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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.,

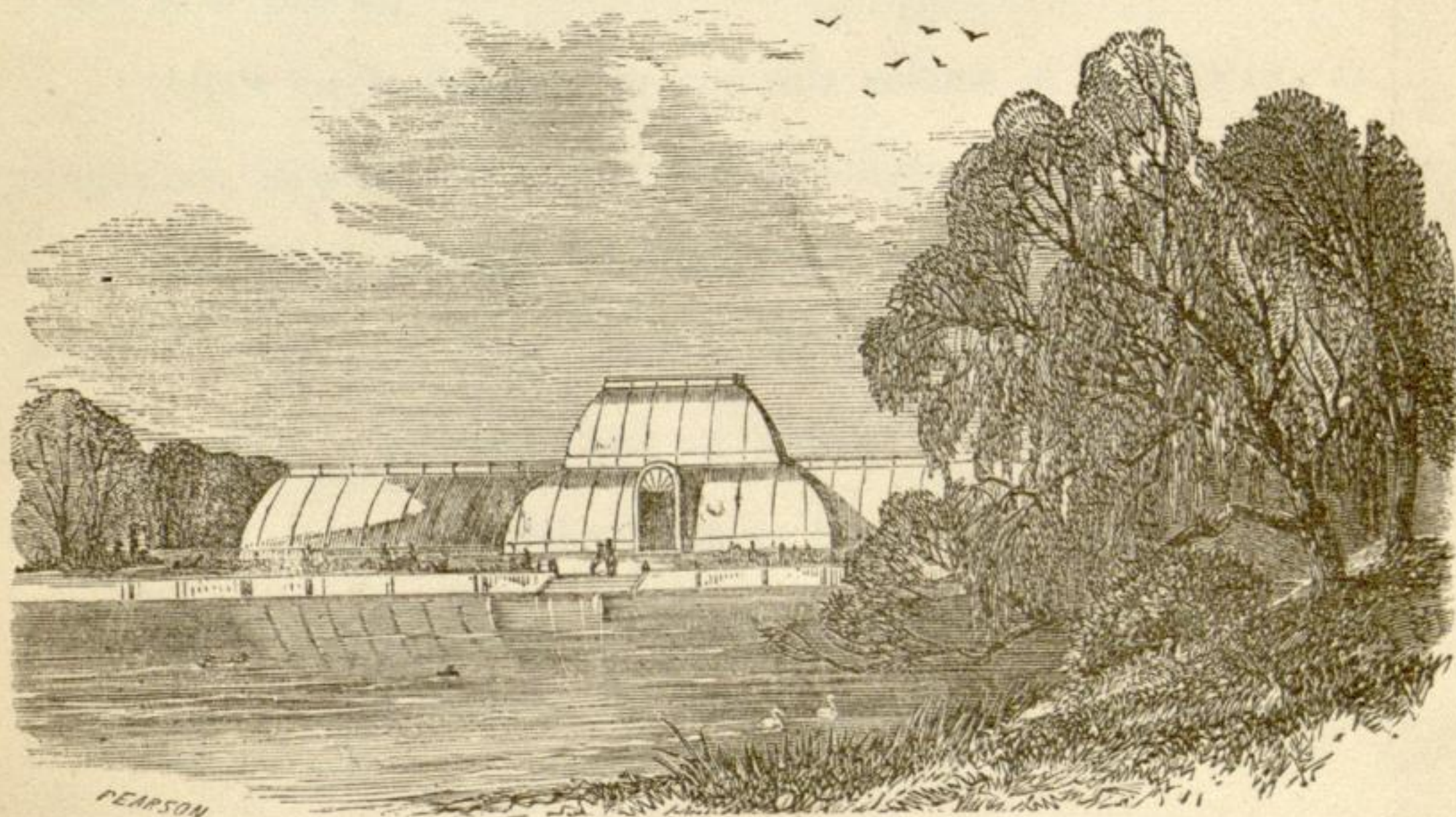
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D.C.L. OXON., LL.D. CANTAB., CORRESPONDENT OF THE INSTITUTE OF FRANCE.

VOL. XXXIII.


OF THE THIRD SERIES.

(Or Vol. CIII. of the whole Work.)



“With such a liberal hand has Nature flung  
Their seeds abroad, blown them about in winds,  
Innumerable mix'd them with the nursing mould,  
The moistening current, and prolific rain.”

Thomson, 'The Seasons.'

LONDON: 

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

1877.

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Mo. Bot. Garden,

1897.





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CYPRIPEDIUM HAYNALDIANUM.

*Native of the Philippine Islands.*

Nat. Ord. ORCHIDÆ.—Tribe CYPRIPEDIÆ.

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

CYPRIPEDIUM *Haynaldianum*; foliis distichis lineari-oblongis carinatis obtusis apice 2-dentatis coriaceis concoloribus, scapo plurifloro stricto. patentim villosa, bracteis oblongo-lanceolatis ellipticisve acutis villosis ovario subsessili villosa brevioribus, sepalo dorsali oblongo obtuso marginibus ciliolatis infra medium recurvis, dimidio inferiore virescente brunneo maculatis, superiore pallide roseo-albo, sepalis lateralibus in unum late ovatum labello suppositum et eo brevius connatis, petalis ligulatis patentissimis sepalo superiore duplo longioribus eoque concoloribus ultra medium dilatatis apicibus recurvis, labello virescente saccato ore biauriculato auriculis latis obtusis sinu triangulari, staminodio spathulato apice 2-lobo.

*C. Haynaldianum*, Reichb. f. *Xen. Orchid.* vol. ii. p. 222, et in *Gard. Chron.* N.S. vol. vii. p. 272 (1877).

A very near ally of *C. Lowei*, Lindl., also a native of the Philippines; so near indeed that Reichenbach observes that a casual observer might confuse the two, but after a careful examination of thirty-five flowers of that plant and five of this, he regards them as distinct, summing up the differences in *C. Lowei* as follows:—Upper sepal yellowish-green, with purplish lines and dots on the inner base; lower sepal (combined sepals) narrower and longer, yellow-green; lip with less prominent auricles, and a toothed keel in the sinus; stigma round and bent. These distinctive characters are, it must be confessed, but slight, and would seem to indicate a difference of race rather than of what are usually held to constitute a species. It is named after his Excellency Dr. Ludwig Haynald, archbishop of Kaloesa, in Hungary, who Dr. Reichenbach justly commemorates as a zealous botanist, and an active promoter of science and art, and whose name will ever be most honourably connected with the development of Hungary.

I am indebted to Messrs. Veitch for the opportunity of figuring this plant, which flowered at Chelsea in February of the present year.

MAY 1ST, 1877.



DESCR. *Leaves* dictichous, six to ten inches long, linear-oblong, about one and a half inches broad, suberect, keeled, obtuse and 2-toothed at the tip, dark green, very coriaceous. *Scape* solitary, one to one and a half feet high, strict, two- or more-flowered, clothed with soft long spreading hairs, as are the bracts and ovary; bracts one to one and a quarter inch long, elliptic or ovate-oblong, shorter than the ovary. *Flower* six to seven inches across the petals, greenish white, except the lower half of the ciliated upper sepal and petals, which are blotched with dark brown, and their upper halves are faintly rosy and white. *Upper sepal* suberect, oblong, obtuse, lower half with recurved margins, upper almost hooded. *Lower sepal* (of two combined) broadly ovate, obtuse, much shorter than the lip. *Petals* almost twice as long as the upper sepal, linear, suddenly twisted beyond the middle with a recurved apex. *Lip* green, saccate, with a rounded base; mouth with two broad obtuse elongated lips, and a broadly triangular sinus between them, at the base of which is a tooth. *Staminode* 2-lobed, green.—*J. D. H.*

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Fig. 1, Staminode and stigma, *enlarged*.