBER 1ST, 1862.

with a few sheathing short scales at the base, ten to twelve inches, two arising from the same root, oblong, coriaceous-carnose, dark green, subcanaliculate, very obtuse, with a short mucro. *Scape* radical, arising from between the two leaves, with a large conduplicate sheathing *bract* at the base, a foot long, terete, dark purple, terminating in our specimen in three large, very handsome, bracteated, pedicelled *flowers*. *Bracts* resembling that at the base of the scape, but smaller. *Pedicels* shorter than the bract, supporting an elongated, six-angled, one-celled *ovary* or immature *capsule*, one and a half to two inches long. *Sepals* two, large, spreading, uniform in shape, but the upper one the largest, broad-ovate, acuminate, white within, streaked and mottled with dark-purple externally, and tinged with yellow; the lower one is, however, formed of the two lateral combined sepals. *Petals* four to five inches long, curved downwards, linear acuminate, tawny yellow, lined and blotched with purple, ciliated on the margin at each side of the base. *Lip* large, standing forward horizontally, the lower half contracted, the sides involute, white, the rest cucullate, purplish, with red reticulated veins; the whole shaped like a Turkish slipper. *Style* a short white *column*, bearing, upon a separate branch, two orbicular, yellow, sessile *anthers* at the base of a large abortive, ovate, white, fleshy disk or abortive third stamen: another short branch of the style bears the *stigma*, a large, cordate, fleshy disk, yellowish, margined with a thick filamentous fringe.

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Fig. 1. Style and stigma, with staminiferous column, side view. 2. Front view of the same, showing the two anthers. 3. View of the upper surface of the stigma. 4. Front view of a labellum. 5. Transverse section of an immature capsule.—all slightly magnified.

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N.B.—By a strange oversight, in the last number of our 'Botanical Magazine,' under t. 5343, *Berberidopsis corallina*, it was omitted to be noticed that that most lovely new shrub was imported from Chili by Messrs. Veitch and Sons, of Exeter and King's Road, Chelsea, and that the specimen figured was derived from a plant in the open ground at Exeter.