

Spiranthes ecallosa A. & S. *sp. nov.* Herba epiphytica, pusilla. Folia quattuor, basalia, elliptica, acuta. Caulis comparate brevis, vaginis pluribus ornatus. Racemus subdensus. Flores quaquaversi ut videtur, tubulares, erectopatentes. Sepala lateralia anguste lanceolata, acuminata. Sepalum dorsale lanceolatum, acuminatum. Petala sepalo dorsali adhaerentia, spathulato-lineararia. Labellum lanceolatum, tubulari-involutum, ecallosum, parte apicali obscure lobulata.

Plant small, 10.7 cm. tall. Roots tuberous, lanuginose. Leaves 4, forming a basal rosette; laminae erect-spreading, very unequal in size, elliptic, 2.5–5 cm. long, 1.2–1.8 cm. wide, sharply acute, gradually narrowed below to a short petiole. Stem shorter than the larger leaves, about 5.4 cm. long, mostly concealed by 4 tubular scarious sheaths, shortly pubescent near the inflorescence. Raceme subdensely many-flowered, 5.35 cm. long. Rachis, ovaries and base of flower shortly pubescent. Floral bracts lanceolate, up to 1.2 cm. long, acuminate, scarious. Lateral sepals narrowly lanceolate, 6–6.5 mm. long, nearly 2 mm. wide at the oblique base, acuminate, 1-nerved. Dorsal sepal lanceolate, 5.8–6 mm. long, about 1.8 mm. wide in the middle, acuminate, 1-nerved. Petals adherent to the dorsal sepal and shorter than it, linear-spatulate, 5 mm. long, up to 1 mm. wide above the middle, subacute, very oblique above, 1-nerved. Labelum lanceolate, 5.5–6 mm. long, 2 mm. wide near the middle, sessile and ecallose at base; lower portion oblong, dilated into the ovate central part; anterior portion oblong-ovate, abruptly acute or obtuse, obscurely and unevenly lobulate. Disc 5-nerved near the base, prominently 1-nerved near the apex. Column cylindrical, glabrous, about 3.8 mm. long.

Spiranthes ecallosa is very similar to *S. costaricensis* Reichb. f., but the lip lacks the conspicuous basal calli of that species.

The description was made from a single dried plant.

COSTA RICA, Province of Guanacaste, La Tejona, North of Tilarán, *Paul C. Standley & Juvenal Valerio* 45978, January 25, 1926. 600–700 meters altitude. "On tree; flowers green." (TYPE in Herb. Ames No. 33215.)