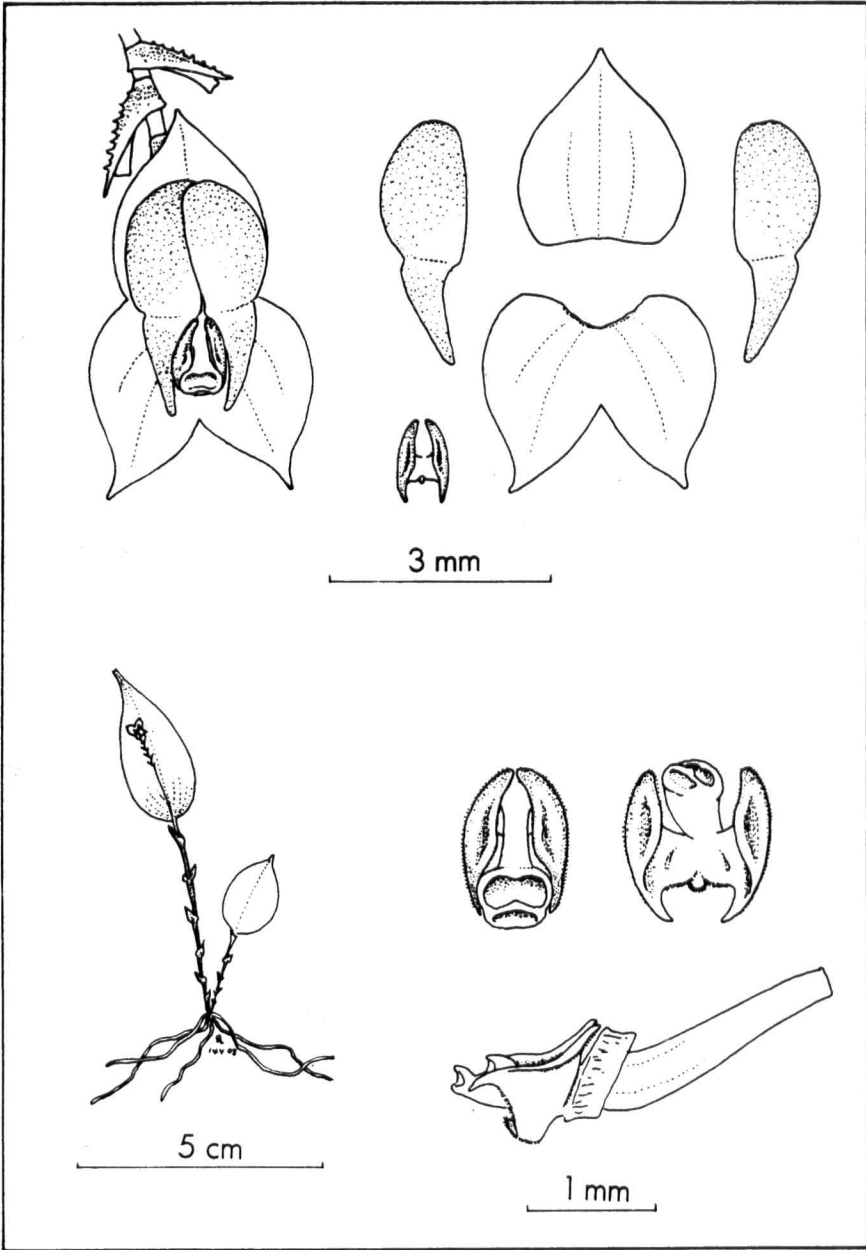


Lepanthes cogolloi Luer & Escobar, sp. nov.

Planta parva caespitosa, inflorescentia racemosa congesta folio elliptico leviter acuminato brevior, sepalis late ovatis subacutis, petalis transverse bilobatis proportione magnis minute pubescentibus, lobo superiore suboblongo, lobo inferiore triangulari brevior, labelli laminis anguste ellipticis concavis minute pubescentibus, connectivis cuneatis, appendice crassa oblonga pubescenti.

Plant small, epiphytic, caespitose; roots fine. Ramicauls erect, slender, 2-4 cm long, enclosed by 7-8 microscopically ciliate, lepanthiform sheaths. Leaf erect, coriaceous, elliptical-ovate, acute, lightly acuminate, 2-3.5 cm long, 1.5 cm wide, the base cuneate into a petiole 3mm long. Inflorescence a congested, successively several-flowered raceme up to at least 5 mm long, borne along the back surface of the leaf by a slender peduncle 18-20 mm long; floral bracts echinate, 1.5 mm long; pedicels 1 mm long; ovary 2 mm long; sepals yellow, entire, carinate the dorsal sepal broadly ovate, subacute or obtuse, 2.75 mm long, 2.25 mm wide, connate to the lateral sepals for 0.5 mm, the



Lepanthes cogolloi Luer & Escobar

lateral sepals ovate, oblique, acute, 5 mm long, 1.5 mm wide, connate 1 mm, 2-veined; petals proportionately large, yellow, minutely pubescent, transversely bilobed, 1.25 mm long, 3.25 mm wide, 1-veined, the upper lobe elliptical-oblong with the apex rounded, the lower lobe shorter, narrowly triangular; lip purple, minutely pubescent, bilaminated, the blades narrowly elliptical, concave, with the apices and bases narrowly obtuse, 1.2 mm long, the connectives cuneate, the body broad, connate to the base of the column, the sinus thickened with an oblong, pubescent appendix; column stout, 1 mm long, the anther apical, the stigma subapical.

Etymology: Named in honor of Dr. Alvaro Cogollo, curator of the herbarium JAUM in Medellín, Colombia, who discovered this species.

COLOMBIA: Dept. of Antioquia: Parque Nacional Natural "Las Orquideas," Sector Venados, Rio Venados, alt. 1090-1215 m, 28 July 1988, A. Cogollo, J. Ramírez & O. Alvarez 3539 (Holotype: JAUM; Isotype: MO), C. Luer illustr. 14408.

This species is characterized by the elliptical, shortly acuminate leaves and a congested raceme borne along the back of the leaf; small, broadly ovate sepals; proportionately large, bilobed petals, the two upper lobes obscuring the dorsal sepal; and narrow, concave blades of the lip with a short, thick, pubescent appendix.