

Lepanthes tridens *Ames sp. nov.* Radices fibratae, graciles. Caules secundarii graciles, caespitosi, erecti vel ascendentes, vaginis tubulatis obtecti, monophylli. Vaginae stramineae, plus minusve decem, minute glandulosae, inter se satis distantes, apice in laminam lanceolatam acutam marginatam dilatatae. Folium anguste lanceolatum, elongatum, apice longe tridentatum, in sicco purpurascens. Pedunculi quam folium multo breviores. Racemus abbreviatus, usque ad octoflorus. Pedicelli distichi. Flores parvi, succedanei. Sepala lateralibus usque ad medium cohaerentia, margine ciliato-glandulosa, ovata, acuminata, binervia, laminam late ovatam bilobatam formantia, in textura valde membranacea. Sepalum dorsale late deltoideo-ovatum, usque ad apicem attenuatum, acutum, trinervium. Petala bilobata, lobo superiore elliptico obtuso, lobo anteriore triangulari-falcato subacuto incurvo. Labellum trilobatum, incrassatum; lobis lateralibus late unguiculatis, anguste ellipticis, utrinque obtusis; lobo medio abbreviato triangulo-apiculato, margine glanduloso. Discus glaber. Columna usque ad apicem dilatata, apice bilobata. Pollinia duo, anguste pyriformia.

Epiphytic herb with slender fibrous roots. Secondary stems 3-5 cm. long, slender, concealed by about ten elongated closely appressed cylindrical sheaths which are inconspicuously muriculate, monophyllous. Sheaths about 5 mm. long, dilated at the tip into a lanceolate marginate lamina which is minutely muriculate. Leaf up to 4.5 cm. long, 4.5 mm. wide below the middle, narrowly lanceolate, acuminate, tridentate at the tip, the middle tooth exceeding 1 mm. in length, the lateral ones a little shorter, purplish suffused with green in dried specimens. Peduncles fasciculate, shorter than the leaf, with the raceme about 11 mm. long, slender. Raceme flexuose, about 5 mm. long. Pedicels persistent, distichous. Flowers opening in succession. Lateral sepals 3.5 mm. long, united to about the middle to form a broadly ovate bilobed lamina which is 4 mm. wide where it joins the dorsal sepal, outer margins glandular-ciliate, inner margins glabrous; free portion of each sepal triangular, acute, 1.5 mm. wide at the point of union, 1 mm. long, the tips incurved, convergent. Dorsal sepal 3.5 mm. long, 4 mm. wide, deltoid-ovate, acuminate, subacute, 3-nerved, like the lateral sepals hyaline and membranaceous. Petals 2.5 mm. wide, hardly 1 mm. long from the point of insertion to the tip, transversely bilobed, with the posterior lobe of one petal overlapping the posterior lobe of the other behind the column; anterior lobe much narrower than the posterior one, triangular-falcate, subobtusate, the tip incurved. Labellum 3-lobed; lateral lobes unguiculate, elliptical, about 1 n.m. long; middle lobe triangular-apiculate, porrect, equaling the lateral lobes, glandular. Column about 1 mm. long, dilated upward, bilobed posteriorly at the summit. Pollinia two, narrowly pyriform.

Plant similar to *Lepanthes inaequalis* Schltr., but dissimilar to it in the long acuminate leaves and overlapping petals. The conspicuously tridentate leaves are characteristic, and in this peculiarity it also resembles *L. inaequalis* Schltr.

COSTA RICA, Cartago, road to La Estrella, C. H. Lankester & Alfredo Sancho 432, February 9, 1923. Stem and bracts dull straw-color, leaves dull, velvety, horn-green, trifid at the apex. Sepals yellowish, hyaline, other segments pruinose orange-purple. 1700 meters altitude. (TYPE in Herb. Ames No. 23747.)