

Masdevallia trautmanniana Luer & Portilla, sp. nov.

Ety.: Named for Günter Trautmann of Stuttgart, Germany.

Inter species subsect. *Masdevalliae*, habitu mediocri, sepalis stramineis ad basim roseosuffusis antrorsis obtusis anguste caudatis, petalorum callo marginali ad basim in processum acutum retrorsum elongato, et labello anguste oblongo subacuto distinguitur.

Plant medium in size for the subsection, epiphytic, caespitose; roots slender; ramicauls blackish, slender, erect, 1-1.5 cm long, enclosed by 2-3 loose, black, tubular sheaths. Leaf erect, coriaceous, petiolate, 7-9 cm long including the blackish petiole 2.5-3 cm long, the blade elliptical, subacute to obtuse, 1.5 cm wide, the base cuneate into the petiole. Inflorescence a solitary flower borne by a slender, erect peduncle 3 cm long, with a bract at the base, from low on the ramicaul; floral bract tubular, 7 mm long; pedicel 5-7 mm long; ovary 4.5 mm long; sepals pale dull yellow, lightly suffused with pale rosy orange, glabrous, the dorsal sepal oblong, 16 mm long, 8 mm wide, connate to the lateral sepals for 12 mm to form a cylindrical tube, the obtuse apex contracted into a forwardly directed, slender, yellowish tail 18 mm long, the lateral sepals oblong, 25 mm long, 10 mm wide, connate 15 mm, the free portions rounded, contracted into tails 11-12 mm long; petals white, oblong, 7 mm long, 2.5 mm wide, the apex subtruncate, obscurely bilobed, the lower margin with a longitudinal callus, ending in an acute, retrorse tooth beyond the base; lip rose, narrowly oblong, 8 mm long, 2 mm wide, the apex subacute, slightly recurved, the disc with a pair of low, longitudinal calli from the thickened base to near the apex, the base truncate, hinged beneath; column white, semiterete, 5 mm long, the foot 3 mm long with the extension 1 mm long.

ECUADOR: Zamora-Chinchipe: Cordillera del Condor, alt. 2000 m, collected Feb. 1997 by Hugo Medina, cultivated at EcuaGenera, Gualaquío, Ecuador, Oct. 1999, *J. Portilla* 17 (Holotype: MO), *C. Luer* illustr. 19245.

This species of sect. *Masdevallia* is characterized by the short peduncle and pastel-colored flower with relatively short, forwardly directed tails. The basal tooth of the petals is acute and elongated beyond the base. Most distinctive is the narrowly oblong lip with a pair of calli along nearly the entire length.

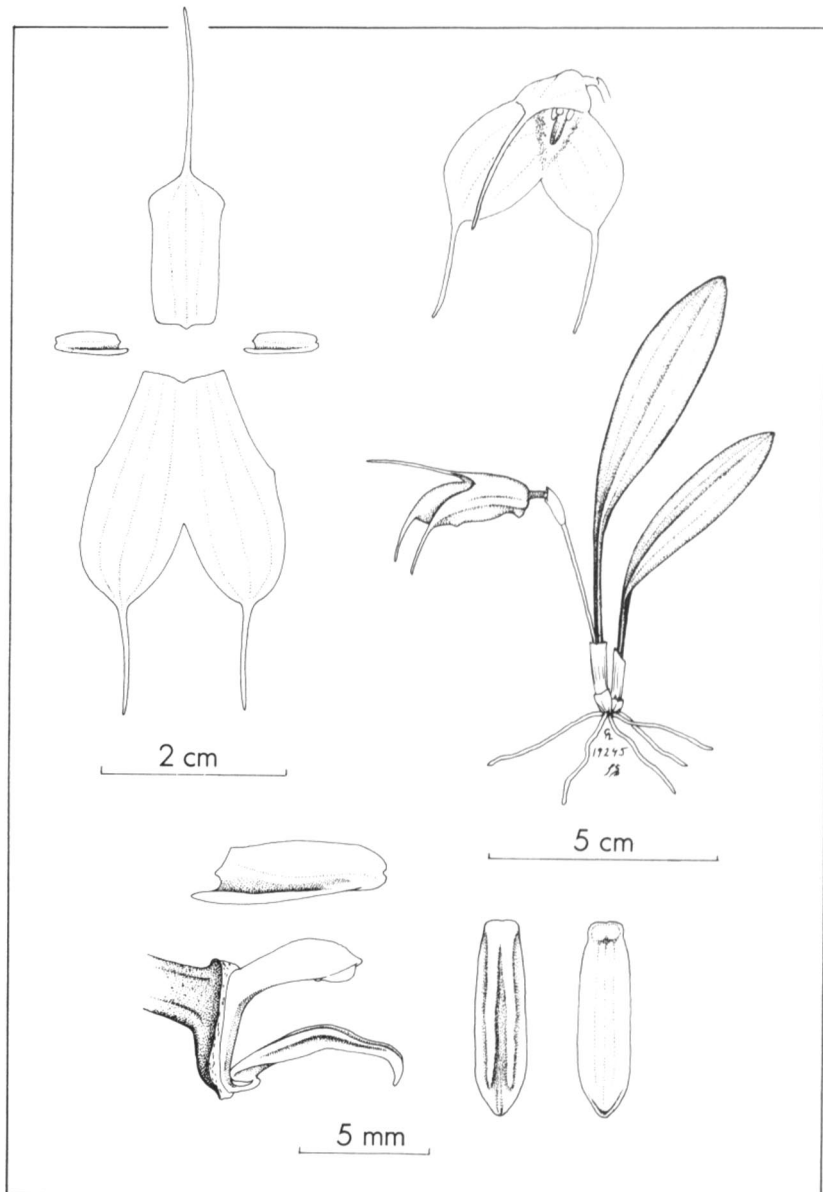


Fig. 10a. *Masdevallia trautmanniana*