

Lepanthes cascajalensis Ames sp. nov. Radices fibratae, elongatae. Caules secundarii caespitosi, vaginis glabris vestiti, monophylli. Vaginae arcte amplectentes, ostio dilatatae, ovatae, acuminatae, marginatae. Folium elliptico-lanceolatum, valde acuminatum, in sicco purpureo-tinctum, coriaceum, apice tridentatum. Pedunculus cum racemo folio brevior. Flores succedanei. Sepala lateralia usque ad medium cohaerentia, ovata, acuminata, acuta, extus carinata, binervia, glabra. Sepalum dorsale ovatum, acuminatum, acutum, trinervium. Petala transverse sub lanceolata, utrinque obtusa, post columnam attingentia, partibus anterioribus labellum aequantibus, trinervia. Labellum parvulum, bipartitum; lobis lateralibus anguste oblongo-ellipticis, obtusis, carnosus; lobo medio subobsoleto, glanduloso. Columna integra vel obscure lobata.

Roots fibrous, spreading, slender. Secondary stems 6-12 cm. long, concealed by ten to eleven glabrous sheaths, monophyllous. Sheaths closely appressed, dilated at the apex into an ovate acuminate marginate lamina. Leaf 2.5-5 cm. long, 8-13 mm. wide, when dry more or less tinged with purple, elliptic-lanceolate, acuminate, rather suddenly contracted near the acuminate tridentate tip. Peduncle with the raceme 2 cm. or more long, very slender. Flowers large, opening in succession. Lateral sepals 6 mm. long, 2-nerved, united almost to the middle, ovate, acuminate, acute, with four external carinae, membranaceous, fused portion 6 mm. wide, free portion of each sepal 3.5 mm. wide, triangular, 4 mm. long from the tip to the point of fusion. Dorsal sepal 6.5 mm. long, 3.5 mm. wide, triangular-ovate, abruptly acuminate, acute, 3-nerved. Petals 3-nerved, overlapping behind the column, transversely asymmetrically lanceolate, 4.5-5 mm. wide; posterior lobe 3 mm. long, 2 mm. wide, round-obtuse; anterior lobe 2 mm. long, 1 mm. wide, tapering gradually to the obtuse tip. Labellum 2 mm. long, conspicuously 2-lobed; lateral lobes hardly 1 mm. wide, parallel, narrowly oblong-elliptical, obtuse, unguiculate from the middle; middle lobe much abbreviated, subobsolete, glandulose. Column 2 mm. long, entire or obscurely lobed at the summit.

Allied to *Lepanthes eciliata* Schltr., from which it differs in the smooth vegetative parts, in the larger flowers, and in the different petals and labellum.

COSTA RICA, Cascajal, C. H. Lankester K350. Sepals bronze-red; petals dull, deep rose. (TYPE in Herb. Kew.)