

***Lacaena nicaraguensis* L. Wms. sp., nov.**

Planta epiphytica usque ad 35 cm. alta; pseudobulbi trifoliati, ovoidei, sulcati; inflorescentia pendula, racemosa, 18–23-flora; folia elliptica, acuta vel acuminata; sepala late elliptica vel oblongo-elliptica, acuta, cucullata, carnosae; petala oblongo-ovata, obtusa; labellum trilobatum, lobi laterales obovati, erecti; lobus terminalis unguiculatus, quadrato-ovatus.

Large epiphytic plants to 35 cm. tall with a long pendant inflorescence to 50 cm. long. Pseudobulbs laterally compressed, ovoid, sulcate and ribbed, trifoliolate at the apex, to about 7 cm. long and 4.5 cm. broad near the base; leaves 3 from apex of pseudobulb, elliptic, the inner one narrowest, acute or acuminate, many nerved but with 3 principal nerves, 25–30 cm. long and 4–5.5 cm. broad; inflorescence lateral, pendant, racemose, with 18–23 flowers, lower bracts enfolding the rachis, fertile bracts elliptic-lanceolate, acute or acuminate, cucullate, 1.5–2.5 cm. long; flowers white, the sepals pale lavender near the apices, the petals pale lavender along the nerves and with red, scurfy dots near the base, callus with minute red dots; sepals broadly elliptic or oblong-elliptic, acute, many-nerved, somewhat cucullate and fleshy, 2.3–3 cm. long and about 1–1.5 cm. broad; petals oblong-ovate, obtuse, connate at the base with the column, about 2 cm. long and 1 cm. broad; lip 3-lobed, fleshy, somewhat truncate at the narrow base and obscurely auriculate on either side, articulate, about 2–2.5 cm. long and to about 1 cm. broad, the disc with a prominent puberulent callus extending from near the base to the isthmus, free at the apex and somewhat retuse, bulbous at apex, lateral lobes of lip somewhat obovate, rounded, erect and surrounding the callus, mid-lobe unguiculate, the blade broadly quadrate-ovate, about 10 mm. long and nearly as broad, the claw narrow, somewhat canaliculate below, puberulent, 3–4.5 mm. long, column somewhat arcuate, prominently winged toward the apex, about 2 cm. long; anther bidentate in front; pollinia 2, about 2.5 mm. long and on an oblong caudicle about 4 mm. long.

NICARAGUA: from near the base of Peña Blanca, Cordillera Central de Nicaragua, alt. 3500 feet, May 1962, *Heller 7312* (type in Chicago Natural History Museum).

Closely related to *Lacaena bicolor* Lindl., illustrated in Bot. Reg. 30: t. 50. 1844, from which it is easily distinguished by detail of the flowers—the puberulent callus of the disc, the long slender claw of the mid-lobe, the rounded mid-lobe.