

Lepanthes latisepala A. & S. *sp. nov.* Herba parvula, caespitosa. Caules filiformes, vaginis arctis hispidis tubularibus omnino inclusi. Folium ellipticum vel ovatum, valde coriaceum. Inflorescentiae saepissime singulae, folio subaequales. Sepala persimilia, latissime ovata, acuta. Petala transverse bilobata, in circuitu sigmoidea; lobo anteriore minore, falcato-incurvo. Labellum trilobatum; lobi laterales peltato-dolabriformes; lobus intermedius minutus, recurvus.

Plant small, caespitose, 2.8–7 cm. high to the tip of the erect leaf. Roots fibrous, filiform, flexuous, glabrous, longitudinally sulcate in the dried specimen. Stems 1–6.3 cm. long, very slender, composed of 2 to 8 internodes, entirely concealed by close tubular sheaths which are hispid on the longitudinal nerves and terminate in flaring infundibuliform long-mucronate hispid mouths. Leaf solitary, elliptic to ovate, indistinctly petioled, 1.35–2.6 cm. long, 4–10.6 mm. wide in the dried plant, minutely tridenticulate at the tip, cuneate at base, very coriaceous. Inflorescence commonly solitary, subequalling or shorter than the leaf, few- (up to 11) flowered at the apex. Floral bracts infundibuliform, glabrous, much shorter than the pedicellate ovary. Flowers small, membranaceous, broadly triangular when spread out. Sepals widely spreading, equally and deeply connate at base, acute. Lateral sepals very broadly ovate, 3.9 mm. long, 3–3.9 mm. wide near the base, oblique, 2-nerved (with sometimes a third inconspicuous nerve), nerves carinate on the outer surface. Dorsal sepal very similar, 3–3.5 mm. long, 3–3.8 mm. wide near the base, 3-nerved. Petals transversely bilobed, sigmoid in outline, .8–.9 mm. long in the center, about 2.2 mm. wide between the tips; posterior lobe obliquely quadrilateral, spreading, obtuse or acute; anterior lobe smaller, falcate-lanceolate, incurved, obtuse. Labellum 3-lobed, subequalling the column; lateral lobes peltate-dolabriform, incurved, 1.6–1.9 mm. wide along the outer margins, apices minutely pubescent; middle lobe minute, lanceolate, recurved. Column dilated above and below; rostellum caudate. Pollinia 2, pyriform-ellipsoid.

Lepanthes latisepala has been described from dried specimens. It appears to be allied to *L. Wercklei* Schltr., but it is a much smaller plant with a differently shaped leaf. The sepals and petals are also different.

COSTA RICA (Hab. ?), *H. E. Stork s. n.*, 1928. (TYPE in Herb. Ames No. 35586.)