

MASDEVALLIA LAUCHEANA Kränz. MS.

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Planta caespitosa ; folio oblongo-ovato, apice acute denticulato, nervoso, viridi lucido, in petiolum tenuem sulcatum sensim angustato, basi vaginata, pedunculo uniflore, tereti, erecto, tenui, bracteato, ex vagina apud basem petioli emergenti, viridi ; bractea membranacea, supra ovata, apiculata, infra amplexanti, viridi pallido ; pedicello pedunculo æquilongo, tereti, viridi pallido ; ovario costato, viridi ; sepalis in tubum constrictum connatis, mento infra rotundo, triangulis, cucullatis, trinerviis, in caudas carnosas aureas elongatis, albis, nerviis tribus coccineis ; petalis oblanceolatis, apiculatis, margine anteriore crasse angulato, margine posteriore pauce carinato, albis, apice viridi ; labello oblongo, luteo, basi carnosa, carinis duabus angulatis parallelis, in pulvillum coccineum molliter pilosum terminatis, apice minute aspero, aureo ; columna tenui, anguste alata, alba, coccinea-marginata, apice denticulato.—Flos formam illius *M. Wageneriana* habet.—Incognitum est qua habitat et quis collegerit.

Leaf 4 or 5 inches long, oblong-ovate, apex acutely tridenticulate, narrowing below into a slender grooved petiole sheathed at the base, bright green.

Peduncle about 2 inches long, terete, slender, erect from the base of the petiole, pale green ; bract nearly $\frac{1}{2}$ inch long, ovate-apiculate, sheathing below, with a minute rudimentary bud within at the base, pale green.

Ovary $\frac{1}{4}$ inch long, curved, with six rounded angles, pale green.

Sepals all cohering for about $\frac{3}{8}$ inch, forming a narrow tube, gibbous below, free portions roundly triangular, 3-nerved, pure white, each with one rose-crimson streak, and all terminating in terete bright orange-tails nearly 1 inch long.

Petals less than $\frac{1}{4}$ inch long, oblanceolate, with a thick angled keel on the anterior margin and a small one near the opposite side, acuminate, pure white with a green apex.

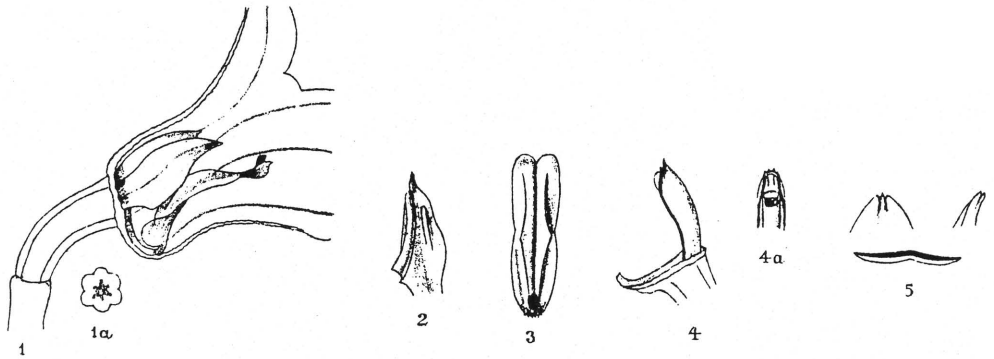
Lip longer than the petals, thickened at the base and united by a hinge to the foot of the column, with two angled longitudinal keels, terminating in a velvety crimson cushion, pale yellow, apex slightly crenate, orange-yellow.

Column shorter than the petals, slender, narrowly winged, apex denticulate, white, with a narrow edge of dark crimson.

ALTHOUGH *Masdevallia Lauchean*a has been known in cultivation for five or six years, no drawing or botanical description of it has hitherto been published. It was named by Dr. Kränzlin, of Berlin, in honour of his friend Herr Lauche, of Eisgrub, Austria. I can obtain no information as to its origin or habitat. A very pretty variety is grown in Sir Trevor Lawrence's collection of Masdevallias, which has a rose-coloured spot upon the angle of the dorsal and lateral sepals, and three streaks of the same colour upon the dorsal sepal. The tails of this flower are of a richer orange than those of the type, and the lip is very pale yellow.

Explanation of Plate :

Fig. 1, petal, lip, and column, in natural position ;—1a, section of ovary ;—2, petal, inner side ;—3, lip ;—4, column ;—4a, apex of column ; all enlarged ;—5, apex and section of leaf, natural size.



Florence H. Woolwari del et lith. 1896

Goater imp.

MASDEVALLIA LAUCHEANA Kränz. Ms