

No. 105 - ***LEPANTHES SINUOSA*** Luer & Escobar, sp. nov.

Planta parva debilis caespitosa, inflorescentia racemosa congesta folio ovato acuto reticulato sinuoso brevior, sepalo dorsali orbiculato, sepalis lateralibus

ovatis acutis, petalis transverse lobatis, lobis oblongis truncatis erosis cum lobo intermediano gracillimo, labelli laminis falcatis, appendice cymbiformi ciliata apice glandulosa.

Plant small, weak, epiphytic, caespitose; roots slender. Ramicauls very slender, suberect to horizontal, 1.5-6.5 cm long, enclosed by 6-10 microscopically ciliate, lepanthiform sheaths. Leaf suberect to spreading, thin, reticulate, with a sinuate margin, ovate, acute to subacute, 27-35 mm long, 12-18 mm wide, the base broadly cuneate into a petiole ca. 1 mm long. Inflorescence a very congested, subsecund, successively many-flowered raceme, up to 10 mm long, borne on top of the leaf by a filiform peduncle 10-20 mm long; floral bracts 0.5 mm long; pedicels overlapping, 2.5-3 mm long; ovary 1 mm long; sepals light yellowgreen, glabrous, subcarinate, the dorsal sepal suborbicular, 3.4 mm long, 2.5 mm wide, 3-veined, connate to the lateral sepals for 0.5 mm, the lateral sepals ovate, oblique, subacute, connate 1.6 mm, 3.4 mm long, 3.4 mm wide together, each 2-veined; petals purple on the outer and inner thirds, green on the middle third, minutely pubescent, transversely bilobed, 1 mm long, 3.5 mm wide, 1-veined, the lobes diverging, oblong, truncate, with the upper edge minutely erose, with a third lobe between the lobes, arcuate, slender, 1 mm long; lip greenish brown, thin, weak, bilaminar, the blades microscopically pubescent, flat, falcate, adherent below the middle over the column, 1.6 mm long, the connectives broadly cuneate, the body broad, connate to the base of the column, the sinus obtuse with the appendix oblong, cymbiform, pubescent, with an apical, bifid gland; column 1 mm long, with the anther dorsal and the stigma ventral.

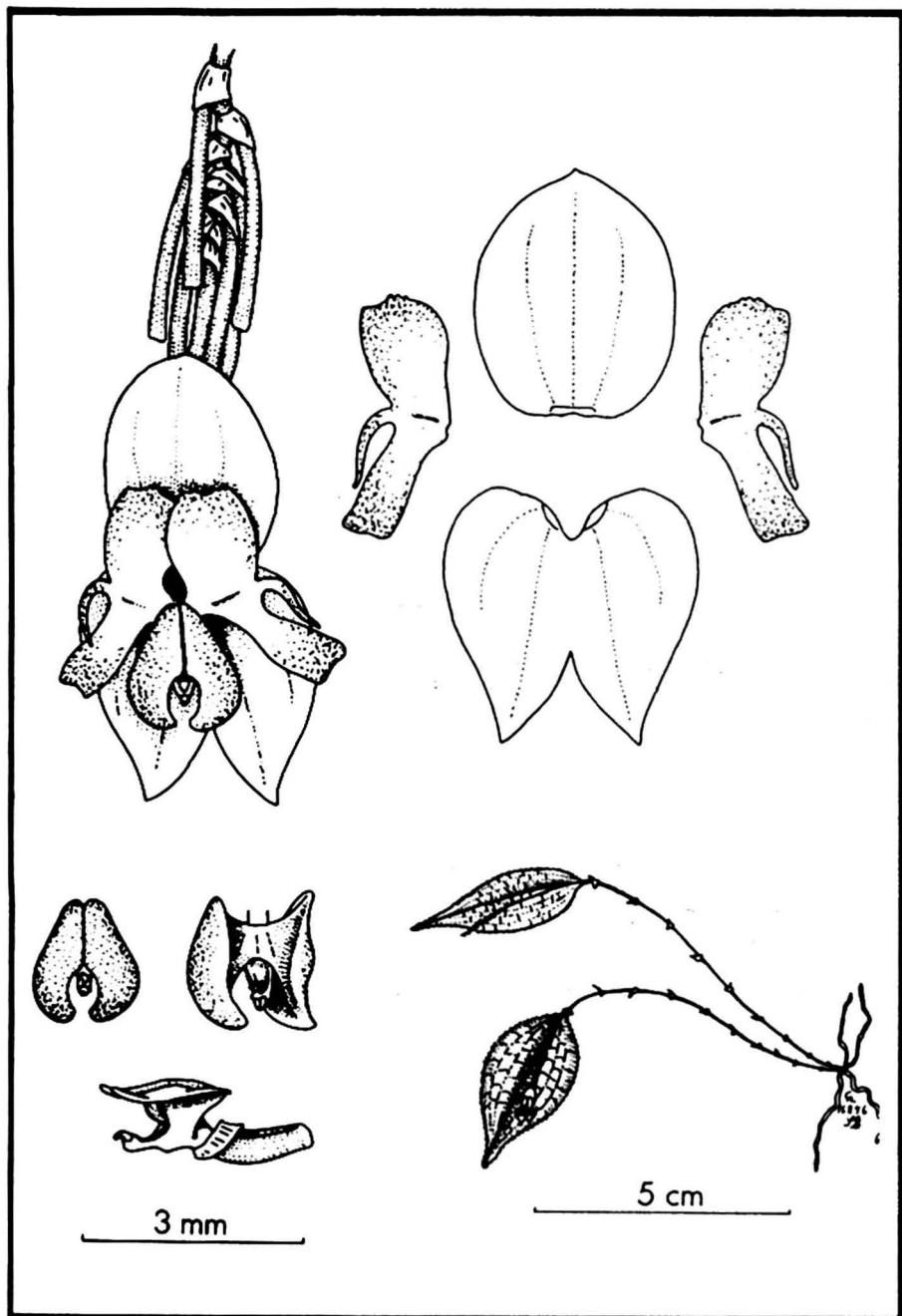
TYPE: Colombia: Risaralda: Munic. of Pueblo Rico, above Pueblo Rico, epiphytic in wet forest along the road to the TV antenna, alt. 1630 m, 14 May 1993. *C. Luer, J. Luer, A. de Wilde & J. Gómez 16846* (Holotype: MO); Pueblo Rico, Alto de la Línea, alt. 2.000 m, coll. by E. Valencia, July 1993. flowered in cultivation at Colomborquideas, 22 Feb, 1994, *R. Escobar 5466* (JAUM)

ETYMOLOGY: From the Latin *sinuosus*, "very sinuous," referring to the margin of the leaf.

ETIMOLOGIA: Del latín *sinuosus*, "muy sinuoso", en alusión a las márgenes de la hoja.

This species, known only from one area in the Western Cordillera, is a relative of the common *L. mucronata* Lindl., but the leaves are distinctive. They are ovate, acute, slightly acuminate and reticulate with markedly sinuate margins. The flower lies upon the dorsum. The truncate apices of the lobes of the petals are erose, and a slender middle lobe about one centimeter long curves downward. The thin, flat laminae of the lip are falcate and adherent to each other below the middle over the column. The boat-shaped appendix is pubescent with a bifid gland at the apex.

Esta especie conocida únicamente de una región en la Cordillera Occidental, está emparentada con la común *L. mucronata* Lindley, pero las hojas son distintivas. Estas son ovadas, agudas, ligeramente acuminadas y reticuladas con márgenes marcadamente sinuosas. La flor descansa sobre el dorso. Los ápices truncados de los lóbulos de los pétalos son erosos, y un lóbulo central, esbelto y delgado de más o menos un centímetro de largo se curva hacia abajo. Las delgadas y planas láminas del labelo son falcadas y adherentes una a otra debajo de la mitad encima de la columna. El apéndice en forma de bote es pubescente con una glándula bifida en la punta.



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