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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.*

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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.

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VOL. III. □

OF THE NEW SERIES;

*Or Vol. LVI. of the whole Work.*

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“Soft roll your incense, Herbs, and Fruits, and Flowers,  
In mingled clouds, to HIM, whose sun exalts,  
Whose breath perfumes you, and whose pencil paints.”

THOMSON.

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FOR THE PROPRIETOR, SAMUEL CURTIS,

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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.*

1829.



**CYPRIPEDIUM MACRANTHON. LARGE-  
FLOWERED LADY'S SLIPPER.**

\*\*\*\*\*

*Class and Order.*

**GYNANDRIA DIGYNIA.**

( Nat. Ord.—ORCHIDÆ. )

*Generic Character.*

*Labellum* ventricosum, inflatum (nunc saccatum). *Columna* postice terminata lobo petaloideo (stamine sterili) antheras distinguente. *Petala* 2 antica, sæpius connata. *Br.*

*Specific Character and Synonyms.*

CYPRIPEDIUM \* *macranthon*; lobo columnæ elongato-cordato, ore labelli perianthio brevioris contracto crenulato, antheris dorso aristatis, caule folioso, foliis glabriusculis.

CYPRIPEDIUM *macranthon*. Swartz *Gen. et Sp. Orchid.* p. 103. Willd. *Sp. Pl.* v. 4. p. 145. Spreng. *Syst. Veget.* v. 3. p. 745.

CALCEOLUS *purpureus speciosus*. Amman. *Ruth.* p. 132. n. 176. t. 21.

CALCEOLUS  $\gamma$ . *petalis nectario æqualibus aut minoribus*. Gmel. *Sib.* v. 1. p. 2. t. 1.  $\gamma$ .

DESCR. *Stem* simple, a span or more high, terete, jointed, pubescent, at the base having a sheathing scale, the root a good deal concealed by the long, sheathing bases of four or five leaves, which are ovate, attenuated at the base, wavy, striated, or almost plicated, downy at the margin and

\* From *Kυπρος*, *Venus*, and *ποδιον*, *a slipper*, *Venus's Slipper*, from the shape of the *Labellum*.

and on the nerves beneath, of a palish green colour. *Peduncle* terminal, enveloped by the base of a large floral leaf, glabrous. *Flower* solitary, large, very handsome, of an almost uniform purple colour, the two lateral or lowermost segments of the perianth, (which are united, except at the extremity, and adpressed to the underside of the labellum,) alone being greenish brown: Uppermost segment reflexed, large, broadly ovate: two inner ones broadly lanceolate, spreading, or slightly reflexed, dotted and hairy at the base within, and beautifully marked with deeper lines of purple. *Labellum* very large, inflated, broadly oval, striated and reticulated, the mouth contracted and crenated with a white margin: within at the base it is spotted with purple, and hairy. *Column* bent downward into the mouth of the labellum. *Anthers* large, roundish oval, deep brownish-green, two celled, bearing on the lower part of the back a soft, fleshy spur. *Abortive* one, a flat, minutely glandular disk, pedunculated: from the back of which arises the elongato-cordate, petaloid lobe, of a pale reddish colour. *Germen* elongato-clavate, sharply angular.

This beautiful species of *CYPRIPEDIUM*, quite new to our collections, is said by *AMMAN* to be found at Tobolsk, and by *GMELIN*, to be frequent in all Siberia, within the 58° of latitude, in open places, or in woods composed of scattered Birches.

Seeds had often been sent by *Dr. FISCHER* of St. Petersburg to the Glasgow Botanic Garden; but we never succeeded in cultivating the plant until last year, when roots were presented to us by the same liberal Botanist. One of these, from which the present figure and description were made, blossomed under the protection of a frame in May, 1829.

*C. macranthon* appears to be nearly allied to the *C. ventricosum*, which I only know by the figure of *SWEET*'s Brit. Fl. Garden, New Series, t. 1. But there the two innermost segments of the perianth are much narrower, and longer than the lip, the mouth of the lip is larger, and with a small cleft at the lowest extremity, and is not so regularly notched as in our plant. The whole colour too is a deeper purple.

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Fig. 1. Perianth, from which the Labellum (f. 2.) is removed. 3. Back view of the Column. 4. Front view of ditto. 5. Side view of ditto, slightly magnified. — Fig. 1, 2, 3, and 4, are represented of the *nat. size*.