



<http://www.biodiversitylibrary.org/>

Curtis's botanical magazine.

London ;New York [etc.] :Academic Press [etc.]

<http://www.biodiversitylibrary.org/bibliography/706>

v.105 [ser.3:v.35] (1879):

<http://www.biodiversitylibrary.org/item/14233>

Page(s): Title Page, Text, Tab. 6432, Text, Text

Contributed by: Missouri Botanical Garden, Peter H. Raven Library

Sponsored by: Missouri Botanical Garden

Generated 17 February 2014 5:52 PM


<http://www.biodiversitylibrary.org/pdf4/024556600014233>

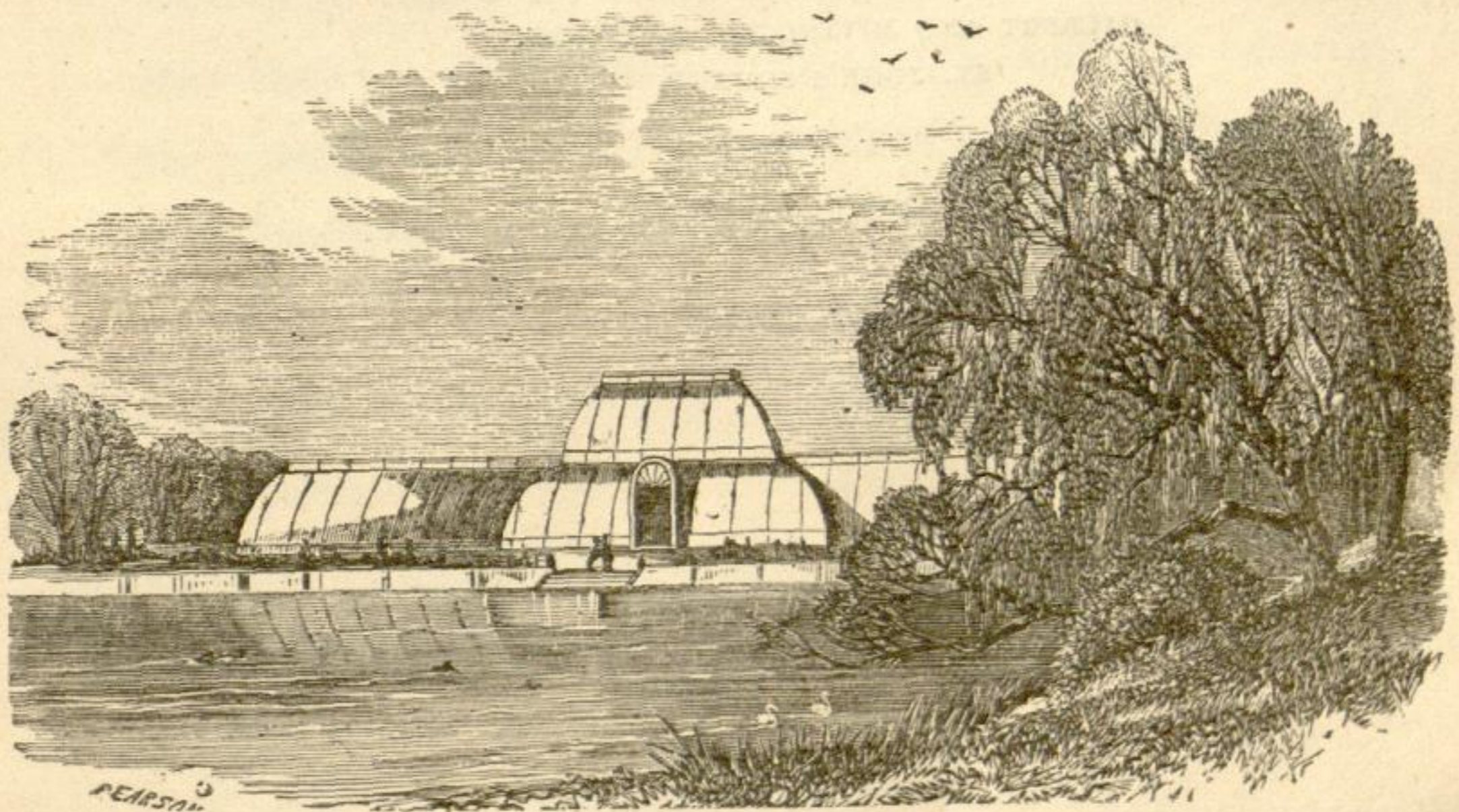
CURTIS'S
BOTANICAL MAGAZINE,

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. XXXV.
OF THE THIRD SERIES.
(Or Vol. CV. of the whole Work.)

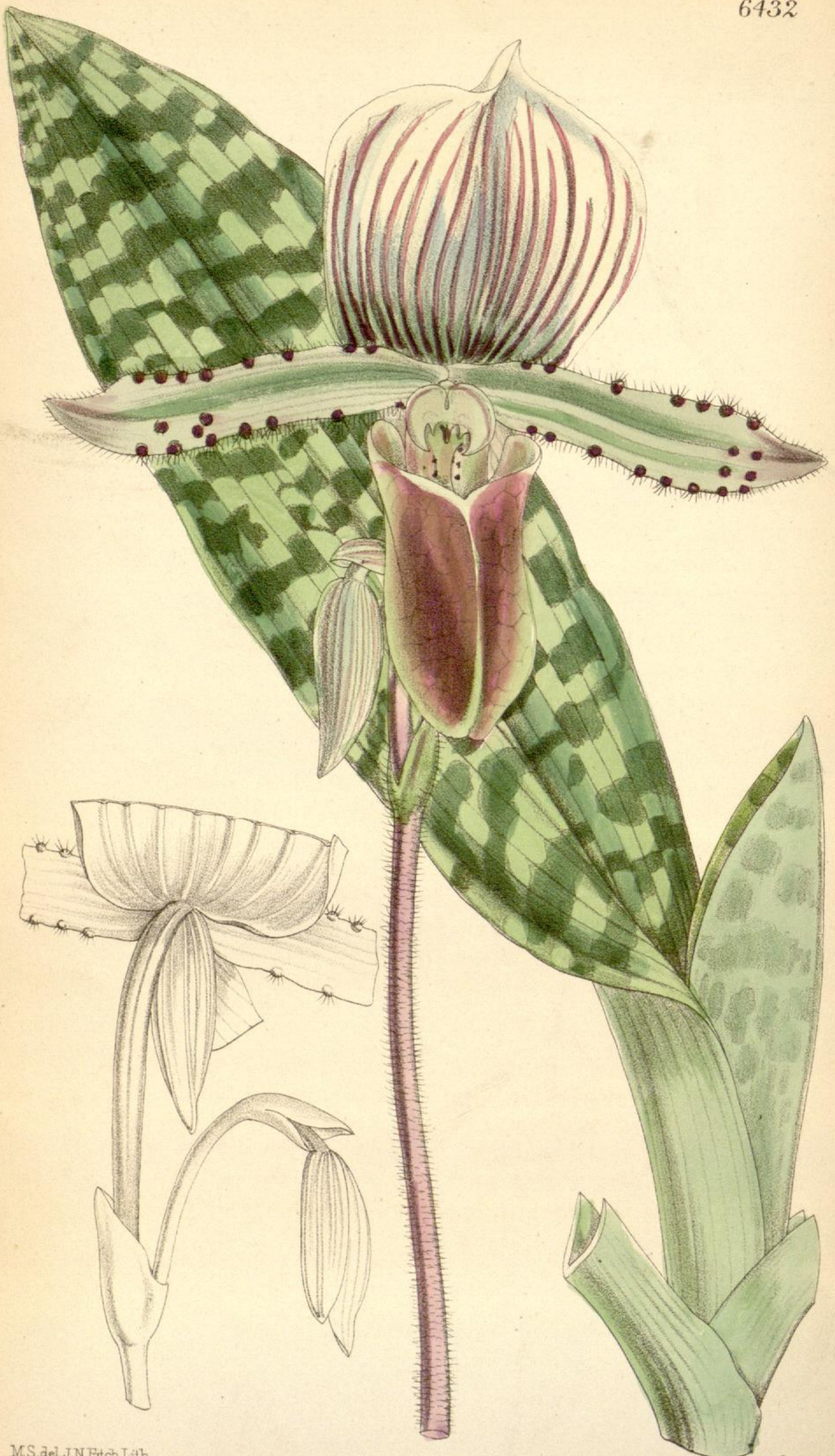


~~~~~  
"No daintie flowre or herbe that growes on grownd,  
No arborete with painted blossoms drest  
And smelling sweete, but there it mighte be found  
To bud out faire, and throwe her sweete smels al around."—*Faerie Queene.*

~~~~~  
LONDON:
L. REEVE AND CO., 5, HENRIETTA STREET, COVENT GARDEN.
1879.

[All rights reserved.]

Mo. Bot. Garden,
1897.



M.S. del. J.N. Fitch. Lith.

Vincent Brooks Day & Son Imp.

L. Reeve & Co. London.

CYPRIPEDIUM LAWRENCEANUM.

Native of Borneo.

Nat. Ord. ORCHIDÆ.—Tribe CYPRIPEDIÆ.

Genus CYPRIPEDIUM, Linn.; (*Endl. Gen. Plant.*, p. 220).

CYPRIPEDIUM *Lawrenceanum*, acaule v. caulescens, foliis paucis distichis lineari-ellipticis acutis planis viridibus albo tessellatis, scapo tomentoso purpureo 1-2-flore, flore magno, sepalo dorsali orbiculato amplo subacuto albo purpureo-vittato vittis basin versus verrucosis lateralibus parvis in laminam angustam lineari-oblongam concavam obtusam deflexam labello brevioribus connatis, petalis planis horizontalibus late linearibus ciliatis secus marginem verrucosis nitidis ciliatis purpureis ornato, labello subcylindrico apice rotundato fusco-purpureo, ore parum ampliato, anthera sterili lunata cuspidibus incurvis acutis margine interiore fisso.

C. Lawrenceanum, *Reichb. in Gard. Chron.* 1878, ii. p. 748.

Dr. Reichenbach in his description of this plant well remarks that it unites the flower of the Javan *C. barbatum* with the foliage of *C. Dayanum*. It is one of a series of forms of the genus, with few linear usually tessellately spotted leaves, few- or single-flowered scapes, spreading petals, broad dorsal sepal and small combined lateral sepals, which extends from Nepal on the West (*C. venustum*, tab. nost. 2129) to Borneo and the Philippine Islands on the East, the colour becoming more intense and the flowers larger in proceeding southward and eastward, till they attain their known maximum in the present splendid Bornean species, and in *C. Argus* (tab. 6175) of the Philippine Islands. It includes also *C. purpuratum* (tab. nost. 4901) of the Indian Peninsula, *C. barbatum*, Ldl. (t. 4234) of Java, *C. Hookeræ*, Rchb. f. (t. 5362), *C. Faireanum*, Ldl. (t. 5024), and others. *C. Lawrenceanum* is one of Mr. Burbidge's discoveries during his recent expedition to Borneo, in the service of the Messrs. Veitch; another of the fruits of which journey is the beautiful *Burbidgea nitida*, figured in the January Number of this work (t. 6403). Mr. Burbidge informs me that he found it on sandstone and limestone rocks,

in shady forests, at an elevation of 2000 feet, sometimes attaining three feet in height. It flowered in Messrs. Veitch's establishment in December, 1878, and was named by Dr. Reichenbach after Sir Trevor Lawrence, Bart., M.P., the possessor of a renowned collection of Orchids, which the author of the species describes as being of exceptional richness and beauty.

DESCR. Stemless, or with the stem a foot high. *Leaves* distichous, nearly a foot long, including the broad flattened sheath, linear-elliptic, acute, two inches broad, nearly flat, grooved down the centre in front, and keeled at the back, about 12-nerved, tessellated with bright greenish white and dull green. *Scape* longer than the leaves, flexuous, 1-2-flowered, clothed with long spreading glandular hairs, as are the bract, ovary, and back of the sepals. *Bract* small, oblong, obtuse. *Flower* erect, upwards of five inches across the petals, and as much from the tip of the dorsal sepal to that of the lip. *Dorsal sepal* very large, orbicular, rather broader above the middle, white with broad purple alternately long and shorter bands, the latter warted towards the base, none of them reaching the tip; margins very slightly revolute below the middle; lateral sepals combined into a brown oblong obtuse concave ribbed limb much shorter than the lip. *Petals* straight, flat, two and a half inches long, and one half inch broad; ciliate, green, dull purple towards the subacute tips, with a series of six or eight purple vanished hairy warts along each margin, and a few on the disk beyond the middle. *Lip* dull purple, two inches long, subcylindrical, ventricose below the middle, mouth slightly dilated, emarginate in front. *Staminode* lunate with acute incurved cusps, and five teeth in the sinus, cleft with a narrow sinus at the back.—*J. D. H.*