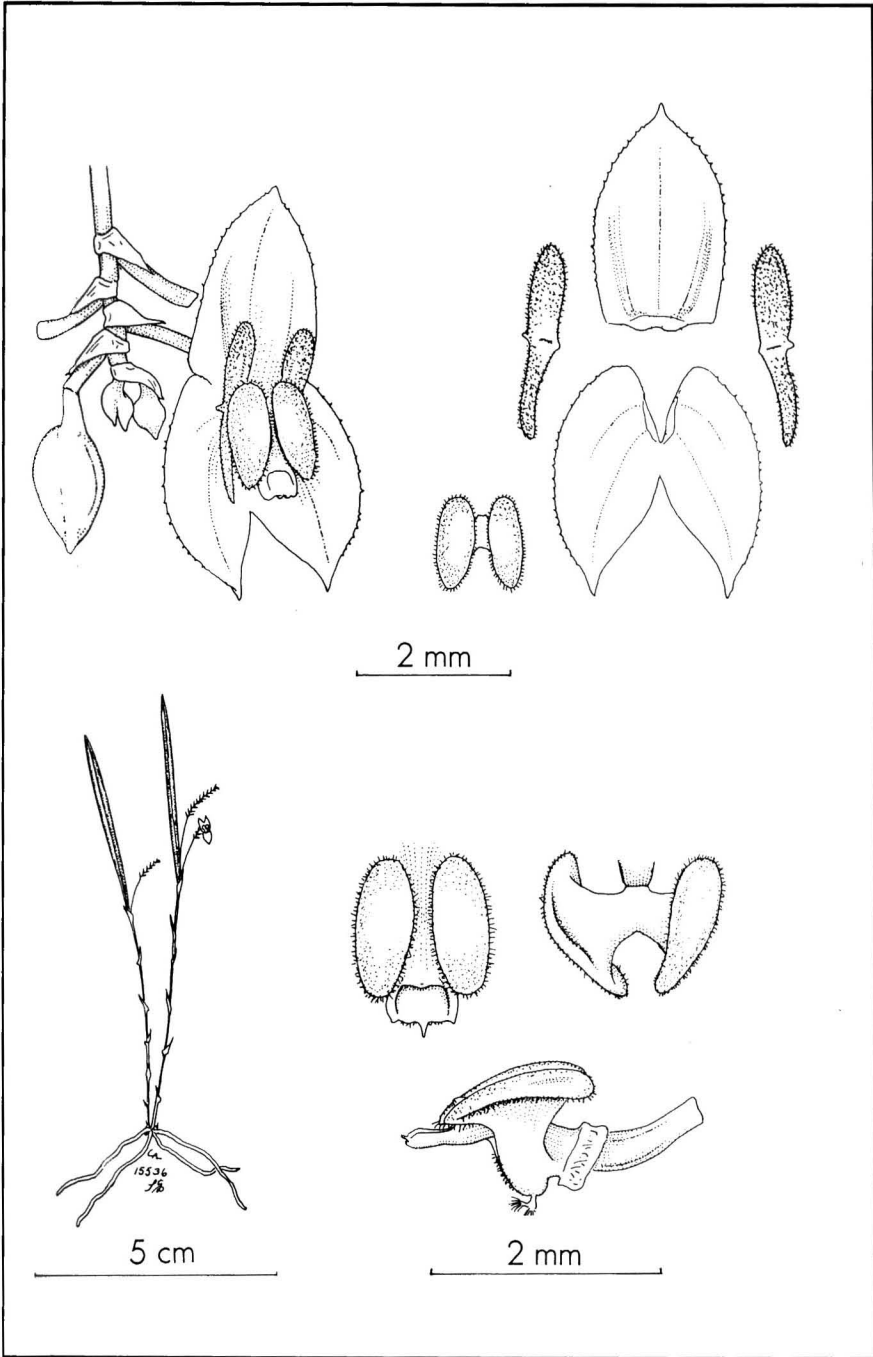


1. **LEPANTHES ACICULIFOLIA** Luer, sp. nov.

Planta parva, caespitosa, inflorescentia racemosa congesta disticha folio anguste semitereti brevior, sepalis sparsim ciliatis, petalorum lobis oblongis pubescentibus, labelli laminis ellipticis ciliatis, appendice extus bipartita scopiformi.

TYPE: Colombia: ? Dept. of Valle del Cauca: without collection data, purchased in Cali with *L. calodictyon* by Karen Zendig, flowered in cultivation by John Sullivan in NJ, Dec. 1991, *C. Luer 15536* (MO).

ETIMOLOGIA: Del latín *aciculifolius*, "con hojas en forma de aguja", en alusión a las hojas angostas, teretes.



Lepanthes aciculifolia Luer

ETYMOLOGY: From the Latin *aciculifolius*, “with needle-like leaves,” referring to the narrow, terete leaves.

Plant small, epiphytic, caespitose; roots slender. Ramicauls slender, erect, 4-5 cm long, enclosed by 6-7 glabrous, closely appressed, long-acuminate, lepanthiform sheaths. **Leaf** erect, narrowly linear-semiterete, longitudinally shallowly channeled, acute, 33-38 mm long, 2 mm wide, 1 mm deep, narrowed below into the base. **Inflorescence** a congested, distichous, successively many-flowered raceme, up to 10 mm long, borne by a slender peduncle 8-12 mm long; floral bracts acute, 1 mm long; pedicels 1.5 mm long; ovary 1 mm long; **sepals** rose with whitish margins, glabrous, sparsely ciliate, the dorsal sepal ovate, concave, obtuse, minutely short-acuminate, 3 mm long, 1.66 mm wide unexpanded, 2 mm wide expanded, 3-veined, connate to the lateral sepals for 0.3 mm, the lateral sepals ovate, oblique, acute, 3 mm long, 1.2 mm wide, 2-veined, connate 0.5 mm; **petals** rose, transversely bilobed, 0.2 mm long, 2.5 mm wide, the lobes oblong, subequal, obtuse, pubescent, the upper lobe slightly broader, with a small lobule on the outer margin between the lobes; **lip** rose, bilaminar, 1.2 mm long, the blades elliptical with rounded ends, ciliate, the connectives oblong, the body broad, connate to the base of the column, the sinus obtuse, the appendix external, bipartite, the 2 parts brush-like; **column** stout, 1.5 mm long, the anther dorsal, the stigma ventral.

Esta característica especie se reconoce por las hojas largas, angostas, semiteretes, más delgadas que las de las otras especies que se conocen con hojas teretes: *L. closterion* Luer & Hirtz, *L. fusiformis* Luer o *L. teres* Luer. Los sépalos de color rosa son raramente ciliados y los pétalos oblongos son pubescentes. Las láminas elípticas del labelo son ciliadas. El apéndice, partido en dos, tiene forma de brocha y está localizado en la superficie exterior del cuerpo del labelo.

This distinctive species is recognized by the long, narrow, semiterete leaves, slenderer than those of the other terete-leaved species known: *L. closterion* Luer & Hirtz, *L. fusiformis* Luer or *L. teres* Luer. The rose-colored sepals are sparsely ciliate and the oblong petals are pubescent. The elliptical blades of the lip are ciliate. The two-parted, brush-like appendix is located on the outer surface of the body of the lip.