

***Lepanthes decipiens* A. & S. sp. nov.** Herba pusilla, caespitosa. Caules filiformes, pauciarticulati, vaginarum ostiis patentibus hispidis. Folium ellipticum. Inflorescentiae singulae vel duae, folii dimidium aequantes, dense racemosae. Sepala lateralia oblique ovata, semiconnata. Sepalum dorsale elliptico-ovatum. Petala obverse reniformia, lobis subaequalibus. Labellum trilobatum; lobi laterales obovato-oblongi, comparate conspicui; lobus intermedius minutus, saccatus.

Plant epiphytic, caespitose, small, up to 4.3 cm. tall. Roots fibrous, filiform, flexuous, glabrous. Stems filiform, up to 3 cm. long, composed of 5-6 internodes, tightly enclosed in minutely scabrous sheaths which flare into prominent hispid infundibuliform mouths. Leaf solitary, elliptic, up to 14 mm. long, 5-7 mm. wide, obtuse or subacute with a minutely tridenticulate apex, cuneate at base with a very short petiole, erect, chartaceous. Inflorescences 1-2, equaling about one-half the leaf, densely few-flowered. Flowers minute, membranaceous. Lateral sepals obliquely ovate, about 2.1 mm. long, very little over half connate, acute, 2-nerved, the inner nerve dorsally carinate. Dorsal sepal elliptic-ovate, about 3 mm. long, up to 1.75 mm. wide in the middle, acute, 3-nerved. Petals obversely reniform, 2-lobed, margins minutely cellular; posterior lobe obliquely ovate-oblong, about 1.6 mm. long, rounded at the apex; anterior lobe very similar. Labellum 3-lobed; lateral lobes obovate-oblong and incurved, about 1 mm. long, rounded at the apex, the inner basal half marked by an oblique pubescent keel, the pubescent outer surface with a longer oblique keel which gradually diminishes toward the apex; middle lobe minute, ovoid, deeply saccate, acute, densely pilose without. Column shorter than the side lobes of the labellum, dilated above, the rostellum 3-lobed. Pollinia complanate-pyriiform.

The description was prepared from dried specimens.

*Lepanthes decipiens* appears to be closely allied to the smaller forms of *L. Lindleyana* Reichb. f., but the flowers of our plant possess a very dissimilar lip and have almost equal petal-lobes which are merely minutely cellular-ciliolate.

The specific name is in allusion to the apparent similarity of this plant to *L. Lindleyana*.

COSTA RICA, Province of San José, Oak forest near Quebradillas, about 7 km. North of Santa Maria de Dota, Paul C. Standley 43070, December 24, 1925. About 1800 meters altitude. "On tree; flowers dark red-purple." (TYPE in Herb. Ames No. 33487.)