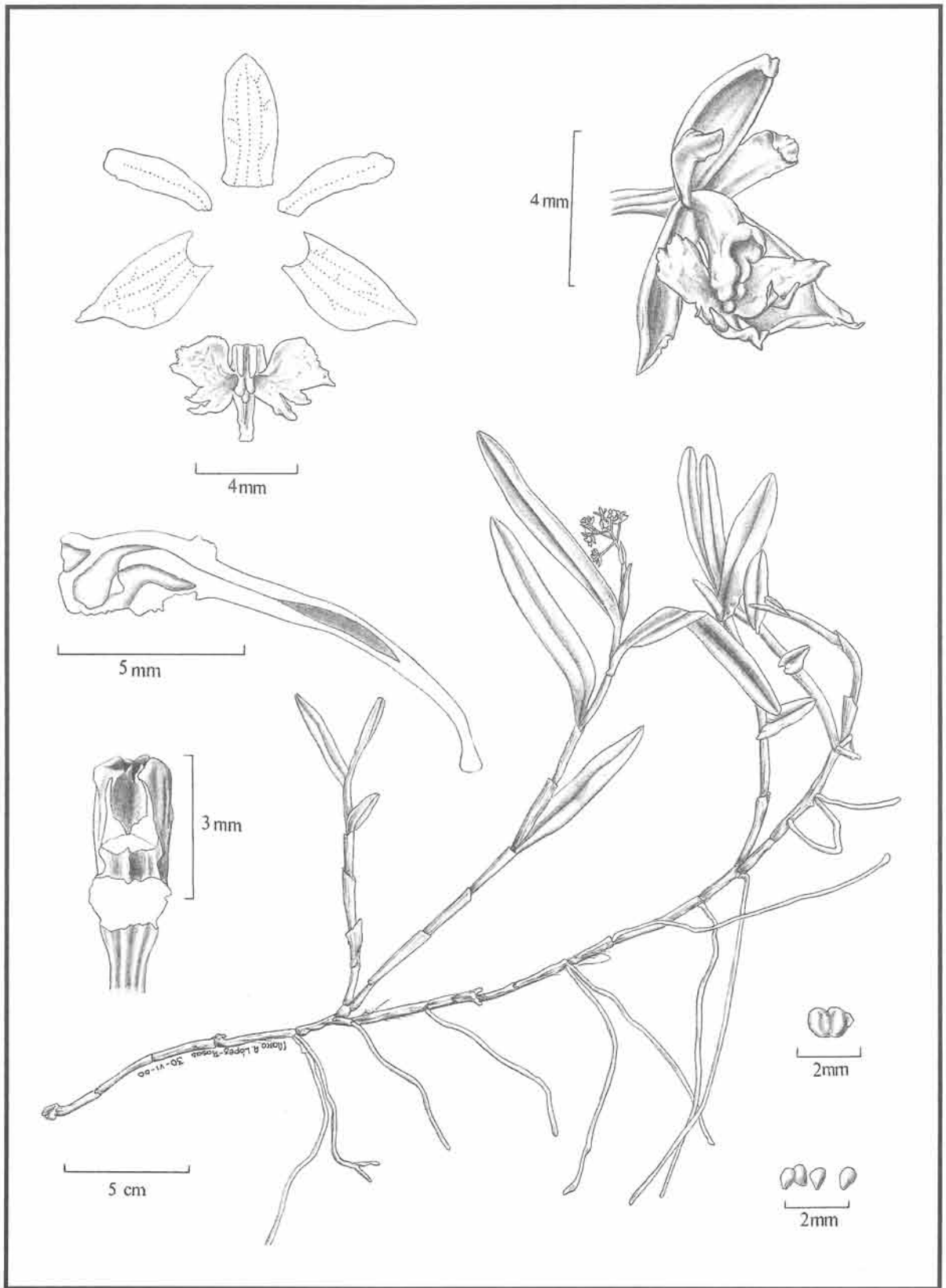




EPIDENDRUM BREVIVENIOIDES Hágsater & Dodson
THE GENUS EPIDENDRUM PART 3

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

Type: ECUADOR: Imbabura, Vía Mariano Acosta-Palmira-Tambo-Nueva América, "Tambo-Nueva América", 11800 a 10000 pies, 29 dic. 1979, **J. Jaramillo, F. Coello & F. Sarmiento 1630**. Holotype: QCNE! Isotypes: AAU! (illustration voucher), QCA! QCNE!

Epidendro brevivenio Lindl. simile sed foliis angustioribus, inflorescentia brevi 8-10-flora, labelli loborum lobis lateralibus latoribus et non divergentibus, clinandrio infudibuliformi carnosio discrepans.

Herba epífita, rastrera, 20-25 cm de alto. **Raíces** filiformes, producidas en el rizoma, 0.5-1.3 mm de grosor. **Tallos** producidos del tercer o cuarto entrenudo del tallo, de manera que aparecen separados por rizomas rastreros de 6-12 cm de largo; erectos, teretes, 9-32 x 0.15-0.25 cm. **Hojas** 4-5, distribuidas desde la parte media del tallo hacia el ápice; vaina tubular, estriada en seco, 2-3 x 0.2-0.3 cm; lámina angostamente elíptica oblonga, asimétricamente bilobada, 3-11 x 0.6-1.5 cm. **Espata** 1, tubular, lateralmente comprimida, aguda, de lados paralelos, 30 x 3 mm. **Inflorescencia** apical en el tallo maduro, racemosa, erecta, compacta, más corta que la hoja, 5.5 cm de largo; pedúnculo corto, 4 mm de largo, cubierto casi en su totalidad por la espata, con una bráctea cerca del raquis, más larga que las brácteas florales, triangular, aguda, 15 mm de largo. **Brácteas florales** linear triangulares, acuminadas, progresivamente más cortas, 4-10 mm de largo. **Ovario** no inflado, terete, no ornamentado, 9-11 mm de largo. **Flores** 8-10, simultáneas, resupinadas, sépalos y pétalos verde pálido, labelo blanco, columna verde, fragancia no registrada. **Sépalos** extendidos, libres, elípticos, carina dorsal prominente, 3-nervados, 5-6 x 2-2.6 mm; el dorsal redondeado, los laterales oblicuos, agudos. **Pétalos** extendidos, libres, inflexos, oblongos, redondeados, 1-nervados, 4.5-4.7 x 1.0-1.2 mm. **Labelo** unido a la columna, trilobado, a primera vista 7 lobado, 4-4.2 x 6-6.6 mm; tricalloso, los basales prominentes, el medio mas corto, subgloboso y prolongándose en una quilla baja; lóbulos laterales trilobados: la sección basal suborbicular, irregularmente crenulada y subaguda; las secciones siguientes ligeramente laceradas, subtriangulares, agudas; lóbulo medio subrectangular, truncado, entero. **Columna** corta, arqueada, 3.8-4 mm de largo. **Clinandrio** corto, en forma de embudo, entero, carnosio. **Antera** reniforme, 4 locular. **Polinios** 4, obovoides. **Rostelo** apical, hendido. **Lóbulos laterales del estigma** de 1/2 de la cavidad estigmática. **Nectario** sin penetrar al ovario, no ornamentado. **Cápsula** no vista.

Epiphytic, repent herb. **Stems** produced from the 3rd-4th internode of the previous stem, thus spaced along the repent rhizome, erect. **Leaves** narrowly elliptic-oblong, unequally bilobed. **Spathe** 1, tubular, laterally compressed, acute. **Inflorescence** apical, racemose, compact, with a bract near the apex of the peduncle. **Floral bracts** linear-triangular, acuminate. **Ovary** not inflated, terete, unornamented. **Flowers** 8-10, simultaneous, resupinate, sepals and petals pale green, lip white, column green. **Sepals** spreading, free, elliptic, with a prominent dorsal keel, 3-veined; dorsal rounded, the laterals oblique, acute. **Petals** spreading, free, inflexed, 1-veined. **Lip** united to the column, at first sight 7-lobed, 3-lobed; 3-callose, the basal calli prominent, the mid-callus short and subglobose, continued into a low keel; lateral lobes 3-parted, the basal part suborbicular, crenellate and subacute, the following parts lacerate, subtriangular, acute; midlobe subrectangular, truncate, entire. **Column** arched. **Clinandrium** short, funnel-shaped, entire, fleshy. **Anther** reniform. **Pollinia** 4, obovoid. **Rostellum** apical, slit. **Nectary** not surpassing the ovary, unornamented.

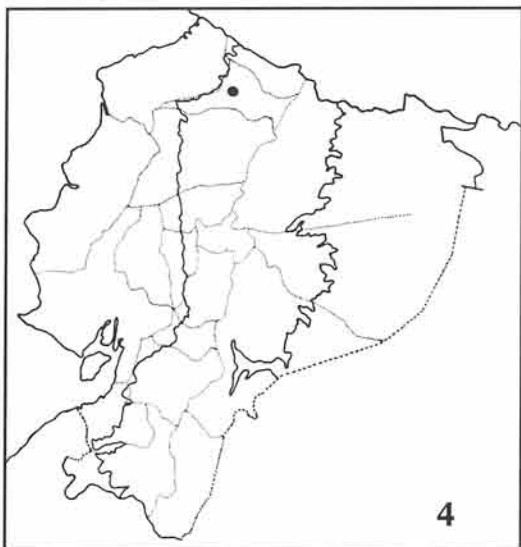
OTHER SPECIMENS: none seen.

DISTRIBUTION & ECOLOGY: Known only from Ecuador. Epiphytic, in high altitude wet forest, 3000-3900 m altitude. Flowering in December.

RECOGNITION: *Epidendrum brevivenioides* is a member of the brevivenium group, and can be recognized by the small inflorescence, peduncle with a tubular, acute spathe; 3-lobed lip appearing as 7-lobed due to the somewhat lacerate lateral lobes, the basal part suborbicular, crenulate and subacute, the following parts somewhat lacerate, subtriangular, rounded; midlobe subrectangular, truncate; 3 calli, the basal laminar, prominent, the central callus short, subglobose, with a low keel. Similar to *Epidendrum brevivenium* which has wider leaves, linear, acute petals, lateral lobes of the lip divided into filiform, divergent lobules. *Epidendrum guanacasense* Hágsater & Dodson has a more compact habit, shorter leaves, the lateral lobes of the lip with the margin sinuate, not deeply lacerate, clinandrium straight, not funnel-shaped. *Epidendrum spathulipetalum* Hágsater & Dressler has a similar lip, spathulate, erose petals, but belongs to the *Neowilliamsia* group and does not have any spathe.

CONSERVATION STATUS: DD: Data deficient.

ETYMOLOGY: In reference to the closely related species, *E. brevivenium*, and the ending -oides, indicating its similarity.



Authors: E. Hágsater & C. H. Dodson

Illustrator: M. López R.

Editors: E. Hágsater & L. Sánchez S.

Herbario AMO Apartado Postal 53-123, 11320 México, D.F., MÉXICO

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