

lobis anguste oblongo-triangularibus subaequalibus, labello bilaminato, laminis ovatis, corpore grandi crasso cum appendice parva extus.

Plant small, epiphytic, caespitose; roots slender. **Ramicauls** erect, slender, 3 cm long, enclosed by 8-9 microscopically scabrous, lepanthiform sheaths with dilated ostia. **Leaf** erect, coriaceous, ovate, acute, 18-20 mm long, 6-7 mm wide, with the base cuneate into a petiole 1-1.5 mm long. **Inflorescence** a congested, distichous, successively several-flowered raceme up to xx mm long, borne behind the leaf by a slender peduncle 13 mm long; floral bracts 1 mm long; pedicels 1.25 mm long; ovary 1.5 mm long; **sepals** rose with yellow margins, microscopically subdentate, 3-carinate, the dorsal sepal concave below the middle, ovate-triangular, acute, lightly acuminate, 4.5 mm long, 2.5 mm wide expanded, 3-veined, connate to the lateral sepals for 0.5 mm, the lateral sepals broadly ovate, oblique, concave medially, obtuse, shortly acuminate, 3.5 mm long, 2 mm wide, 2-veined, connate 1.25 mm; **petals** red-orange, pubescent, transversely bilobed, 0.6 mm long, 3 mm wide, the lobes nearly equal, narrowly oblong-triangular, narrowly obtuse; **lip** crimson, minutely pubescent, bilaminate, with the blades ovate, slightly concave, with the apices obtuse, 1.2 mm long, the connectives broadly oblong from a thick, broad, descending body extending below the sinus, rounded externally with a minute, ovoid appendix, the body connate to the base of the column; **column** 1.5 mm long, semiterete, the anther dorsal and the stigma ventral.

ETYMOLOGY: From the Greek pyknogeinos, "with a thick chin," referring to the body of the lip.

This species was collected out of flower in Panama, and cultivated by Mr. and Mrs. H. Phillips Jesup in Bristol, CT. It is distinguished by the small, ovate leaf with the peduncle nearly or about as long; an acute, concave, dorsal sepal; narrowly oblong, transverse petals; and a lip with a thick, deep body extending below the sinus with a minute appendix borne externally. No close relative is recognized.

Lepanthes pycnogenia Luer, *sp. nov.* TYPE: PANAMA. Prov. of Chiriquí collected by R. & K. Dressler & C. & J. Luer in Feb. 1985, flowered in cultivation by P. & A. Jesup in Bristol, CT, 10 Dec. 1988, *C. Luer 13782* (Holotype: MO). Fig. 10.

Planta parva caespitosa, inflorescentia racemosa congesta folio ovato subaequilonga, sepalis carinatis, sepalo dorsali concavo triangulari acuto, sepalis lateralibus late ovatis obliquis obtusis breviter acuminatis, petalis transverse bilobis pubescentibus,

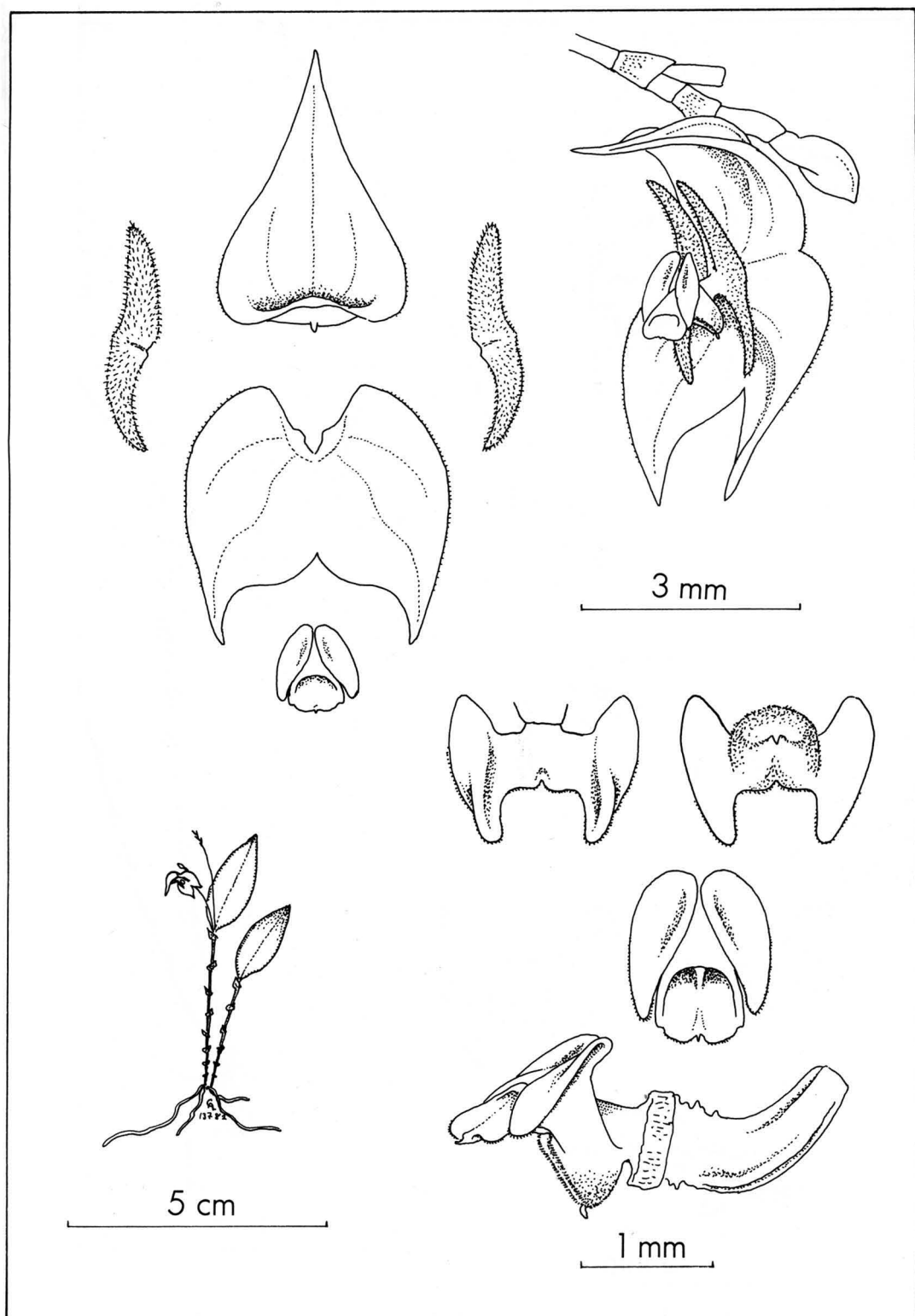


Fig. 10. *Lepanthes pycnogenia* Luer