

0.75 mm long, 3-3.25 mm wide, the lobes oblong, obtuse, the lower lobe smaller; lip orange or red-purple, bilaminate, the blades elliptical with rounded ends, 1.2 mm long, the apices long-ciliate, the connectives cuneate, forming an oblong body, connate to the base of the column, the sinus obtuse with the appendix small, inflexed; column 1 mm long, the anther dorsal, the stigma ventral.

ETYMOLOGY: From the Greek *krossotos*, "fringed," referring to the ciliate margins of the sepals.

TYPE: PANAMA: Prov. of Chiriquí: Cerro Punta, collected and cultivated by A. Maduro, 1986, *C. Luer 11630* (Holotype: MO).

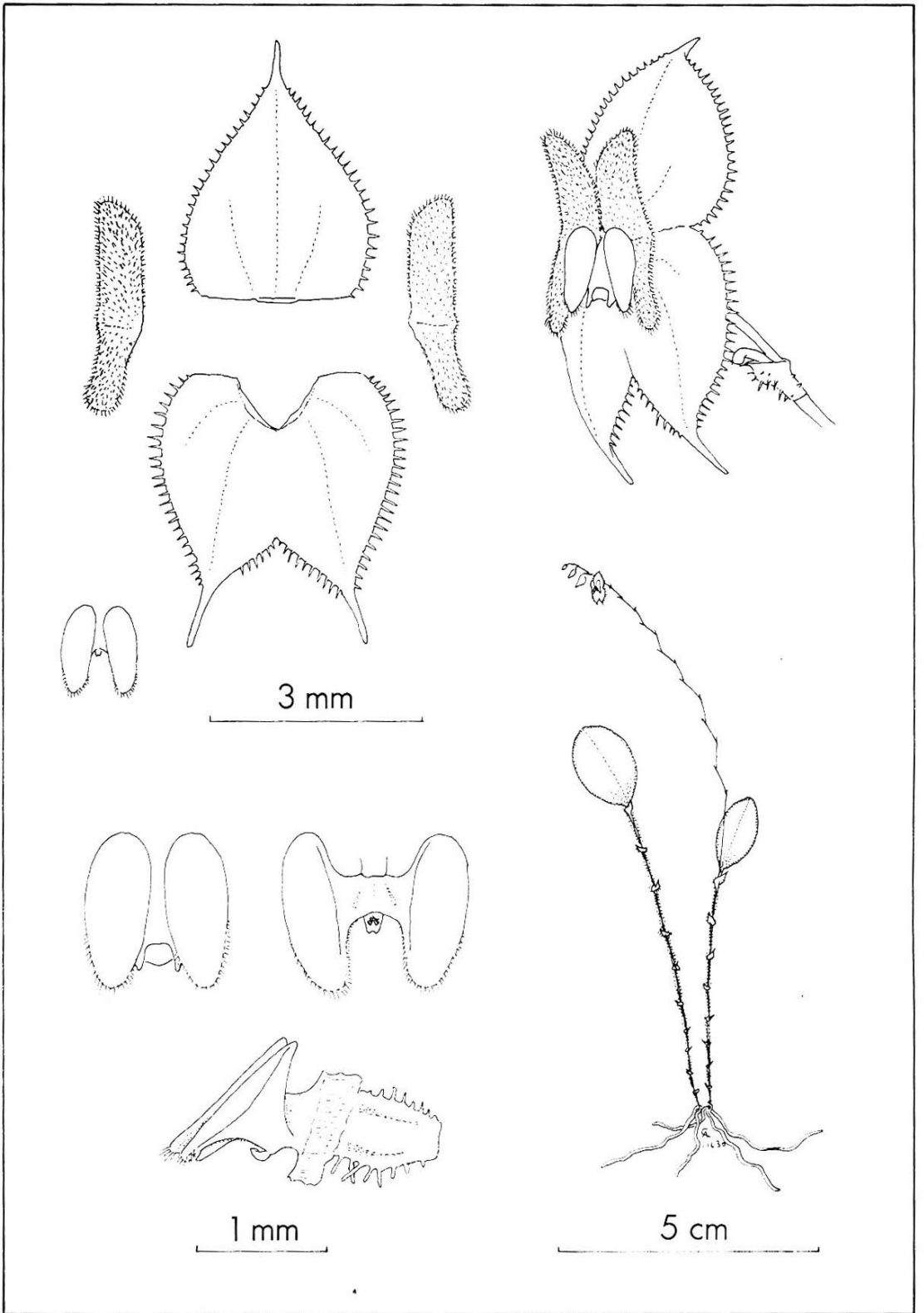
COSTA RICA: Prov. of Puntarenas: epiphytic in cloud forest along the approach to the Monteverde Forest Preserve, alt. 1400 m, 24 June 1981, *C. Luer & A. Luer 6406* (SEL).

This species is related to the Costa Rican *L. jimenezii* Schltr. In habit they are similar, but the sepals of *L. jimenezii* are shortly denticulate and the tails are longer. The most distinctive feature of *L. jimenezii*, however, is the pair of long, oblong connectives that lift the blades of the lip far above the column. The connectives of the lip of *L. crossota* are shortly cuneate, bearing the blades no higher than the column.

***Lepanthes crossota* Luer, sp. nov.**

Planta parva caespitosa, vaginis ramicaulorum longiciliatis, inflorescentia racemosa laxe pluriflora folium ellipticum excedenti, sepalis ovatis breviter caudatis longidenticulatis, petalis transverse bilobatis, lobis oblongis obtusis, lobo inferiore minore, labelli laminis ellipticis longiciliatis, connectivis cuneatis, appendice parva inflexa.

Plant small, epiphytic, caespitose; roots slender. Ramicauls slender, erect, 2-6 cm long, enclosed by 6-12 long-ciliate, lepanthiform sheaths. Leaf erect, coriaceous, elliptical, obtuse, 8-16 mm long, 6-12 mm wide, the rounded base contracted into a petiole 1 mm long. Inflorescence a loose, lightly flexuous, successively several-flowered raceme up to 10 cm long including the filiform peduncle 1.5-2 cm long; floral bracts 1 mm long, long-spiculate; pedicels 1 mm long; ovary 0.75 mm long, with fringed crests; sepals cream to pale orange-brown, carinate-spiculate, the margins long-ciliate-denticulate, ovate, the obtuse apices contracted into short, slender tails, the dorsal sepal 3.75 mm long, 2.5 mm wide, connate to the lateral sepals for 0.75 mm, the lateral sepals oblique, 3.75 mm long, 1.6 mm wide, connate 1.5 mm; petals orange or red-purple, shortly pubescent, transversely bilobed,



Lepanthes crossota Luer