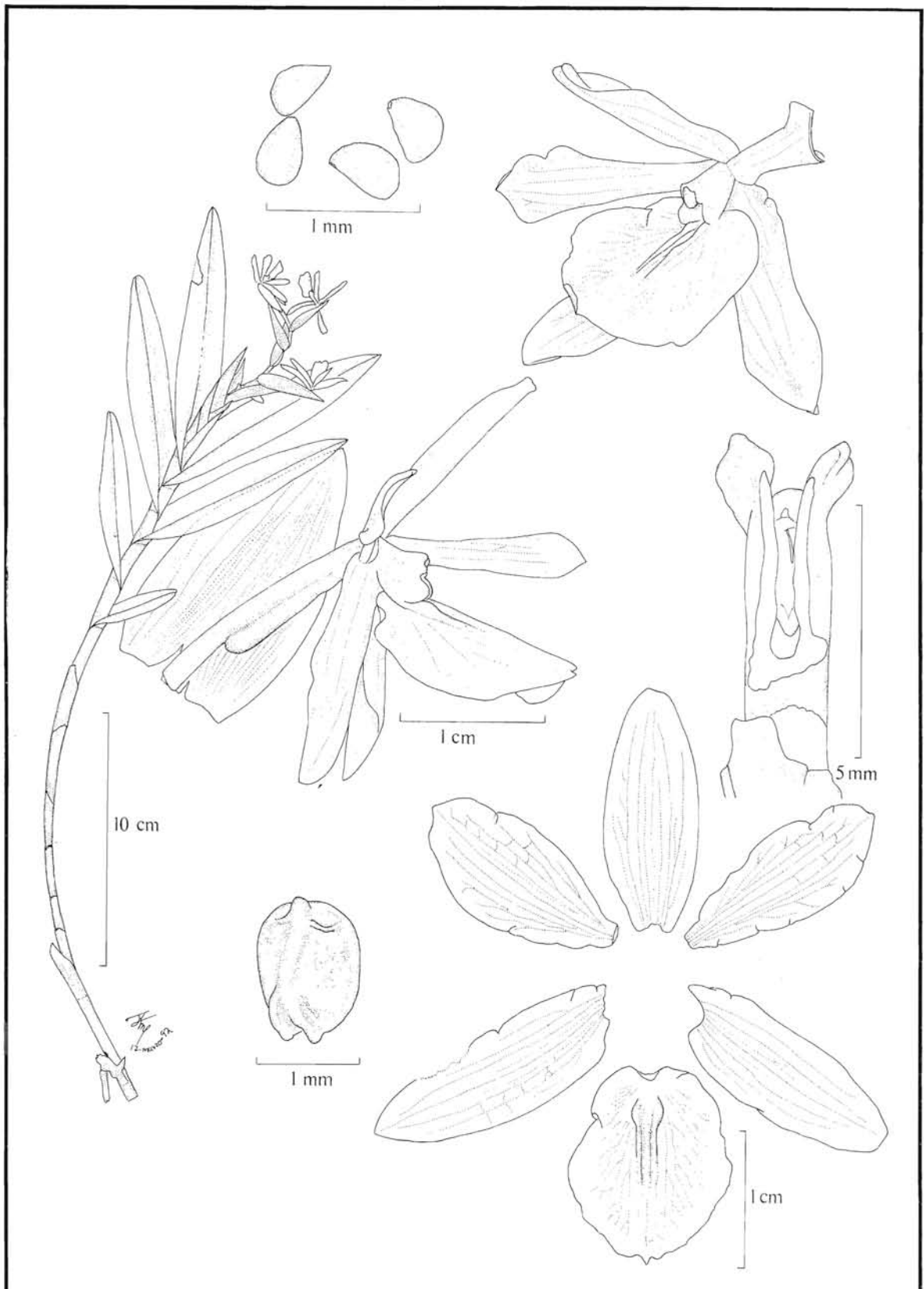




EPIDENDRUM BUGABENSE Hågsater

Text on the reverse side

EPIDENDRUM BUGABENSE Hágsater, *sp. nov.*

Holotype: PANAMA: Chiriquí: Distrito Bugaba, Cerro Punta, 8°52'N, 82°33'W, 2200 m, along ridge to watershed to Bocas del Toro, 26 January 1985, *H. van der Werff & J. Herrera 6427*, AMO! (illustration voucher.) Isotype: MO!

Epidendro polychlamydi Schltr. simile, sed differt foliis longioribus angustioribusque, racemo laxo, floribus paucioribus, et petalis rotundatis.

Hierba epífita, rastrera, de crecimiento sucesivo lateral. Raíces carnosas producidas en la base de cada tallo, ca. 2 mm de grosor. Tallos producidos de un nudo intermedio del tallo anterior, 17-30 cm de largo, 4.5-7 mm de grosor arriba, cubiertos en la mitad basal por vainas escariosas. Hojas ca. 6, distribuidas en el tercio apical del tallo; vainas tubulares, lateralmente comprimidas, estriadas en material seco, 18-35 mm de largo; láminas angostamente lanceolado-elípticas, ápice bilobado, margen entero, sulcadas, progresivamente más grandes hacia el ápice del tallo, 3.5-12 x 0.9-2.1 cm. Inflorescencia terminal en el tallo maduro, florece una sola vez, racemosa, ca. 10 cm de largo, envuelta en la base por 6 brácteas imbricadas, agudas, de ca. 3 cm de largo; raquis delgado, 8-9 mm de largo entre dos flores contiguas. Brácteas florales ovadas, agudas, conduplicadas, cubriendo el ovario e igual o un poco más largas que él, 15-33 x 9-15 mm al extenderse. Flores 4, simultáneas, sin orientación particular, "rojas". Ovario inflado, formando una vesícula ventral alargada en los 2/3 apicales, 15-22 mm de largo. Sépalos elípticos, redondeados, los laterales algo falcados, ca. 7-9 nervados, las nervaduras algo ramificadas, 14-18 x 6 mm. Pétalos obovados, redondeados, ca. 5-nervados en la base, nervaduras ramificadas, 13-16 x 8 mm. Labelo unido a la columna, entero, obovado-suborbicular, bicalloso en la base, los callos laminares, poco prominentes, disco con 3 quillas, ápice redondeado, apiculado, 13 x 12 mm. Columna corta, deflexa en la base, 5 mm de largo, el ápice con un par de lóbulos apicales prominentes, redondeados, divergentes, anchos. Clinandrio carnoso, margen eroso, cubriendo parcialmente la antera. Antera ovoide, con una quilla roma al frente bifurcada hacia el ápice. Polinios obovoides, lateralmente comprimidos; caudículas aparentemente granuladas y muy cortas. Rostelo subapical, hendido. Nectario penetrando 2/3 del ovario y formando una vesícula ventral alargada. Cápsula no vista.

Epiphytic, repent herb. Stems produced from an intermediate node of the previous stem. Leaves narrowly lanceolate-elliptic, apex bilobed, progressively larger towards the apex of the stem. Inflorescence terminal, from the mature stem, flowers only once, racemose, with 6 imbricating bracts at the base. Ovary with a swollen, elongate ventral vesicle on the apical two thirds. Flowers simultaneous, without any particular orientation, "red". Sepals elliptic, rounded, ca. 7-9 veined, veins branching. Petals obovate, rounded, ca. 5-veined, veins branching. Lip entire, obovate-suborbicular, rounded, apiculate, shallowly bicallose at the base, 3-carinate. Column deflexed at the base, with two prominent, rounded, divergent lateral-apical lobes. Clinandrium fleshy, margin erose, partially covering the anther. Anther ovoid, with a front keel bifurcate towards the apex. Pollinia 4, obovoid, laterally compressed; caudicles apparently granulate and very short. Rostellum subapical, slit. Nectary penetrating 2/3 of the ovary and forming an elongate vesicle on its underside.

DISTRIBUTION AND ECOLOGY: PANAMA: Known only from the type collection. On trees at 2200 m altitude. Flowering in January.

RECOGNITION: *Epidendrum bugabense* belongs to the *E. polychlamys* Schltr. group and can be identified by the lax inflorescence, the flowers spaced some 8-9 mm, the 13-16 mm long and 6 mm wide sepals, the broadly rounded petals (especially evident in pressed material), the lip nearly as wide as long, and the column bent downwards in relation to the ovary, and then turned somewhat upwards. It is closely related to *E. lutheri* Hágsater, which has narrower, acute segments and green flowers. *Epidendrum polychlamys* has shorter, wider leaves, more flowers (8-15) on a compact inflorescence, and acute sepals 13 mm long. *Epidendrum barbae* Rchb. f. has acute sepals and flabellate, emarginate lip. *Epidendrum cryptanthum* L.O. Williams has a compact, dense inflorescence and the lip ovate, cordate at the base, with the lateral margins involute.

CONSERVATION STATUS: Unknown.

ETYMOLOGY: The epithet refers to the district of Bugaba, Chiriquí, Panamá.



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