

Lepanthes inaequiloba A. & S. *sp. nov.* Herba epiphytica, caespitosa. Caules pluriarticulati, vaginis subglabris atris omnino obtecti. Folium singulum, ellipticum, erectum. Inflorescentiae saepissime singulae vel duae, in apice densiflorae. Sepala lateralia ovata, obliqua, per dimidium basale connata. Petala transversa, inaequilobata, lobo anteriore minuto. Labellum trilobatum, columna conspicue brevius; lobi laterales late dolabriformes; lobus intermedius minutus, deciduus.

Plant variable in size, 2.5–12 cm. tall to the tip of the erect leaf, epiphytic, caespitose. Roots fibrous, filiform, flexuous, glabrous. Stems 1.2–8.3 cm. high, consisting of 4–7 internodes, entirely concealed by dark sheaths which are very minutely scabrous on the longitudinal nerves with inconspicuous erect hispid mouths. Leaf solitary, elliptic or ovate-elliptic, up to 4.4 cm. long and 1.92 cm. wide, subacute with a bluntly tridentate tip, cuneate-narrowed to a very shortly petioled base, coriaceous, light green. Inflorescences commonly 1–2 (occasionally 4 or 5 peduncles are present), about one-half to three-quarters the length of the erect leaf, filiform, densely few- to many-flowered at the apex. Floral bracts shallowly infundibuliform, pubescent on the outer surface. Flowers small, membranaceous. Lateral sepals obliquely ovate or lanceolate-ovate, lower half connate, up to 4.9 mm. long and 2.5 mm. wide at base of free portion, acute or acuminate with more or less outcurving tips, 2-nerved, the longer inner nerve dorsally carinate. Dorsal sepal ovate or lanceolate-ovate, up to 4.9 mm. long and 3.1 mm. wide, acute, 3-nerved with the mid-nerve prominently carinate on the outer surface. Petals transversely lanceolate in outline, 2-lobed; posterior lobe relatively large, falcate-lanceolate or oblong, about 3.4 mm. long or less, broadly obtuse, more or less round-dilated at base on the inner margin; anterior lobe minute, triangular or ovate, more or less falcate, up to 1 mm. long. Labellum 3-lobed, shorter than the column; lateral lobes relatively large, broadly dolabriform with the curving sides peltate, 1.9 mm. wide or less measuring along the side, apex incurved; middle lobe minute, fugacious. Column slender, up to 2.6 mm. long, slightly dilated at the tip. Pollinia slender-pyriform, somewhat complanate.

This description was prepared from a series of dried specimens.

Lepanthes inaequiloba bears a general resemblance to *L. Turrialvae* Reichb. f., but it has very different petals from that species. It is apparently closely allied to *L. Barbae* Schltr., but it differs in having ovate instead of lanceolate sepals, dissimilar petals and longer column. The specific name is in reference to the very unequal lobes of the petals.

COSTA RICA, Province of San José, Laguna de la Chonta, Northeast of Santa Maria de Dota, *Paul C. Standley 42304*, December 18, 1925. 2000–2100 meters altitude. "On tree; flowers pale yellow-green; lip yellow." (TYPE in Herb. Ames No. 33488); *Standley 42312*. "Flowers pale greenish yellow; lip yellow"; *Standley 42318*. "In wet forest; flowers pale greenish yellow; lip yellowish white with dark red spot"; *Standley 42591*. "Sepals pale reddish yellow; lip red-purple": Near Finca La Cima, above Los Lotes, North of El Copey, *Standley 42678*, December 21–22, 1925. 2100–2400 meters altitude. "On oak tree; flowers greenish yellow with dark red center; leaves purple beneath."