

EPIDENDRUM ANGUSTILOBOPANICULATUM Hågsäter & Dodson
 THE GENUS EPIDENDRUM PART 3

EPIDENDRUM ANGUSTILOBOPANICULATUM Hágsater et Dodson, *sp. nov.*

Type: ECUADOR: Carchi, Trail from Rafael Quindis mountain finca above Rio Verde, 0°52'N 78°8'W, 1600 m, 27 Nov. 1987, *W. S. Hoover & S. Wormley 1753*. Holotype: MO! (illustration voucher).

Epidendro peralto Schltr. simile sed floribus subtilibus magis tenuibus et minoribus, labello tetralobato, lobis elongatis angustis truncatis, lobis basalibus aliquot retrorsis structuram anchoriformem formantibus, lobulis apicalibus divaricatis differens.

Hierba epífita, de 64 cm de altura. Raíces basales, carnosas, delgadas, 0.6-1.5 mm de grosor. Tallos sencillos, tipo caña, teretes, erectos, de 41 x 0.26-0.41 cm. Hojas 8-9, alternas, distribuidas a lo largo de la mitad apical del tallo, lisas; vaina tubular, 1.8-3.7 cm de largo; lámina elíptica, acuminada, carinada dorsalmente, margen entero, lisa, 6.2-9.5 x 1.4-2.9 cm. Espata ausente. Inflorescencia apical, paniculada, florece una sola vez, 24 cm de largo; provista de 5 racimos, cada uno de ellos con una bráctea basal, triangular, acuminada, margen entero, 7-3.5 x 0.12-0.33 cm; pedúnculo corto, 2.1 cm de largo, desprovisto de brácteas. Bráctea floral mucho más corta que el ovario, triangular, aguda, 3-4 mm de largo. Flores ca. 60, simultáneas, resupinadas, muy delgadas, sin datos de color ni fragancia. Ovario terete, delgado, no ornamentado, 17-19 mm de largo. Sépalos reflexos, libres, angostamente oblanceolados, agudos, margen entero y extendido, 5-6 nervados, 10-10.5 x 0.17-2 mm; los laterales ligeramente falcados. Pétalos reflexos, libres, filiformes, obtusos, margen extendido y entero, 1-nervado, 10 x 0.25 mm. Labelo unido a la columna, cuatro lobado, truncado en la base, tan ancho entre los lóbulos laterales como entre los apicales, 5.1 x 9.2 mm; bicalloso, los callos alargados hasta cerca del istmo; disco provisto de 3 carinas agudas, las carinas laterales delgadas; los lóbulos basales formando una estructura ancoriforme, retrorsos, angostamente oblongo ovados, truncados, margen algo sinuoso, dos veces más largos que anchos, 3.8 x 2 mm; lóbulos apicales divaricados, angostamente rectangulares, truncados, margen apical irregular, 4.6 x 1.2 mm. Columna recta, delgada, con un par de dientes apicales ascendentes a cada lado, 7.3 mm de largo. Clinandrio reducido, entero. Antera obovoide, 4-locular. Polinios 4, tipo ala de pájaro, desiguales, los interiores menores. Rostelo apical, hendido. Lóbulos laterales del estigma pequeños. Nectario penetrando ¼ del ovario, no ornamentado. Cápsula no vista.

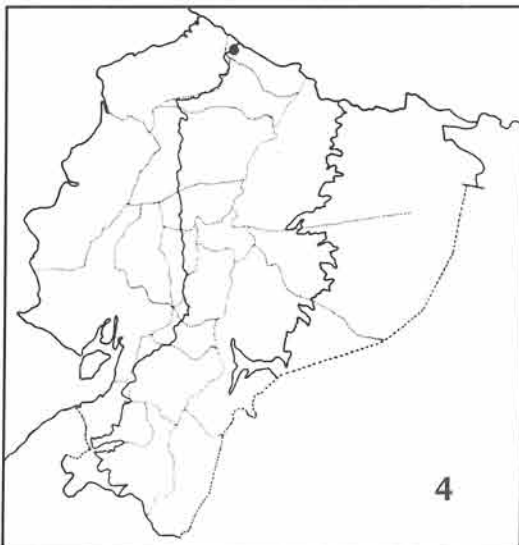
Epiphytic, caespitose herb. Roots thin. Stems cane-like, terete. Leaves elliptic, acuminate. Inflorescence apical, paniculate, erect, on a short peduncle. Flowers numerous, simultaneous, resupinate, very slender. Floral bracts much shorter than the ovary, triangular, acuminate. Ovary terete, slender. Sepals reflexed, free, narrowly oblanceolate, acute, 5-6-veined. Petals reflexed, filiform, obtuse, 1-veined. Lip united to the column, 4-lobed, equally wide across the lateral and the apical lobes; bicallose, the calli long, nearly reaching the isthmus, disc provided with 3 keels; lateral lobes form an anchor-shaped structure, retrorse, narrowly oblong-ovate, truncate, twice as long as wide; apical lobes divaricate, narrowly rectangular, truncate. Column straight, thin, with an ascending tooth on each side at the apex. Anther obovoid, 4-celled. Pollinia bird-wing type, unequal, the inside pair smaller. Rostellum apical, slit. Nectary penetrating one fourth of the ovary.

OTHER SPECIMENS: None seen.

DISTRIBUTION AND ECOLOGY: Known only from the type locality in north-western Ecuador, near the Colombian border, epiphytic, at 1600 m altitude. Flowering in November.

RECOGNITION: *Epidendrum angustilobopaniculatum* belongs to the *paniculatum* group and is recognized by the very slender, delicate flowers, the basal lobes of the lip forming an anchor-shaped structure, and the apical lobes divaricate and narrowly rectangular and truncate; there is no record of the color. It grows near *Epidendrum peraltum* Schltr. (found at higher altitude) which is very similar vegetatively but has much larger flowers, with wider and larger, retrorse, lateral lobes of the lip, the column 12 mm long and the sepals 14-19 mm long.

CONSERVATION STATUS: DD. Data Deficient.



ETYMOLOGY: From the Latin *anguste* narrow, *lobo* lobe, and *panicula* panicle, in reference to the characteristic narrow lobes of the lip of this species of the *paniculatum* group.

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