

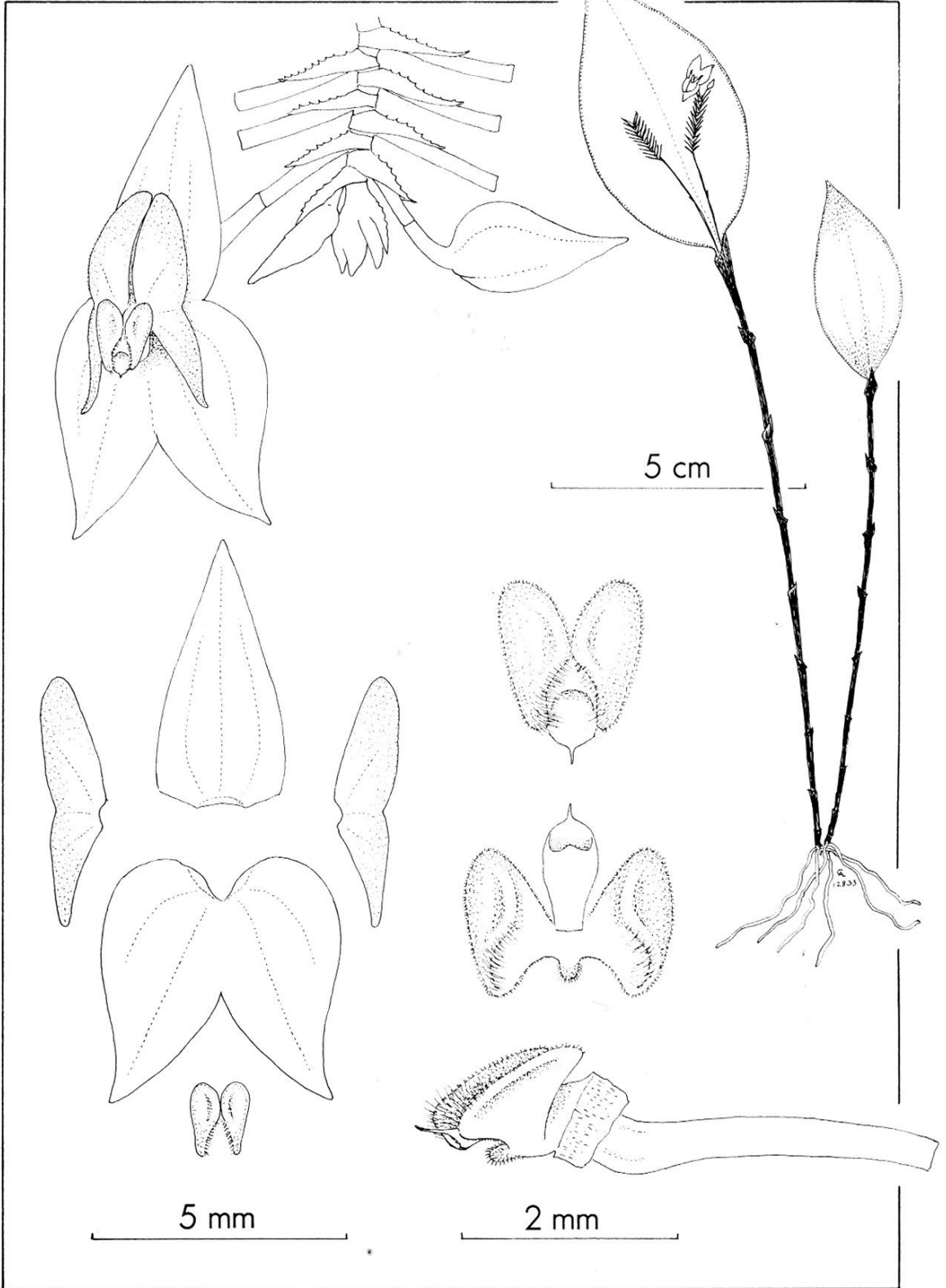
Lepanthes horichii Luer, sp. nov.

Planta grandis caespitosa, ramicaulorum vaginis appressis glabris, inflorescentia racemosa congesta longipedicellata folio crasso elliptico brevior, sepalis ovatis acutis integris, petalis transverse bilobatis brevipubescentibus, lobo superiore oblongo obtuso, lobo inferiore triangulari, labelli lamina ovatis obtusis minute pubescentibus apicibus longivillosis, connectivis cuneatis, appendice ovoidea pubescenti.

Plant large for the genus, epiphytic, caespitose; roots capillary. Ramicauls erect, suberect to horizontal, stout, 5-13 cm long, enclosed by 7-9 blackish, glabrous, closely appressed, lepanthiform sheaths. Leaf erect in relationship to the stem, thick coriaceous, elliptical, subacute, 4.5-6.5 cm long, 2.5-3.2 cm wide, the base cuneate into a petiole 3-5 mm long. Inflorescence a congested, distichous, long-pedicellate, successively many-flowered raceme up to 18 mm long, borne behind the leaf by a filiform peduncle 20-30 mm long; floral bracts 1.5 mm long, minutely echinate; pedicels 2.5-3 mm long; ovary 3 mm long; sepals light orange, entire, subcarinate, ovate, acute, the dorsal sepal 5 mm long, 2.5 mm wide, connate to the lateral sepals for 0.5 mm, the lateral sepals oblique, 5 mm long, 2.5 mm wide, connate 1.5 mm; petals orange with the margin red, transversely bilobed, minutely pubescent, 1 mm long, 4.75 mm wide, the upper lobe oblong, obtuse, the lower lobe narrowly triangular, acute; lip rosy orange, minutely pubescent, bilaminate, the blades thick, ovate, with rounded ends, the inner apical margins long-villous, 1.5 mm long, the connectives broadly cuneate, forming a thick body, connate to the base of the column, the sinus obtuse with the appendix ovoid, pubescent; column 1.5 mm long, the anther dorsal, the stigma subapical.

ETYMOLOGY: Named in honor of Klaus Horich who discovered this species.

TYPE: COSTA RICA: Province of Heredia: "Carritas," collected by K. Horich in March 1986, flowered in cultivation at Great Lakes Orchids, 15 Dec. 1986, *C. Luer 11644* (MO); Vera Blanca, cultivated by J & L Orchids, Easton, CT., 284-153, flow-



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