

***Lepanthes fascinata*** Luer, sp. nov. TYPE: COSTA RICA. Cartago: San Cristóbal, ca. 1867, A. Endres s.n. (Holotype: W). Fig. 10.

Species haec *L. myiophorae* Luer affinis, sed sepalis subdenticulatis non longi-attenuatis, petalis transverse anguste oblongis, non bifurcatis, labelli laminis oblongis perpendicularibus cum connectivis anguste oblongis longioribus, appendice oblonga extus differt.

**Plant** small, epiphytic, caespitose; roots slender. Ramicauls slender, erect, 1.5–4 cm long, enclosed by 6–8 lepanthiform sheaths with minutely ciliate, dilated ostia. **Leaf** erect, coriaceous, elliptical, acute, slightly acuminate, 15–18 mm long, 5–7 mm wide, cuneate below into the 1 mm long petiole. **Inflorescence** a congested, distichous, successively many-flowered raceme up to 9 mm long, borne behind the leaf by a filiform peduncle 4–5 mm long; floral bracts 1 mm long, muriculate; pedicels 1.5 mm long; ovary 1.5 mm long, subcarinate; **sepals** pale green, subdenticulate, carinate, the dorsal sepal ovate, acute, 3.5 mm long, 1.5 mm wide, connate to the lateral sepals for 0.25 mm, the lateral sepals diverging, ovate-triangular, oblique, acute, acuminate, 3 mm long; 1.6 mm wide, connate 0.5 mm; **petals** bright yellow, glabrous (microscopically pubescent), transversely bilobed, narrowly oblong, with the ends

narrowly obtuse, 0.3 mm wide, 3.25 mm long, the lobes opposite 180°, equal in length, the lower slightly narrower; **lip** bright yellow, bilaminate, the blades microscopically pubescent, narrowly oblong, with the ends rounded, 0.8 mm long, perpendicular to and surrounding the column below the clinandrium, the connectives narrowly oblong, from the middle of the blade, the body oblong, connate to the base of the column, the appendix external, oblong, ciliate, incurved; **column** cylindrical, 1.5 mm long, with the anther and stigma apical.

ETYMOLOGY.: From the Latin *fascinatus*, "fascinated," in allusion to the lip.

PARATYPE: COSTA RICA. Without locality, A. Endres s.n. (W).

This little species is related to *L. myiophora*. It was collected by Endres over a century ago, and to my knowledge it has not been recollected. Apparently, he made no illustration; the accompanying illustration was made from flowers rehydrated in concentrated ammonia.

Vegetatively, this species is similar to *L. myiophora*, but it differs from the later in having twice shorter, proportionately wider sepals. The petals are transversely narrowly oblong with the blades opposite, 180°, not bifurcate and acute. The column is cylindrical with the blades of the lip smaller and held perpendicularly below and encircling the apex of the column. The connectives are oblong and narrow, connate to each other about the middle to form an oblong body with the oblong appendix external.

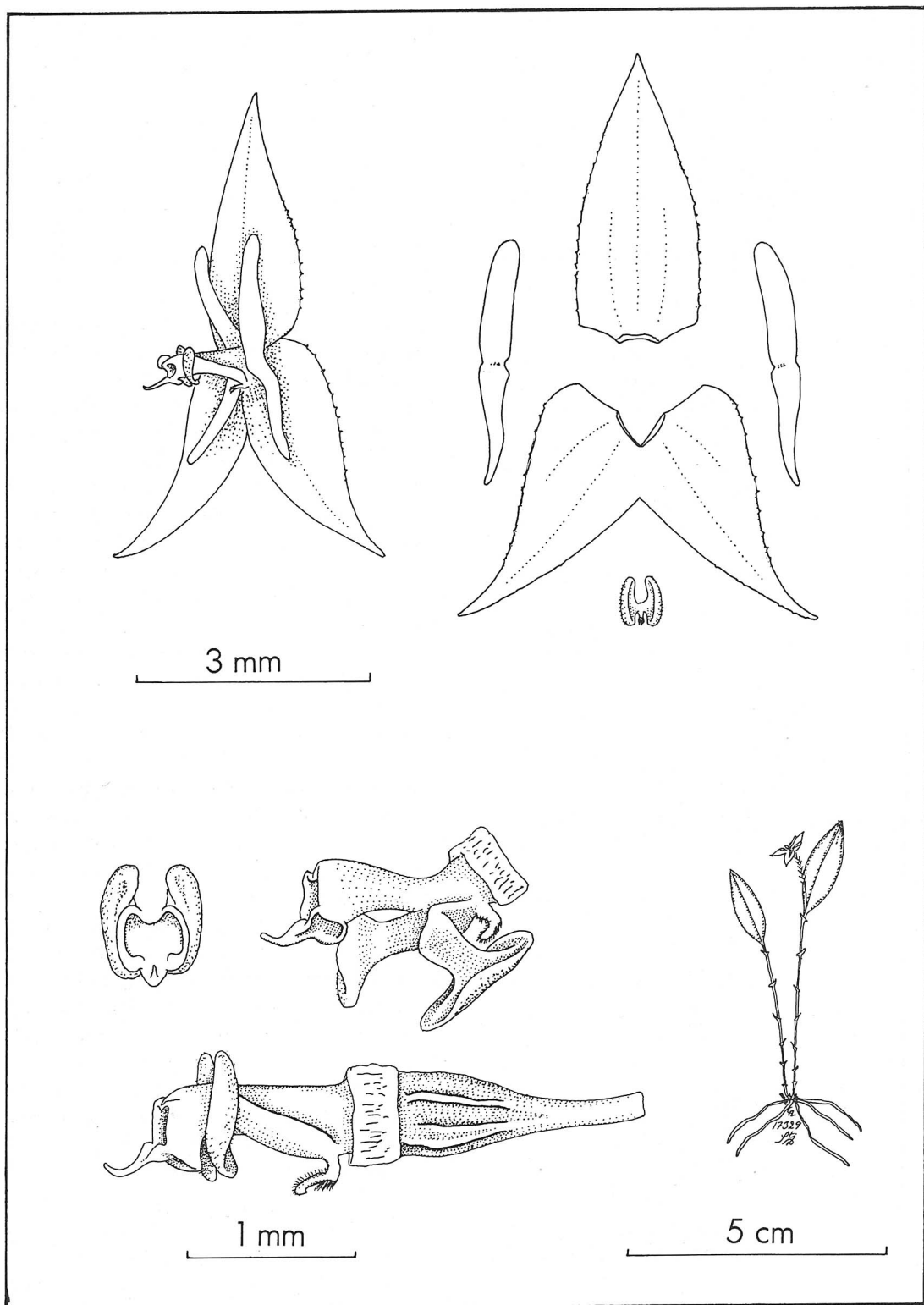


Fig. 10. *Lepanthes fascinata* Luer.