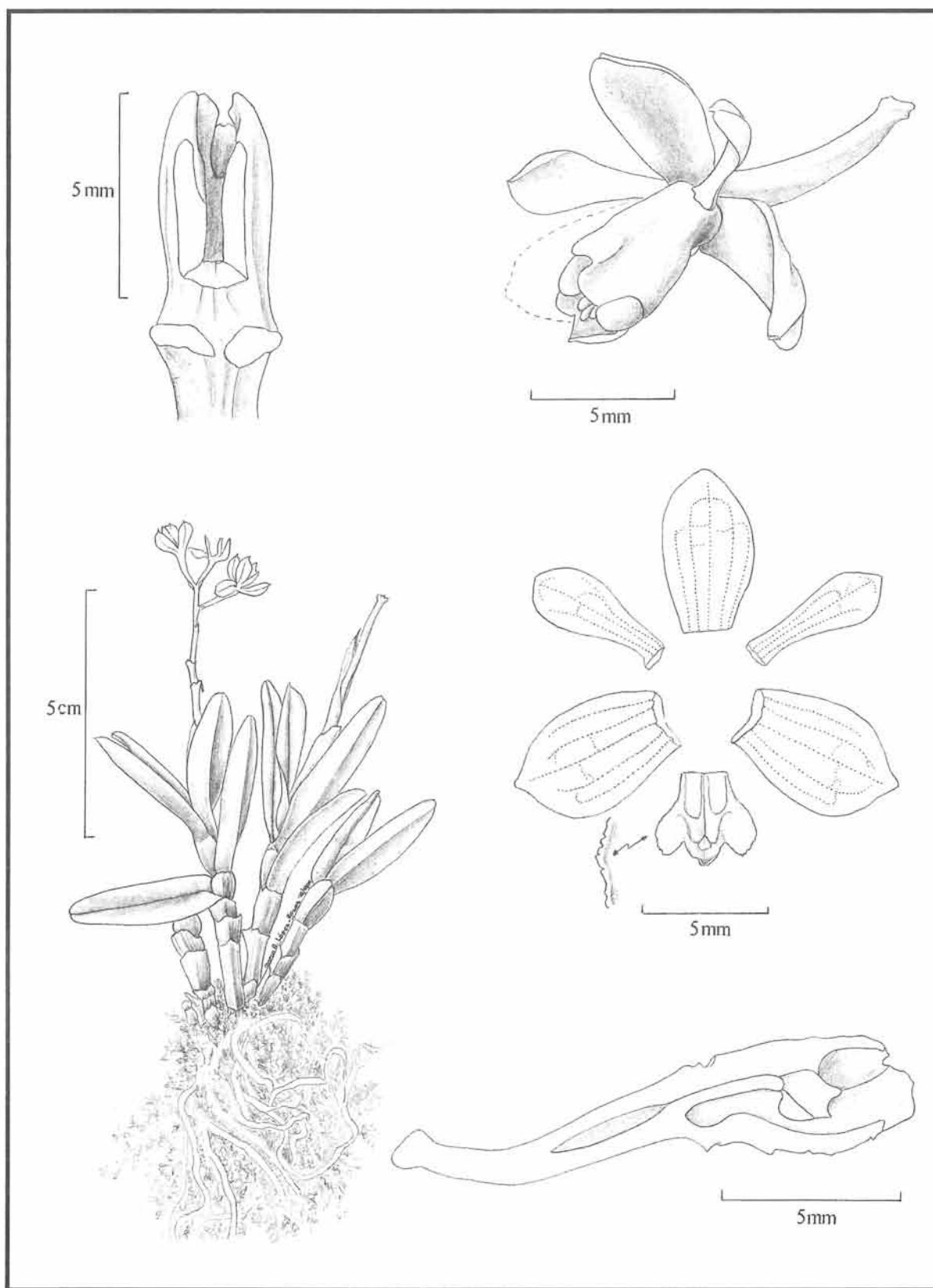




EPIDENDRUM BOYLEI Hágsater & Dodson
THE GENUS EPIDENDRUM PART 3

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

Type: ECUADOR: Carchi: Cerro Golondrinas area, access via Chamorro property above El Carmen, which is above Hualchán. On peak of Cerro 2840. 00° 50' N 78° 12' W, 2850-2860 m, 24 July 1993, **Brad Boyle & P. Hibbs 2307**. Holotype: MO! (illustration voucher).

Epidendrum manco Lindl. similare sed floribus respectu caulis erectis, labello trilobato, sepalis petalisque brunneis, labello albo-cremeo differt.

Hierba epífita, cespitosa, erecta, 8.5-10 cm de alto. **Raíces** basales, carnosas, delgadas, 0.5-1 mm de grosor. **Tallos** sencillos, tipo caña, rectos, ancipitosos, 2.5-3.5 x 0.2-0.5 cm. **Hojas** 3-4 distribuidas en la mitad apical del tallo, erectas; vaina tubular, ancipitosa, estriada, 0.5-0.7 x 0.3-0.6 cm; lámina angostamente elíptica oblonga, desigualmente bilobada, con una quilla dorsal, margen apical crenado, coriácea, 3.0-3.5 x 0.6-0.8 cm. **Espatas** 1-2, tubulares, oblongas, ancipitosas, subagudas, 1.8-2.0 x 0.4-0.5 cm. **Inflorescencia** apical, racemosa, erecta, 6 cm de largo; pedúnculo corto, terete a lateralmente aplanado, recto, no ornamentado. **Brácteas florales** mucho más cortas que el ovario a obsoletas. **Ovario** terete, no ornamentado, ligeramente dilatado hacia el ápice, 5-8 x 0.6-1.0 mm. **Flores** 4, sucesivas, no resupinadas, sépalos y pétalos pardos, labelo blanco cremoso; fragancia no registrada. **Sépalos** extendidos, ligeramente cóncavos, libres, obovados, agudos, margen entero, 5-nervados, 5.5-6.4 x 2.5-3.2 mm; el dorsal subredondeado. **Pétalos** extendidos, ligeramente cóncavos, libres, espatulados, obtusos, margen entero, 3-nervados, 4.8-5.5 x 1.5-2.0 mm. **Labelo** unido a la columna, reducido, trilobado, carnoso, 2.5 x 4.0 mm; bicalloso, con una quilla corta en medio, dando la apariencia de una estructura gruesa trilobada; lóbulos laterales diagonalmente subrómicos, redondeados, margen finamente eroso; lóbulo medio semicircular, apiculado. **Columna** recta, 5 mm de largo. **Clinandrio** corto, entero. **Antera** no vista. **Polinios** no vistos. **Rostelo** subapical, hendido. **Lóbulos laterales del estigma** de 1/2 de largo de la cavidad estigmática. **Nectario** sin traspasar el perianto, no ornamentado. **Cápsula** no vista.

Epiphytic, caespitose **herb.** **Stems** cane-like, short, ancipitose. **Leaves** 3-4, sheaths ancipitose, blade oblong to narrowly elliptic, unequally bilobed, coriaceous, apical margin finely crenate. **Spathes** 1-2, tubular, narrow oblong, ancipitose, subacute. **Inflorescence** apical, racemose, erect, few-flowered. **Floral bracts** much shorter than the ovary to obsolete. **Ovary** terete. **Flowers** 4, successive, non-resupinate, sepals and petals brown, lip creamy-white. **Sepals** spreading, free, obovate, rounded to acute, 5-veined. **Petals** spreading, spatulate, obtuse, 3-veined. **Lip** reduced, 3-lobed, fleshy, bicallose with a small intermediate short keel, producing a 3-lobed appearance; lateral lobes diagonally subrhombic, rounded, margin finely erose, midlobe semicircular, apiculate. **Column** straight. **Clinandrium** short, entire. **Nectary** short, not surpassing the perianth.

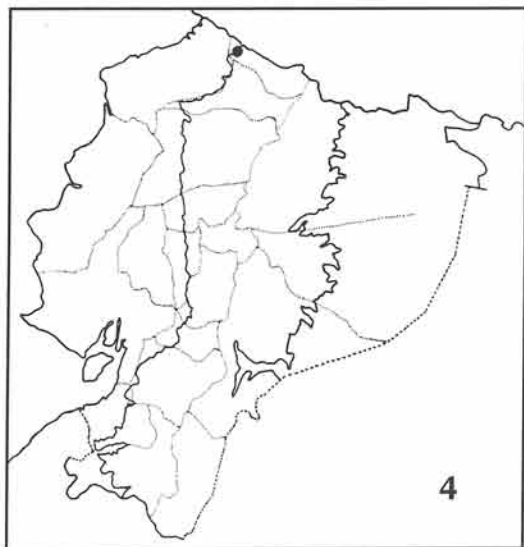
OTHER SPECIMENS: None seen.

RECOGNITION: *Epidendrum boylei* belongs to the mancum group and can be recognized by its small, caespitose plants with brown flowers and a creamy white lip, few flowers, ancipitose stems, erect leaves, petals 3-veined, 3-lobed lip. It's similar to *E. mancum*, but the latter has orange and yellow flowers, elliptic-ovate, spreading leaves, entire lip. *Epidendrum brachyglossum* Lindl., is found at lower altitudes, plants are larger, have linear-lanceolate leaves, and a more or less 3-lobed lip.

DISTRIBUCION AND ECOLOGY: Known only from the type, epiphytic on shrub in páramo-elfin forest, 2850-2860 m. Flowering in July.

CONSERVATION STATUS: DD. Data deficient.

ETYMOLOGY: In honor of Brad Boyle, who collected the type specimen.



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