





**MAXILLARIA PALLIDIFLORA. PALE-  
FLOWERED MAXILLARIA.**

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*Class and Order.*

**GYNANDRIA MONANDRIA.**

( Nat. Ord.—ORCHIDÆ. )

*Generic Character.*

*Perianthium* patens, resupinatum. *Labellum* cum processu unguiformi columnæ articulatum, trilobum. *Foliola* lateralia *exteriora* basibus cum processu columnæ connata. *Pollinia* 4, basibus connata, glandulosa (vel 2, pedicellata, pedicello basi glandulosa). *Herbæ parasiticæ, bulbosæ, Americæ meridionalis.* Racemi (vel scapi uniflori *radicales.* *Lindl.*

*Specific Character.*

**MAXILLARIA pallidiflora** ; bulbo elongato-lineari lævi, folio lato-lanceolato trinervi striatoque, scapo paucifloro, bracteis linearibus, petalis erectis subæqualibus, labello oblongo obscure bituberculato margine undulato.

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**DESCR.** *Plant*, growing in a tufted manner, having at the base a linear, or only swelling slightly in the middle, terete, smooth, dark-green bulb or stem, sheathed with scales: while in a young state, the scales entirely cover this bulb, and upon the top, the solitary, deciduous leaf is produced : afterwards the bulb increases greatly in size, and is only sheathed with brown, withered scales at the base. *Leaf* four to six inches long, broadly lanceolate, rather acuminate, with five principal nerves, and many rather obscure striæ, subcoriaceous. *Scape* scarcely longer than the bulbs, and proceeding from their base, slender, whitish, having



having several linear, subulate, pale, membranaceous bractæ, similar to those which accompany the flowers, which are few, at the extremity of the scape, drooping. *Perianth* of five deep divisions or *petals*, very pale yellowish green, each lanceolate, rather obtuse, united at the base below into an obtuse, brown, spur-like process. *Lip* about equal in length with the petals, almost white, oblong, having two obscure tubercles at the base, the margin thin, waved, the extremity a little recurved. *Column* white. *Anther-case* operculiform, hemisphærical. *Pollen Masses* four, two small and two large, yellow, waxy, attached to a whitish gland.

Received at the Glasgow Botanic Garden from the island of St. Vincent, by favour of the Rev. LANSDOWN GUILDING, and cultivated in the same way as other parasitical ORCHIDÆ in the stove, where it flowers in September. It has much affinity with the *DENDROBIUM squalens* of Mr. LINDLEY, in Bot. Reg. t. 732; but, besides the different form of the bulbs and colour of the flowers, that plant is said to have the pollen masses two in number, with a furrow on one side, whence Mr. LINDLEY has subsequently constituted of it the Genus *XYLOBIUM* (Bot. Reg. t. 897.)

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Fig. 1. Front view of a Flower. 2, and 3. Front and back view of the Pollen Masses.—*Magnified*.