

Masdevallia formosa Luer & Cloes, sp. nov.

Ety: From the Latin *formosus*, "handsome," referring to the pleasing appearance of the plant.

Inter species subsectionis *Oscillantes*, sepalò dorsali supra medium cucullato cum cauda acute reflexa, petalis latis subtruncatis processu ad basim triangulari retrorso, et labello trilobo, lobis supra medium obtusis antrorsis distinguitur.

Plant medium in size for the subsection, epiphytic, caespitose; roots coarse. Ramicauls blackish, stout, erect, 1.5 cm long, enclosed by 2-3 dark, tubular sheaths. **Leaf** erect, coriaceous, petiolate, the blade elliptical, obtuse, 3.5 cm long, 2 cm wide, cuneate below and abruptly contracted into the petiole 1.2-1.5 cm long. **Inflorescence** a solitary flower, borne by a slender, erect peduncle 3 cm long, with a bract above the base, from low on the ramicaul; floral bract 8 mm long; pedicel 11 mm long; ovary 7 mm long; **sepals** pale yellow-orange, the dorsal sepal erect, subquadrate, 15 mm long, 15 mm wide, connate to the lateral sepals for 4 mm to form a shallow, gaping cup, concave and cucullate above the middle, the apex obtuse, decurved, abruptly contracted into an acutely reflexed tail 33 mm long, the lateral sepals oblong, connate 13 mm into a subquadrate lamina, 15 mm long, 20 mm wide, the transverse apices contracted into tails 30 mm long, similar to that of the dorsal sepal; **petals** pale yellow, broadly oblong, 4 mm long, 1.75 mm wide, the apex subtruncate, obscurely lobed, the labellar margin curved with a marginal callus terminating into a thick, retrorse, triangular process; **lip** light orange-brown, with brown dots, oblong-trilobed, the apical lobe subquadrate with a decurved, midline callus, the lateral, winglike lobes above the middle, obtuse, antrorse, microscopically erose, 4 mm long, 2.75 mm wide across the wings, the disc elevated from the base, becoming a pair of longitudinal calli on the middle third, the base concave beneath, hinged from within; **column** yellow, semiterete, proportionately large, 5 mm long, 2 mm wide, the foot thick, 1 mm long, with an incurved extension.

PERU: **Amazonas**: between Pomacochas and Río Ripa, collected and cultivated in Hasselt, Belgium, by P. Cloes 200 104 (Holotype: MO).

Among the species of subsection *Oscillantes*, this species is distinguished by the pale peach-colored flower with an erect dorsal sepal that is hooded or concave above the middle with the tail acutely reflexed. The lateral sepals are connate into a broad, suborbicular lamina that is abruptly contracted into a pair of descending tails. The petals, column and lip are exposed and erect in the center of the flower. The basal process of the petals is obliquely triangular and retrorse. The lip is trilobed above the middle, with the lobes wing-like, broadly triangular, obtuse and antrorse. The disc is convex through the basal two-thirds, and deeply concave beneath,