

Epidendrum bilobatum *Ames sp. nov.* Rhizoma validum, radicans, repens. Caules inter se distantes, oblique erecti, juniores vaginis laxis vestiti. Folia disticha, ligulata, apice obscure bilobata. Inflorescentia terminalis, pauciflora. Bracteae inflorescentiae conduplicatae, explanatae ovatae. Flores flavescentes. Sepala inaequaliter elliptica, concava, extus prope medium valde carinata, carina prope apicem sepalorum denticulata. Sepalum dorsale anguste ellipticum, acutum, concavum, nervis prominentibus integris. Petala late spatulata. Labellum valde cochleatum, basi cordatum, apice profunde bilobatum. Discus nervis plus minusve prominentibus, nervo medio infra apicem columnae incrassato. Columna brevis labello adnata.

Rhizome stout, creeping, with coarse whitish roots. Stems 20–30 cm. long to the base of the terminal peduncle, 4–4.5 cm. apart on the rhizome, erect, about 4 mm. in diameter near the base, terete below, somewhat complanate above, leafy. Leaves 11–12.5 cm. long, 1.4–2 cm. wide, ligulate, bilobed at the obtuse tip, jointed to elongated sheaths, distichous. Peduncle with the raceme about 1 dm. long, few-flowered. Rachis of the raceme 8 cm. long, somewhat zigzag. Bracts of the raceme 1.5–1.9 cm. long, distichous, 1–2.5 cm. apart, rigid, conduplicate, ovate when spread out. Pedicel with the ovary somewhat rugose. Lateral sepals about 12 mm. long, elliptical, acute, strongly concave, deeply keeled on the outer surface near the middle, the keel denticulate near the apex. Dorsal sepal about 1.4 cm. long, hardly 6 mm. wide, narrowly elliptical, acute, prominently nerved. Petals 11 mm. long, 4 mm. wide above the middle, broadly spatulate, obtuse, prominently nerved. Labellum including the adnate column 1.5 cm. long, 1.5 cm. wide, deeply concave, cochleate, deeply bilobed in front, strongly cordate at the base. Nerves of the disc prominent, the middle one thickened near the base beneath the column. Column 7 mm. long, stout, dilated upward.

A close ally of *Epidendrum coriifolium* Lindl., from which it is easily separable by means of its very dissimilar labellum. In the distant flowers similar to *E. santacolarensis* Ames.

COSTA RICA, Cachi, C. H. Lankester 509, August 5, 1923. Flowers pale apple green (yellowish). 4000 feet altitude. (TYPE in Herb. Ames No. 27247.)