



MAXILLARIA WARREANA.

Mr. Warre's Maxillaria.

Nat. Ord. ORCHIDÆ.—GYNANDRIA MONANDRIA.

Gen. Char. (Vide supra, TAB. 4228.)

MAXILLARIA *Warreana*; pseudo-bulbis oblongis attenuatis articulatis, foliis sub-4 lanceolatis basi longe attenuatis nervosis plicatis, scapo radicali erecto elongato vaginato multifloro, floribus subglobosis sepalis petalisque sub-æqualibus rotundato-ovatis concavis acutis, labello obovato basi cucullato intus medio jugis tribus elevatis carnosus, apice dilatata sublobata supra plurilamellata, columna inclusa.

MAXILLARIA *Warreana*. *Lodd. Bot. Cab. t. 2884. Lindl. Gen. et Sp. Orchid. p. 148.*

This is a very distinct and very lovely species of *Maxillaria*, first detected, as it would appear, in Brazil, at least it was, according to Mr. Loddiges, cultivated there by Mr. Warre, after whom it is named. Our plants were sent from St. Martha, New Grenada, by our collector, Mr. Purdie, and flowered in the Royal Gardens, and at Syon, in August, 1845. The delicate and almost snowy or yellow white of the ground of the flowers is beautifully contrasted with the rich purple of the inside of the lip.

DESCR. *Pseudo-bulbs*, in age, four to five inches long, oblong, terete, attenuated, jointed, the articulations partly sheathed by the withered bases of the leaves. In the flowering state the *leaves* do not spring from any apparent pseudo-bulbs, but directly from a *cormus* or short *rootstock*; these leaves are long, much attenuated at the base, and gradually expand into a lanceolate acuminate, striated and plaited blade. *Scape* arising from the same rootstock at the outer base of the leaves, one and a half or two feet high, rounded, jointed, purple, sheathed with close-pressed scales or *bracteas*. *Racemes* of eight, or ten, or more *flowers*, which are drooping and subglobose, rather large. *Sepals* and *petals* nearly similar (the latter rather smaller) roundish ovate, very concave, acute, white tinged externally with yellow, the two lateral sepals below ending in a kind of obtuse spur.

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Lip about equal in length with the perianth, white, beautifully painted within with yellow and deep purple, obovate, the lower half concave, subcucullate, within having three elevated fleshy ridges, the upper half, or apex, spreading, obscurely lobed and waved, the upper surface with several, membranous, crisped lamellæ. *Column* rather short, semi-cylindrical, included.

Fig. 1. Column and anther. 2. Lip:—*slightly magnified*.