

***Epidendrum dolabrilobum* A. & S. sp. nov.** Herba epiphytica. Caules foliosi, omnino vaginis inclusi. Folia lorata, obtusa, disticha. Inflorescentiae paniculatae, ramis brevibus. Flores pro sectione parvi. Sepala lateralia obliquissime lanceolato-obovata, concava, complicato-mucronata. Sepalum dorsale oblongo-obovatum, concavum. Petala cuneato-spathulata, marginibus superioribus erosis. Labellum trilobatum; lobis lateralibus dolabriformibus, dentatis; lobo medio cuneato-quadrato, bilobato.

Plant epiphytic, myrmecophilous, up to 60.4 cm. tall (lower portion missing). Stems somewhat swollen below, entirely concealed by striate-nervose leaf-sheaths, plurisulcate when dry, up to 7.5 mm. in diameter below. Leaves lorate, 10.1–15.3 cm. long, about 1.25 cm. wide, obtuse at the apex, abruptly narrowed at the base, distichous, 2.2–4.3 cm. apart, thinly coriaceous, many-nerved with the mid-nerve sulcate above and prominently carinate beneath. Peduncle below the raceme conspicuous, up to 28.1 cm. long, entirely concealed by closely imbricating scarious nervose sheaths or in part by the fibrous remains of sheaths. Inflorescence paniculate, about 11.1–12.5 cm. long; the branches short, densely flowered, ascending, 1.5–3 cm. long, 1.5–3 cm. apart, distichously arranged, often bifurcate near the base.

Flowers small for the section. Pedicellate ovaries 1.6–3 cm. long, finely short-pubescent; ovaries 4-angled. Sepals densely and inconspicuously short-pubescent on the outer surface. Lateral sepals lanceolate-obovate, very oblique, about 7.1 mm. long, 3 mm. wide across the expanded upper part, abruptly complicate-mucronate, with a high conspicuous dorsal keel, obliquely inserted at the base, concave, 4-nerved. Dorsal sepal oblong-obovate, slightly shorter and narrower than the laterals, obtuse or acutish, provided with a low keel, 3-nerved, concave. Petals cuneate-spatulate, 6.1 mm. long, about 2 mm. wide above, acute, 3-nerved, the upper margins irregularly erose-denticulate. Labellum adnate to the column to its apex, sharply 3-lobed; lamina reniform in outline, about 1.1 cm. wide, 3 mm. long to the deeply retuse centre of the middle lobe, bicallose at base with an intermediate keel which is broad at its base, gradually narrowed and extended nearly to the apex of the middle lobe; lateral lobes spreading, dolabriform, irregularly dentate at the broadly rounded apex; middle lobe smaller, cuneate-quadrato, bilobed, apiculate, the lobules irregularly lacerate-dentate at the apex. Column stout, dilated above, about 4.2 mm. long, characteristic of the genus; clinandrium entire.

*Epidendrum dolabrilobum* is related to *E. radicans* Lindl., but the flowers are much smaller. The leaves are like those of *E. imatophyllum* Lindl.

COSTA RICA, Las Concavas, C. H. Lankester 769, February 27, 1924. "A common sp. of the region, growing chiefly on Inga, strongly myrmecophilous, bulbs swollen at base—flowers cream fading yellow." (TYPE in Herb. Ames No. 28295.)