

Lepanthes rostrata *Ames sp. nov.* Radices fibratae. Caules secundarii caespitosi, ascendentes, vaginis muriculatis vestiti, monophylli. Vaginae elongatae, apice in laminam marginatam hispidulam expansae. Folium coriaceum, ellipticum, prope apicem abrupte contractum, terminationem rostriformem formans, basi in petiolum brevem conduplicatum angustatum. Pedunculus folium excedens, filiformis, in racemum pauciflorum terminans. Rachis racemi nonnihil flexuosa. Flores rubrotincti, pellucidi. Sepala lateralia usque ad medium cohaerentia, laminam lanceolatam bifidam formantia, eglandulosa, valde membranacea, apice breviter caudata, margine interiore prope apicem partis liberae protuberanti. Sepalum dorsale ovato-lanceolatum, longe acuminatum, in caudam productum, valde concavum. Petala multo latiora quam longiora, transverse bilobata; lobis valde inaequalibus, oblongis, subobtusis.

NEW OR NOTEWORTHY ORCHIDS

Labellum trilobatum; lobis lateralibus angustatis, post columnam extendentibus; lobo medio gracili, ciliato. Columna brevis, superne dilatata.

Epiphytic, caespitose herb. Roots fibrous, smooth. Secondary stems 2.5–3.5 cm. long, slender, concealed by elongated sheaths, monophyllous. Sheaths about six, 6 mm. long, sparsely hispidulous, with the bristles elongated, dilated at the apex into an ovate marginate hispidulous-margined lamina. Leaf 1.5–2.4 cm. long, up to 8.5 mm. wide, coriaceous, elliptical, abruptly contracted near the end, forming a rostrate tip which is tridentate at the apex. Peduncle about 2.8 cm. long, about twice longer than the leaf, terminating in a short loosely few-flowered somewhat flexuose raceme. Bracts of the raceme tubular, smooth. Ovary conspicuously 6-winged. Lateral sepals 1.6 cm. long, forming a lanceolate bifid 6-nerved lamina which is about 6 mm. wide at the base; free portion of each sepal 8 mm. long, 2 mm. wide at base, oblong, the interior margin — below the apex — protuberant, apex itself shortly caudate, the abbreviated tail about 1 mm. long. Dorsal sepal 1.3 cm. long, about 4 mm. wide, ovate-lanceolate, strongly concave, prolonged into a slender caudate tip. Petals transversely linear-oblong, apiculate, about 5 mm. wide, scarcely 1 mm. long, appressed to the sides of the column, the posterior portion longer and broader than the anterior. Labellum trilobed; lateral lobes 2 mm. long, about .5 mm. wide, unguiculate from about the middle, narrowly elliptical, the basal portion obliquely spreading and prolonged behind the column, the anterior portion inclined obliquely inward in front of the column; middle lobe an inconspicuous filiform densely glandulose appendage, thickened at the tip. Column 2 mm. long, dilated upward.

It differs from *Lepanthes Chameleon* Ames in having eciliate sepals. *L. horrida* Reichb. f. is a close ally of *L. rostrata*, but differs conspicuously in having all of the sepals caudate, a dissimilar labellum and hispidulous petals.

COSTA RICA, Cascajal, C. H. Lankester 59. Flowers large on long peduncles, semi-transparent, stained with red. 5500 feet altitude. (TYPE in Herb. Kew.)