

Lepanthes eximia *Ames sp. nov.* Herba pusilla, epiphytica, inconspicue hispidula. Caules caespitosi, usque ad quinque vaginati, erecti vel ascendentes, graciles, monophylli. Vaginae ore acuminato, elongatae, caules obtegentes, arcte appressae, nervis maculatis. Folium ellipticum, marginatum, bidenticulatum apiculo interjecto. Pedunculi singuli vel fasciculati. Racemi pauciflori. Sepala lateralia vix usque ad medium cohaerentia, lanceolata, subacuta, margine glandulosa, uninervia nervo carinato. Sepalum dorsale triangulare, acutum, margine sparse glandulosum, trinervium nervo medio carinato glanduloso. Petala linearia, margine anteriore protuberanti. Labellum subquadratum vel oblongum, antice profunde bilobatum; lobis rotundato-obtusis, porrectis. Discus glaber. Columna brevis.

Epiphytic herb 2.5–3.5 cm. high. Secondary stems 1–2.5 cm. long, caespitose, sheathed, unifoliate. Sheaths about five, closely appressed, muriculate on the longitudinal nerves, expanded abruptly into an ovate-lanceolate acuminate tip which is marginate and muriculate on the margin. Leaf elliptical, up to 1 cm. long, 5 mm. wide, coriaceous, distinctly marginate, abruptly contracted at base into an abbreviated petiole, tridenticulate at the apex, the middle tooth an apiculate continuation of the mid-nerve. Peduncles few or solitary in the axil of the leaf, with the few-flowered raceme about 1 cm. long, slender. Flowers minute, solitary or as many as three in a loose raceme. Bracts of the inflorescence infundibuliform, sparsely glandular. Pedicel with the ovary about 2 mm. long. Ovary conspicuously winged longitudinally. Lateral sepals united almost to middle or for one-third of their length, 2.5 mm. long, about 1 mm. wide near the base, lanceolate, subacute, glandular on the margin, 1-nerved through the middle, the nerve prominent. Dorsal sepal united with the lateral sepals, 2.5 mm. long, up to 2 mm. wide, triangular or triangular-ovate, acute, glandular-ciliate on the margin, 3-nerved, the middle nerve lightly carinate and glandular. Petals 1 mm. long, equaling the column and parallel with it, linear above the base, the margin protuberant on the anterior basal portion. Labellum 1.5 mm. long, scarcely 1 mm. wide, subquadrate, bilobed or bifid at the apex; the lobes or divisions obtuse, rounded and porrect. Disc ecallose. Column short, without a distinct foot.

Without close allies in the Central American flora, but habitually similar to *Lepanthes tipulifera* Reichb. f. The floral structure indicates transitional tendencies toward *Pleurothallis*.

COSTA RICA, Cartago, Estrella, C. H. Lankester & Alfredo Sancho 437 (TYPE in Herb. Ames No. 24409): Hills south of Cartago, C. H. Lankester K334 (Herb. Kew.).