

16. **RESTREPIA RADULIFERA** Luer & R. Escobar, sp. nov.

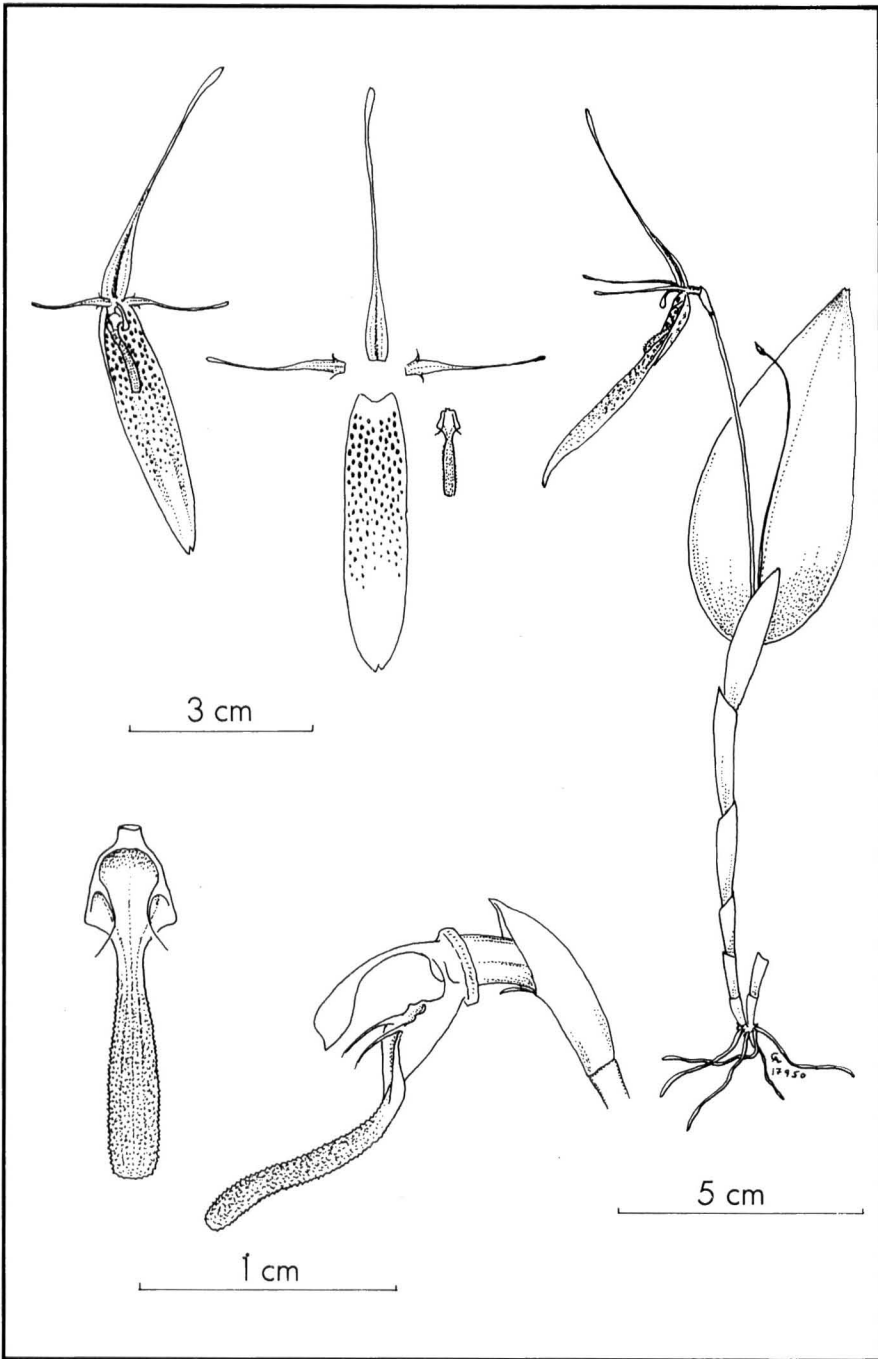
ETIMOLOGIA: Del latín *radulifer*, "que lleva una lima", en referencia al espiculado y angosto labelo.

ETYMOLOGY: From the Latin *radulifer*, "bearing a rasp," referring to the narrow, spiculate lip.

Planta *mediocris*, pedunculo folio plus minusve aequilongo, flore grandi, syn-sepalo *anguste oblongo brunneo guttato ad apicem aurantico*, et labello *elongato anguste pandurato epichilio spiculato differt*.

Plant medium in size, epiphytic, caespitose; roots slender. Ramicauls erect, 4-7.5 cm long, enclosed by 5-6 whitish, compressed, unspotted, more or less imbricating sheaths. **Leaf** erect, coriaceous, suffused with purple beneath, ovate, **acute** to subacute, 5-7.5 cm long, 2.5-3 cm wide, the base rounded, contracted into a twisted petiole 0.5 cm long. **Inflorescence** a solitary flower, produced successively up the back side of the leaf; peduncle slender, 7 cm long; floral bract thin, tubular, 8 mm long; pedicel stout, 2.5 mm long, with a short filament; ovary 5 mm long; **sepals** membranous, the dorsal sepal **free**, erect, translucent white with the midvein dark brown, narrowly ovate below the middle, attenuated above the middle with the apex clavate-thickened, 43 mm long, 3.5 mm wide above the base, 5-veined, the lateral sepals **connate** into a narrowly oblong lamina, bifid at the obtuse apex, brown on lower third, orange on outer two-thirds, spotted with dark red-brown on lower third, spots much smaller on middle third, disappearing on distal third, 45 mm long, 10 mm wide, multiple-veined; **petals** membranous, translucent white, midvein dark brown, narrowly linear-triangular, 22 mm long, 1.3 mm wide above the base, both margins with a capillary process near the base, attenuated above the middle with the apex clavate-thickened; **lip** dull yellow-green, dotted with purple, narrowly oblong-pandurate, 13 mm long, the hypochile concave, 3 mm wide, with a pair of narrowly acute processes becoming capillary, the isthmus 1.3 mm wide, the epichile narrowly oblong, markedly spiculate, 2 mm wide, the disc with a pair of low carinae extending forward from the base of each process onto the epichile, the base **subtruncate**, connected to the column-foot by a rigid, cylindrical neck; **column** greenish white, slender, clavate, 6 mm long, the base pedestal-like with a pair of obtuse calli.

VENEZUELA: Edo. Táchira: Páramo de Tamá, alt. ca. 2500 m, collected by Norberto Valencia, flowered in cultivation at Colomborquídeas, 7 July 1996, C. Luer 17950 (Holotype: MO).



Restrepia radulifera Luer & R. Escobar

Vegetativamente esta especie es parecida a muchas de las especies de tamaño mediano con una hoja ovada. Cerca al ápice de la hoja se presenta una flor grande con un sinsépalo moteado, largo y angosto. El sinsépalo es de color naranja-café con las manchas de color café oscuro desapareciendo hacia el ápice. El pandurado labelo, largo y angosto es muy característico, con el angostamente oblongo epiquilo cubierto de diminutas espículas.

Vegetatively this species is similar to many of the medium-sized species of the genus with an ovate leaf. Near the apex of the leaf a large flower with a long, narrow, spotted synsepal is held. The synsepal is orange-brown with the dark brown spots disappearing toward the apex. The long, narrow, pandurate lip is most distinctive, the narrowly oblong epichile being covered by minute spicules.



R. radulifera Luer & R. Escobar