

EPIDENDRUM ELLEMANNII Hágsater & Dodson
THE GENUS EPIDENDRUM PART 3

EPIDENDRUM ELLEMANNII Hágsater et Dodson, sp. nov.

Type: ECUADOR: Loja: Road Loma del Oro (S of Saraguro) toward Fierro Urcu, ca. km 9. Elfin forest and adjacent páramo, ca. 3400 m, 12 Mar. 1989. *B. Øllgaard, J. E. Madsen & L. Ellemann 91014*. Holotype: AAU! (illustration voucher).

Epidendro cartilaginifloro Rchb. f. simile sed floribus minoribus et labello cordiformi.

Hierba epífita, erecta, ramificada arriba, de 15 cm de alto. **Raíces** basales, delgadas, de 1-1.4 mm de grosor. **Tallos** delgados, tipo caña, erectos, teretes, originados en los nodos apicales del tallo anterior, progresivamente más cortos, 3-6 cm de largo. **Hojas** 3-4, distribuidas en los dos tercios apicales del tallo, articuladas; vainas tubulares, infundibuliformes, diminutamente papilosas, estriadas cuando secas, de 10 mm de largo; lámina subcoriácea, lanceolada a angostamente elíptica, aguda, diminutamente apiculada, con papilas diminutas en los bordes del ápice, 15-22 x 3-4 mm. **Espata** ausente. **Inflorescencia** apical, del tallo maduro, florece una sola vez, corta, nutante, de 1-1.2 cm de largo, racemosa, raquis papiloso, con pedúnculo corto de 3-4 mm de largo. **Brácteas florales** mucho más cortas que el ovario, angostamente triangulares, la base papilosa, acuminadas, de 2.5-5 mm de largo. **Ovario** terete, diminutamente papiloso, de 9-11 mm de largo. **Flores** 3-6, simultáneas, resupinadas, color crema purpúreo pálido, fragancia no registrada. **Sépalos** extendidos, oblongos, agudos, dorsalmente papilosos, 3-nervados; el dorsal agudo; los laterales aristados, 5.4-5.6 x 1.7-2.0 mm. **Pétalos** entreabiertos, linear-oblancoolados, agudos, uninervados, 5 x 1 mm. **Labelo** unido a la columna, cordiforme, apiculado, 3 x 3.7 mm; bicalloso, callos cortos, subglobosos, lateralmente comprimidos, con una quilla longitudinal. **Columna** recta, de 4 mm de largo, ensanchada hacia el ápice. **Clinandrio** corto, entero. **Rostelo** apical, hendido. **Nectario** apenas sobrepasando el perianto, liso, no ornamentado. **Antera** no vista. **Polinios** no vistos. **Cápsula** no vista.

Erect, branching herb. **Stems** thin, cane-like, terete, originating from the apical nodes of the previous stem, progressively shorter. **Leaves** 3-4, sheaths tubular, infundibuliform, minutely papillose, blade subcoriaceous, lanceolate to narrowly elliptic, acute, minutely apiculate, minutely papillose along the apical margins. **Inflorescence** short, nutant, racemose. **Floral bracts** narrowly triangular, acuminate, much shorter than the ovary. **Ovary** terete, minutely papillose. **Flowers** 3-6, simultaneous, resupinate, pale purplish cream. **Sepals** spreading, oblong, acute, dorsally papillose, 3-veined; the laterals somewhat aristate. **Petals** partly spreading, linear-oblancoolate, acute, 1-veined. **Lip** united to the column, cordiform, apiculate; bicallose, the calli short, subglobose, laterally compressed, with a central longitudinal keel. **Column** straight, thickened towards the apex. **Clinandrium** short, entire. **Rostellum** apical, slit. **Nectary** shallow, barely surpassing the perianth.

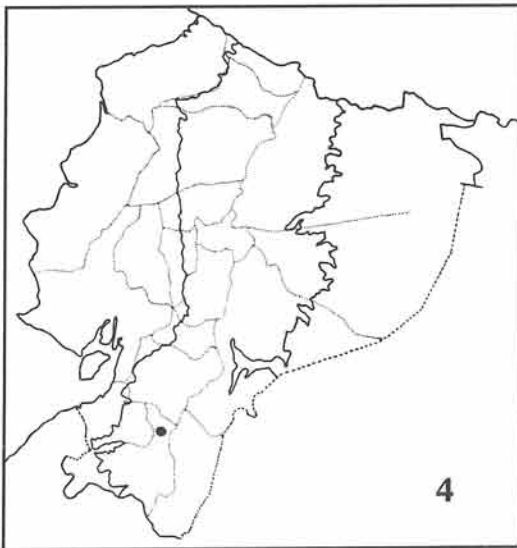
OTHER SPECIMENS: None seen.

DISTRIBUTION AND ECOLOGY: Known only from the type, from southern Ecuador, in elfin forest below the páramos, epiphytic in moss, at 3400 m altitude. Flowering in March.

RECOGNITION: *Epidendrum ellemannii* belongs to the soratae complex of the cardiophyllum subgroup of the cardiophyllum group, which is identified by the branching habit, acute leaves and infundibuliform sheaths and the short stems produced from the apical nodes of the previous stems, the species is recognized by the small flowers and the cordiform lip. *Epidendrum cartilaginiflorum* from Bolivia has larger flowers, the sepals 15-16 mm long, and the lip is narrowed beyond the middle, giving it a somewhat 3-lobed shape, the apex rounded, not apiculate. *Epidendrum soratae* has a reniform, emarginate lip, the sepals 6-7 mm long. *Epidendrum cardenasii* Hágsater has a bilobed, emarginate lip 10 x 12 mm, with the sepals 12-13 mm long, the leaves 3.6-5.1 x 0.5-0.7 cm.

CONSERVATION STATUS: DD. Data deficient.

ETYMOLOGY: In honor of Lis Ellemann, a botanical collector, part of the Danish team who has worked out of Loja.



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