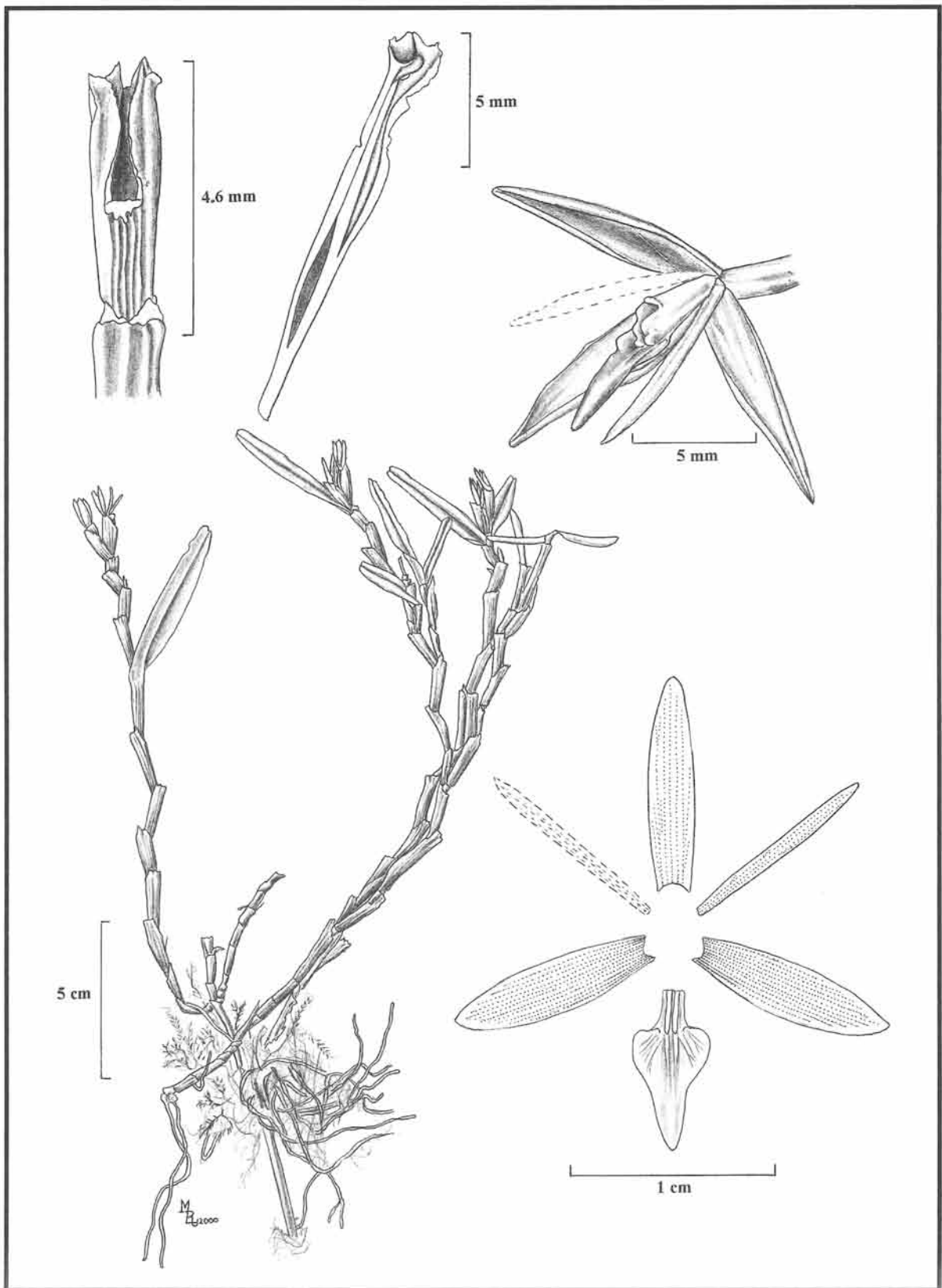




EPIDENDRUM CALAGRENSE Hágsater & Dodson
THE GENUS EPIDENDRUM PART 3

EPIENDRUM CALAGRENSE Hágsater et Dodson, *sp. nov*

Type: ECUADOR: Morona-Santiago: Road along Valle del Calagras between Limón and Gualaquiza, 1500 m, 17 May 1988, **Alex Hirtz 3780**. Holotype: MO! (illustration voucher).

Epidendro antillano Ackerman & Hágsater simile sed labello proportione longiore et angustiore bicalloso, petalis angustioribus trinervatis differt.

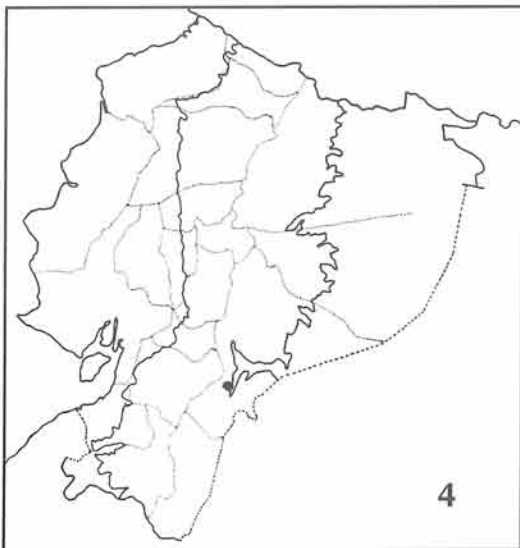
Herba epífita, rastrera a erecta, de 17-24 cm de alto. **Raíces** a lo largo de la sección rastrera de los tallos basales, delgadas, 0.5 mm de grosor. **Tallos** tipo caña, teretes en la base, lateralmente comprimidos arriba, flexuosos, ramificados en la mitad superior, el principal 15-19 x 0.14-0.19 cm; las ramificaciones 3.5-6.5 cm de largo. **Hojas** 2-7, distribuidas lo largo del tallo, alternas; vaina tubular, lateralmente aplanada, estriada y finamente rugosa, 8-23 x 3-3.6 mm; lámina angostamente, oblonga, ápice desigualmente bilobado, margen entero, lisa; las del tallo principal 5.4 x 0.8 cm, las de las ramas 2-4.6 x 0.5-0.6 cm. **Espata** ausente. **Inflorescencia** apical, distica, recta, florece una sola vez, 2.3-2.5 cm de largo; pedúnculo corto, 3 mm de largo. **Brácteas florales** ligeramente más largas que el ovario, parcialmente imbricadas, conduplicadas, ovadas al extenderse, obtusas, 12-13 mm de largo. **Flores** 2, simultáneas, color verde, sin datos de fragancia. **Ovario** terete, liso, ligeramente inflado en el 1/3 apical, no ornamentado, 9-10 mm de largo. **Sépalos** entreabiertos, libres, angostamente elípticos, obtusos, glabros, margen entero, 9-nervados, las nervaduras ramificadas dando la apariencia de ser hasta 11 o 12 nervados, 9.5-10 x 2.3-2.8 mm. **Pétalos** libres, lineares, obtusos, margen entero, 3-nervado, 9 x 0.76 mm. **Labelo** unido a la columna, cóncavo, entero, angostamente triangular, ligeramente angostado a la mitad, base truncada, agudo, margen entero, 6.1 x 3.8 mm; bicalloso, los callos alargados, laminares, de un poco más de 1/4 del largo de la lámina, desprovisto de carinas. **Columna** recta, 5 mm de largo. **Clinandrio** prominente, en forma de embudo, corto, subentero. **Antera** no vista. **Polinios** no vistos. **Rostelo** apical, hendido. **Lóbulos laterales del estigma** pequeños, de un tercio de largo de la cavidad estigmática. **Nectario** penetrando 1/3 del ovario, algo inflado, no ornamentado. **Cápsula** no vista.

Epiphytic, branching, straggling to erect **herb**. **Roots** basal, thin. **Stems** cane-like, terete below, laterally compressed above, flexuous, branched above. **Leaves** distributed throughout the stems; sheaths tubular, laterally compressed, striated and rugose; blade oblong, apex unequally bilobed, those of the main stems somewhat larger than those of the branches. **Inflorescence** apical, distichous, straight, with a short peduncle. **Floral bracts** slightly longer than the ovary, slightly imbricating, conduplicate, ovate, obtuse. **Ovary** terete, inflated ventrally along the apical 1/3. **Flowers** 2, simultaneous, green. **Sepals** partly spreading, free, narrowly elliptic, obtuse, glabrous, margin entire, 9-veined, the veins branching so as to appear 11-12-veined. **Petals** linear, obtuse, margin entire, 3-veined. **Lip** entire, narrowly triangular, slightly narrowed in the middle, base truncate, acute, bicallose, calli laminar, parallel, low, little longer than 1/4 of the lip. **Column** straight. **Clinandrium** funnel-shaped, prominent, short, subentire. **Nectary** penetrating one third of the ovary, somewhat inflated.

OTHER SPECIMENS: None seen.

DISTRIBUTION AND ECOLOGY: Known only from the type, in the Valley of the Río Calagras, at 1500 m altitude, on the Amazon side of the Andes in southern Ecuador. Flowering in May.

RECOGNITION: *Epidendrum calagrense* Hágsater & Dodson belongs to the ramosum group, modestiflorum subgroup, recognized by the branching habit, distichous 2-flowered inflorescence and short, narrow leaves (less than 5 x 0.8 cm), the elongate, triangular lip which is narrowed at the middle and the narrow, linear petals. *Epidendrum paradisicum* Hágsater & García-Cruz has smaller flowers, the cordiform lip as wide as it is long, and the column short and thick, somewhat arched. *Epidendrum urichianum* Carnevali, Foldats & I. Ramírez has wider leaves, is 1-5 flowered and the lip cordiform-triangular with a truncate callus. In *Epidendrum antillanum* the lip is triangular, the callus terminates in 3 short keels and the petals are proportionately wider, 5-veined.



CONSERVATION STATUS: DD. Data deficient.

ETYMOLOGY: In reference to the Valley of Calagras, where the type was collected.

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