

Masdevallia burianii Luer & Dalström, sp. nov.

Ety.: Named for Rick Burian, of Portland, OR, co-collector of this species.

Species haec *M. calocodon* Luer affinis, sed foliis acutis longissime petiolatis, floribus minoribus, petalorum processu basali crasso incurvato, et labello tricarinato differt.

Plant medium in size, epiphytic, caespitose; roots slender. Ramicauls black, slender, erect, 2.5-3.5 cm long, enclosed by a loose, tubular sheath and another at the base. **Leaf** erect, coriaceous, long-petiolate, 9-14 cm long including the black petiole 4-5 cm long, the blade elliptical, acute to subacute, 1.5-2 cm wide, cuneate below into the petiole. **Inflorescence** a solitary flower borne by a peduncle 9 cm long, with a sheath above the base, from low on the ramicaul; floral bract 12 mm long; pedicel 20 mm long; ovary 5 mm long; **sepals** white, spotted with purple, subcarinate, glabrous externally, shortly pubescent within, the dorsal sepal oblong, concave, 13 mm long, 10 mm wide, 3-veined, the apex obtuse, contracted into a slender tail 4-5 cm long, the lateral sepals oblong-ovate, obtuse, 15 mm long, 9 mm wide, 3-veined, connate ca. 5 mm over a transverse convexity, the apices contracted into slender tails similar to that of the dorsal sepal; **petals** cartilaginous, more or less oblong, obliquely acute at the apex, the labelar margin callous below the middle and ending in a thick, obtuse, incurved process, 8 mm long, 2.5 mm wide, 1-veined; **lip** oblong, arcuate below the middle, 7.5 mm long, 4 mm wide, the apex broadly truncate, the disc with a pair of longitudinal calli from base to apex, and a midline callous above the middle, the base cordate, thickened beneath and loosely hinged to the column-foot; **column** stout, 6 mm long, the foot equally long with an incurved extension, the anther and stigma ventral.

BOLIVIA: **Cochabamba**: road to Tablas, alt. 1500 m, Dec. 1999, *S. Dalström, J. Sönnemark & R. Burian* 2415 (*Holotype*: MO; *Isotype*:); *C. Luer illustr.* 19280.

Intermixed with numerous plants of *M. calocodon* Luer, several plants of this closely allied *M. burianii* were found. The leaves are long-petiolate and the flowers are smaller. The pubescence within the flowers varies in length and color, from purple to white. The angle between the lateral sepals is subacute to obtuse, while in *M. calocodon* the angle is transverse. The basal process of the petals is thick, obtuse, retrorse and incurved in *M. burianii*, while in *M. calocodon*, it is small and descending. The lip of *M. burianii* is oblong and distinctly tricallous.

Masdevallia burianii is also similar to *M. tinecae* Luer & Vásquez which also occurs nearby, but the mentum with the column-foot is larger in the latter and the process of the petal is slender and antrorse.