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CURTIS'S BOTANICAL MAGAZINE;

OR

Flower Garden Displayed:

In which the most Ornamental FOREIGN PLANTS cultivated in the Open Ground, the Green-House, and the Stove, are accurately represented and coloured.

To which are added,

THEIR NAMES, CLASS, ORDER, GENERIC AND SPECIFIC CHARACTERS,
ACCORDING TO THE SYSTEM OF LINNÆUS;

*Their Places of Growth, Times of Flowering, and most approved
Methods of Culture.*

CONDUCTED

By SAMUEL CURTIS, F. L. S.

THE DESCRIPTIONS

By WILLIAM JACKSON HOOKER, L. L. D.

F. R. A. and L. S. and Regius Professor of Botany in the University
of Glasgow.

VOL. IV. 17

pls 2956 -
3038

OF THE NEW SERIES;

Or Vol. LVII. of the whole Work.

“ See, Mary, what beauties I bring,
From the shelter of that sunny shed,
Where the flowers have the charms of the spring,
Though, abroad, they are withered and dead.”

LONDON :

Printed by Edward Couchman, 10, Throgmorton Street ;

FOR THE PROPRIETOR, SAMUEL CURTIS,

AT THE

BOTANICAL MAGAZINE WAREHOUSE, GLAZENWOOD, NEAR COGGESHALL, ESSEX :

Also by Sherwood, Gilbert, & Piper, 23, Paternoster Row; J. & A. Arch, Cornhill; Treuttel & Wurtz, Soho Square; Blackwood, Edinburgh; and in Holland, of Mr. Gt. Eldering, Florist, at Haarlem :

And to be had of all Booksellers in Town and Country.

1830.



A.
C. pubescens.

Pub. by S. Curtis, Walworth, Oct. 1. 1830.

W. J. H. del.

Swar. Sc.

CYPRIPEDIUM PARVIFLORUM. LESSER-FLOW-
ERED LADY'S SLIPPER.

Class and Order.

GYNANDRIA DIANDRIA.

(Nat. Ord.—ORCHIDÆ.)

Generic Character.

Labellum ventricosum, inflatum, (nunc saccatum.) *Co-*
lumna postice terminata lobo petaloideo (stamine sterili,) *an-*
theras distinguente. *Petala* 2 antica sæpius connata. *Br.*

Specific Character and Synonyms.

CYPRIPEDIUM* *parviflorum*; caule folioso, lobo columnæ
triangulari acuto, labello petalis brevioribus subtus super-
neque depresso.

CYPRIPEDIUM *parviflorum*. *Salisb. in Linn. Trans. v. 1. p.*
77. t. 2. f. 2. Pursh, Fl. Am. v. 2. p. 594. Ait. Hort.
Kew. ed. 2. v. 5. p. 221. Willd. Sp. Pl. v. 4. p. 143.
Sweet, Brit. Fl. Gard. t. 80. Spreng. Syst. Veget. v.
3. p. 745. (not Bot. Mag. t. 911.)

DESCR. *Stem* solitary, erect, downy, about a foot high,
rounded, leafy. *Leaves* slightly downy, especially the
uppermost ones, few, remote, ovato-lanceolate, acute,
waved, striated, four to five inches long. *Flowers* very
handsome, delightfully fragrant, especially at night, soli-
tary, or two at the extremity of the stem, each placed on
a bracteated *peduncle*; *bractea* large, leaf-like. *Corolla*
greenish at the base, the rest either a rich chocolate-brown,
or a greenish ground spotted and striated with brown:
upper *petal* broadly ovate, acuminate, waved, the two
lower ones combined into one, pointing downwards, of the
same shape as the upper one, the latter considerably longer
than the *lip*, the lower (double one) scarcely so long: two
lateral

* For derivation, see t. 2938 (CYPRIPED. *macranthon*.)

lateral petals considerably longer than the rest, linear-lanceolate, spirally twisted, all of them downy at the base within. *Labellum* standing forward horizontally, bright yellow, veined, and furrowed at the veins, oval, convex below, yet somewhat flattened, above decidedly depressed, the *mouth* somewhat elliptical, blotched with red at the margin as is the inside. *Column* short, cylindrical; its petaloid lobe cordato-triangular, fleshy, keeled below, grooved above, bright yellow, greenish in the centre, and spotted with red. *Stigma* stalked, greenish, on each side of which is a horn-like process, bearing each a sessile *anther*, with two cells, and a waxy, or horny-like *pollen*. *Germen* curved, not twisted, downy, cylindrical, sulcate, tapering into the stalk.

I have been much gratified in the early part of the present month (May, 1830,) with the beauty and variety of *CYPRIPEDIA*, and the numerous specimens of each kind, flowering under a common frame in the Glasgow Botanic Garden, at one and the same time. *C. macranthon*, *humile*, *spectabile*, *arietinum*, *pubescens*, and *parviflorum*, seemed to vie with each other in the rich colours, or curious structure of their blossoms. The two latter I had now the opportunity of comparing in a living state, and of ascertaining that, however difficult it may be to discriminate between them in the dried specimens, they were now at once to be recognized by the form of the labellum and the upper petal of the corolla. *WILDENOW* makes the only distinction to exist in the lobe of the column, which I find to be the same in both, or to possess only occasionally trifling differences. The lip in both is said to be compressed; but they are so in a very different manner. That of *C. pubescens* (whose whole flower is considerably larger and paler coloured) is remarkably convex, as gibbous above as below, (see fig. A.), and only *laterally* compressed, whereas the same part is in our plant somewhat flattened below, remarkably so above, and consequently broader from side to side, than it is from top to bottom. In *C. pubescens*, the upper petal is longer, lanceolate, and much attenuated, and its blossoms are scentless; in the present individual, the upper petal is broadly ovate, acuminate, the bases of all the petals are less hairy, and the flowers yield a powerful and delicious fragrance. Our roots were sent from Canada.

C. parviflorum of Old Series of Bot. Mag. t. 911, should assuredly be referred to *C. pubescens*, and should be thus characterized: *C. pubescens*; *WILLD.* caule folioso, lobo columnæ triangulari acuto, labello petalis brevioribus subtus superneque convexo-gibboso lateraliter compresso.

C. parviflorum. *Curt. Bot. Mag. t. 911.*

NOTE. It ought to have been stated when describing *TRILLIUM erythrocarpum* in a late number (vid. t. 3002) that the plant erroneously figured under that name by Mr. *CURTIS*, t. 855, is *TRILLIUM grandiflorum*, as noticed in the Index.