

Epidendrum guanacastense A. & S. *sp. nov.* Herba epiphytica. Caules perlongi, arcuati, laxe ramosi. Folia angustissime linearia, in siccitate teretia et arcuata apparentia. Racemi terminales, perbreves, bi-vel triflori. Flores rigido-nervosi. Sepala lateralalia oblique oblongo-lanceolata. Sepalum dorsale lanceolato-ellipticum. Petala lineari-ob-lanceolata. Labellum columnae valde adnatum; lamina ovata, callo basali tridentato ornata.

Plant epiphytic, with stems (according to collectors' notes) 2-3 feet long. Roots confined to the basal part of the stem, stout, fibrous, flexuous, glabrous. Stems apparently strongly arcuate, loosely branching, entirely concealed by imbricating tubular sheaths of which the lower and those among the scattering roots are represented by fibrous remains and the others are leaf-bearing. Leaves very narrowly linear, appearing terete in the dried plant due to the conduplicate sides, up to 12 cm. long and 6 mm. wide at the sessile base, complicate-acute at the apex, commonly recurved in the dried specimen. Racemes terminal, very short, loosely 2- to 3-flowered, up to 1.7 cm. long, base concealed by imbricating sheaths; rachis fractiflex. Floral bracts conspicuous, round-ovate, clasping and slightly surpassing the immature ovary, tubular-involute in the dried plant. Perianth parts rigid-nervose, spreading. Lateral sepals obliquely oblong-lanceolate, 8.7-9.1 mm. long, 3-3.3 mm. wide below the middle, acute, with a high keel near the apex on the outer surface. Dorsal sepal elliptic-lanceolate, 8-8.4 mm. long, 2.8-3 mm. wide, obtuse, ecarinate. Petals ob-lanceolate-linear, about 8.5 mm. long, subacute. Labellum adnate to the column nearly to the tip; lamina simple, ovate, with upcurved sides in natural position, strongly cordate at base, about 5.7 mm. long in the center, about 4.4 mm. wide near the base when spread out, obtuse or abruptly mucronate, margins somewhat repand, with a tridentate basal callus of which the lateral teeth are abbreviated and the middle division extends as a fleshy keel nearly to the apex. Column short and very stout, 4-5 mm. long at the concave back, very much dilated in front.

This description was prepared from dried specimens.

Epidendrum guanacastense recalls *E. isomerum* Schltr., but it has very dissimilar perianth parts. It is distinguished from *E. ramosissimum* A. & S. by its different flowers.

COSTA RICA, Province of Guanacaste, El Arenal, *Paul C. Standley & Juvenal Valerio* 45089, January 18-19, 1926. 485-600 meters altitude. "On tree; flowers greenish yellow." (TYPE in Herb. Ames No. 33499): Province of Guanacaste, La Tejona, North of Tilarán, *Standley & Valerio* 46041, January 25, 1926. 600-700 meters altitude. "On tree." (Flowers passé; leaves sometimes exceeding 13 cm. long.)