



MACRADENIA lutescens.

Trinidad Macradenia.

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GYNANDRIA MONANDRIA.

Nat. ord. ORCHIDÆ. Jussieu gen. 61. Brown prod. 1. 309. Div. IV. Anthera terminalis mobilis decidua. Massæ pollinis demùm cereacæ, Brown in Hort. Kew. ed. 2. 5. 205.

MACRADENIA. *Labellum sessile cucullato-concavum indivisum acuminatum. Corollæ petala distincta patula. Columna libera, lobis apicis conniventibus. Massæ pollinis duæ, exsulcæ. Brown MSS.*

Macradenia lutescens. Brown MSS.

Cor. sordidè lutea, intùs purpureo-fusco-marmorata. Labellum corollæ brevius, ealcaratum, album, intùs purpureo interruptè lineatum, obovatum, appendice lineari acuto reflexo. Columna longitudine ferè labelli, semiteres, suprà sensim latior lobis lateralibus apicis in cucullum antheram amplexantem conniventibus. Anthera è basi paulò gibbosiore intùsque biloculari producta in acumen lato-lineare concavum ipsâ basi aliquoties longius processum subulatum stigmatis, glandulam, ejusque appendicem involvens. Massæ pollinis cuneiformes modicè compressæ, post migrationem apicibus suis acutis affixæ disco apicis dilatati appendicis elongati proscolli. Brown MSS.

An unobserved species, now first introduced by Mr. Griffin, who received the plant, represented in the annexed plate, from Trinidad. It flowered last December in the hothouse at South Lambeth, and was communicated to Mr. Brown, who has made it the foundation of the present genus, to be placed next to *ONCIDIUM*, from which it differs by a convolutely concave undivided taper-pointed *label*, a corolla with the *petals* all distinct, a *column* with the two top-lobes converging convolutely (not extended), and by two furrowless or unindented *pollen-masses* (furrowed or indented in *ONCIDIUM*).

A humble plant (about four or five inches high), with two or three upright lanceolate leaves rather longer than the 5-flowered stem. *Flowers* scentless, about an inch in diameter, subbilabiate stellate. *Bulb* green, oblong, ovate, above ground. So far we have taken from the drawing, having had no opportunity of seeing the plant; what follows is from the Latin of Mr. Brown. *Corolla* dingy yellow, marbled on the inside with brownish purple; *petals* distinct, spreading: *label* sessile, shorter than the petals,

obovate, convolutely concave, entire, taper-pointed with a sharp linear reflex appendage, marked on the inside with broken purple lines. *Column* detached, nearly of the length of the label, semicylindrical, gradually widened upwards with the side lobes of the top converging into a hood that infolds the anther. *Anther* extending from a base which is rather more protuberant and 2-celled within, into a broadly linear concave point several times longer than the base itself and infolding the subulate process of the stigma, the gland, and its appendage. *Pollen-masses* two, furrowless, wedge-shaped, moderately compressed, after they leave the anther fixing themselves by their pointed tips to the disk of the widened summit of the elongated appendage of the *proscollum* (gland of the stigma).



A and **B** are two views of the flower, slightly magnified. The two other outlines are two views of the column and its parts, very much magnified.