

**Masdevallia thienii** Dodson, sp. nov.

*Masdevalliae sprucei* Rchb. f. similis, sed labello bilamellato et inflorescentia pendenti differt.

Plant epiphytic, with a short rhizome, the secondary stems very short, unifoliolate. Leaf obovate, 10-13 cm long, 1.6-2 cm wide, petiolate, acute at the apex, attenuate at the base. Inflorescences pendent, 9-15 cm long, 6-9 flowers produced singly in succession, red with yellow base and antennae; floral bract loose; pedicellate ovary to 1.2 cm, smooth; dorsal sepal cuneate, the apical portion produced into a filiform, yellow tail 1.8-2 cm long, united to the lateral sepals for 1.5 cm, the lateral sepals ovate, united to above the middle, the apices tapered into similar tails, 2-2.2 cm long; petals oblong, 7 mm long, 4 mm wide, the apex emarginate, with an elongate, thickened ridge along the lower half; lip oblong, 3-lobed, the apical lobe ovate, 3 mm long, 2 mm wide, the lateral lobes cordate at the base and projecting behind the articulation with the column foot, the disc with 2 elongate, lamellate calli which extend for the length of the lip; column subterete, 4 mm long, with an elongate wing on each margin on the underside on each side of the stigma.

ETYMOLOGY: Named in honor of Dr. Leonard Thien of Tulane University who helped with its collection.

TYPE: *ECUADOR*: PICHINCHA: Km 28 Santo Domingo to Quevedo, epiphytic on tree overhanging river 4 km from main road, alt. 300 m, 27 Oct. 1961, C. H. Dodson & L. B. Thien 1133 (HOLOTYPE: SEL).

DISTRIBUTION: Western Ecuador.