



W. H. Fitch del. et lith.

J. N. Fitch imp.

Trichopilia rostrata, Robt. f.

TAB. 100.

Tribe VANDEÆ.

Genus TRICHOPILIA, Lindl.

T. ROSTRATA, Rehb. f. Pseudobulbo lineari-ligulato ancipiti squamis basilaribus punctulatis, apice monophyllo, folio cuneato oblongo ligulato acuto, pedunculo bifloro, bracteis oblongo-ligulatis obtusis punctulatis, ovario pedicellato multo brevioribus, sepalis et tepalis cuneato-linearibus acutis, vulgo bis tortis, sepalis lateralibus basi connatis, cum ovario paullo angulatis, labello flabellato apicem versus trifido, laciniis lateralibus obtusangulis, lacinia antica brevi obtusa rhombea seu transverse bilobemarginata, fovea in ima basi, foveis duabus retrorsum triangulis, columna breviuscula, androclinii lacinia postice ligulata ciliata fimbriata, rostello erecto bicuspidato, fovea stigmatica rotundula sublobulata, antheræ rostro angulato, de corpore antice obtuso assurgenti, polliniis discretis, caudicula bicuspidata.

This species is very distinct in the upper part of the column from *T. oicophylax*, Rehb. f. It has whitish green sepals and tepals and many orange-coloured streaks on the disc of the lip, which is whitish. I have known it since 1866, when Mr. Low brought very satisfactory and well-developed specimens, stating that it was imported from New Grenada. I obtained lately a plant from Director Linden, which I saw growing at Brussels. It came also from New Grenada, and is most probably the same species. It was, however, very small, and had all the defects which the first flowers of recently-introduced plants bear, alas! so often.

Pseudobulb linear-ligulate, ancipitous. *Basilar sheaths* triangular, scariose, brownish, with many small black-brownish dots. *Leaf* cuneate, oblong-ligulate, acute, single on the pseudobulb. *Flower-stalk* two-flowered. *Bracts* oblong-ligulate, blunt, with small brownish dots, much shorter than the pedicelled *ovary*. *Sepals* and *tepals* linear-acute, commonly twice-twisted, the lateral ones somewhat connate at the base and very often at an angle with the *ovary*. *Lip* flabellate, trifid towards the apex; *lateral lacinia* obtuse-angled; *middle lacinia* rhomboid, obtuse-angled, one

obtuse-angled excavation before the adhesion to the lip, and on each side one triangular excavation. *Column* short; posterior laciniae of *androclinium* ligulate and ciliato-fimbriate; *rostellum* straight, bicuspidate. *Stigmatic hollow* rounded, with lobes on its under margin. *Anther* with a keel forming an outspringing angle over the blunt body. *Pollinia* distinct. *Caudicle* with two angles at its cohesion with the pollinia.

Materials:—Two herbarium specimens; sketches and description from fresh specimens sent by Mr. Low; description of the living plant in the Saundersian garden.

Tab. 100.—Plant bearing only a young leaf; 1, lip +; 2, column, side view +; 3, column, anterior view +; 4, front view of anther-case and stigmatic hollow +; 5, anther +; 6, pollinarium +. The figures 4 and 5 added by Rehb. f.

I procured this pretty and elegant *Trichopilia* at the Messrs. Stevens' Sale Rooms, and it was stated that New Grenada was its native country. It requires a cool, damp, shady stove, and should be grown in spongy peat and sphagnum, with the pots drained two-thirds their depth by crocks. It flowers freely.—*W. W. S.*