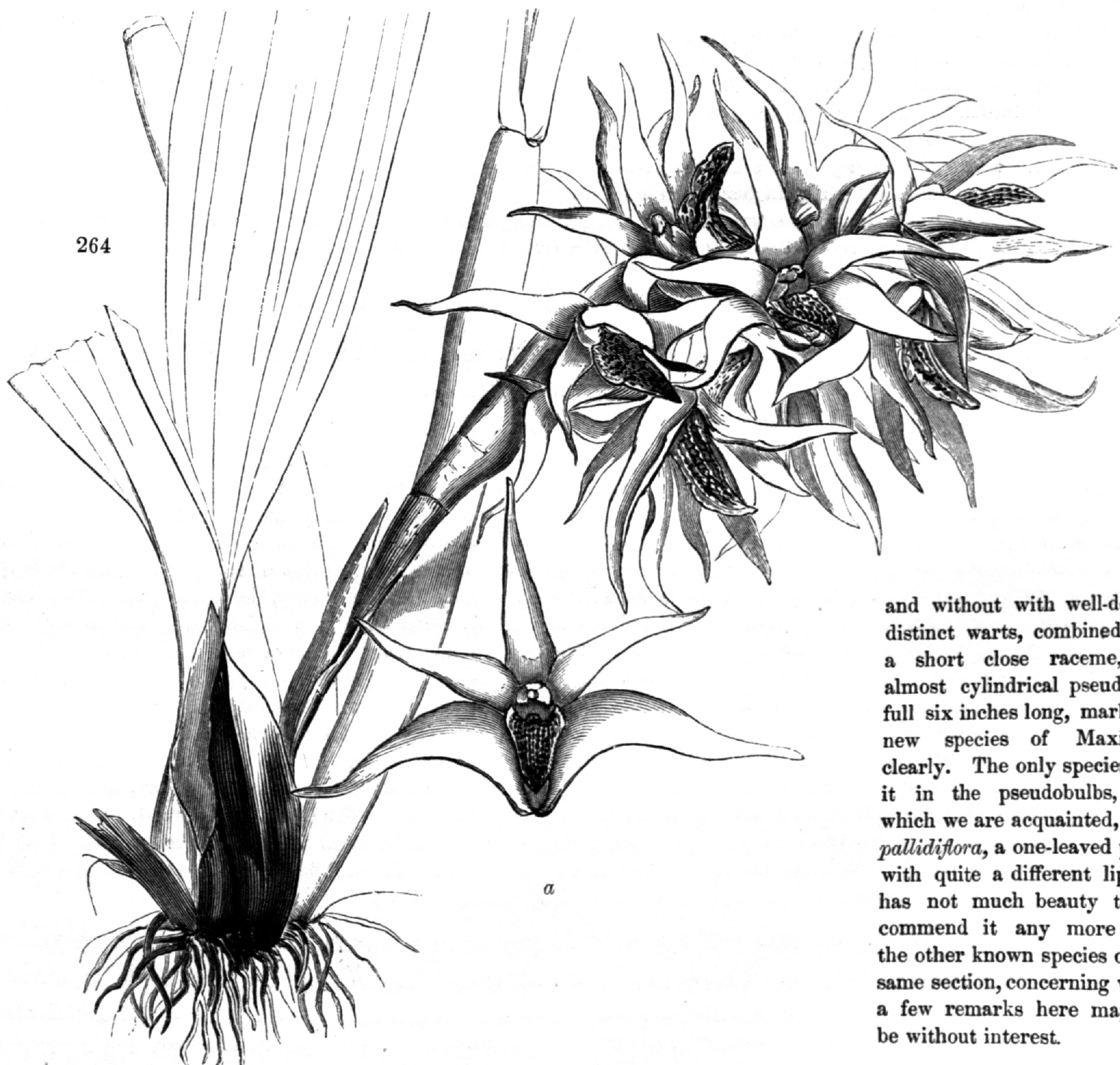


## GLEANINGS AND ORIGINAL MEMORANDA.

536. *MAXILLARIA ELONGATA*. A hothouse terrestrial Orchid from Central America. Flowers pale yellow and brown. Introduced by Mr. Skinner. (Fig. 264; *a*, a flower magnified.)

*M. elongata*, (Racemosæ); pseudobulbis cylindraceis elongatis diphyllis, foliis lanceolatis 3-costatis circiter duplò longioribus, scapo erecto bivaginato, racemo denso oblongo pseudobulbis æquali, bracteis setaceis ovario longioribus, sepalis petalisque linearibus acuminatis, labello ovato-oblongo carnosissimo utrinque lobato utrâque facie densè verrucosâ ad medium hypochilium usque.

Pale yellow flowers, as large as those of *Maxillaria supina*, with a purplish-brown lip, singularly studded within



and without with well-defined distinct warts, combined with a short close raceme, and almost cylindrical pseudobulb full six inches long, mark this new species of *Maxillaria* clearly. The only species like it in the pseudobulbs, with which we are acquainted, is *M. pallidiflora*, a one-leaved plant, with quite a different lip. It has not much beauty to recommend it any more than the other known species of the same section, concerning which a few remarks here may not be without interest.

In the great genus *Maxillaria*, as now limited, the majority of the species (1. § *ACAULES*) are stemless, and produce one or two flowers only at the end of the scape, others (2. § *RACEMOSÆ*) are also stemless, but form their flowers in many-flowered racemes, while the remainder (3. § *CAULESCENTES*) have branching stems with pseudobulbs, and leaves clustered upon them at short intervals. It is to the second of these sections that the plant before us belongs, together with about a score other species, of which the following is a brief enumeration :—

2. § *RACEMOSÆ* (*Xylobia*).

1. *M. Colleyi*. *Bateman*. A brown-flowered plant, with few-flowered nearly sessile racemes.
2. *M. squalens*. *Hooker*. (*aliàs* *Xylobium squalens* *Lindley*; *aliàs* *Maxillaria supina* *Poeppig & Endlicher*.)  
Flowers yellow and dirty brown, with a purple pointed lip.
3. *M. scabrilinguis*. *Lindley*. (*aliàs* *Cyrtopera scabrilinguis* *id.*; *aliàs* *Dendrobium carnosum* *Presl., Reliq. Hænkeanæ.*) Flowers dull purplish-yellow.
4. *M. bractescens*. *Lindley*. Flowers dull yellow, in a tall lax raceme.
5. *M. corrugata*. *Lindley*. Flowers pale brownish-purple.
- ‡ 6. *M. longifolia*. *Lindley*. (*aliàs* *Dendrobium longifolium* *H. B. K.*) Flowers with a purple lip, on a scape two feet high.
7. *M. elongata*. *Of this place.*
8. *M. pallidiflora*. *Hooker*. Flowers greenish, in a thin raceme.
9. *M. decolor*. *Lindley*. (*aliàs* *M. palmifolia* *Lindley*; *aliàs* *Dendrobium palmifolium* *Swartz.*) Flowers yellowish-white, in a short raceme. There can be little doubt that the two plants now brought together are identical.
10. *M. concava*. *Lindley*. Flowers pale yellow, in a rather thin raceme.
11. *M. foveata*. *Lindley*. Much like the last.
- ‡ 12. *M. hyacinthina*. *Reichenb. fl.* Flowers white, with a rose-coloured lip, very sweet-scented like a Hyacinth.
- ‡ 13. *M. latifolia*. *Lindley*. (*aliàs* *Dendrobium latifolium* *H. B. K.*) Flowers yellow and red, in a spike two feet long.
- ‡ 14. *M. maculata*. *Lindley*. (*aliàs* *Dendrobium maculatum* *H. B. K.*) Flowers large, green, very sweet-scented, in a spike rising higher than the leaves.

N.B. Those marked ‡ are not yet known to be in cultivation. The following *Maxillarias*, of the Flora Peruviana, are so slightly characterised, that they must all be regarded as doubtful species, which it may perhaps never be possible to identify.

15, *undulata*; 16, *variegata*; 17, *triphylla*; 18, *hastata*; 19, *cuneiformis*; 20, *bicolor*; and 21, *tricolor*.