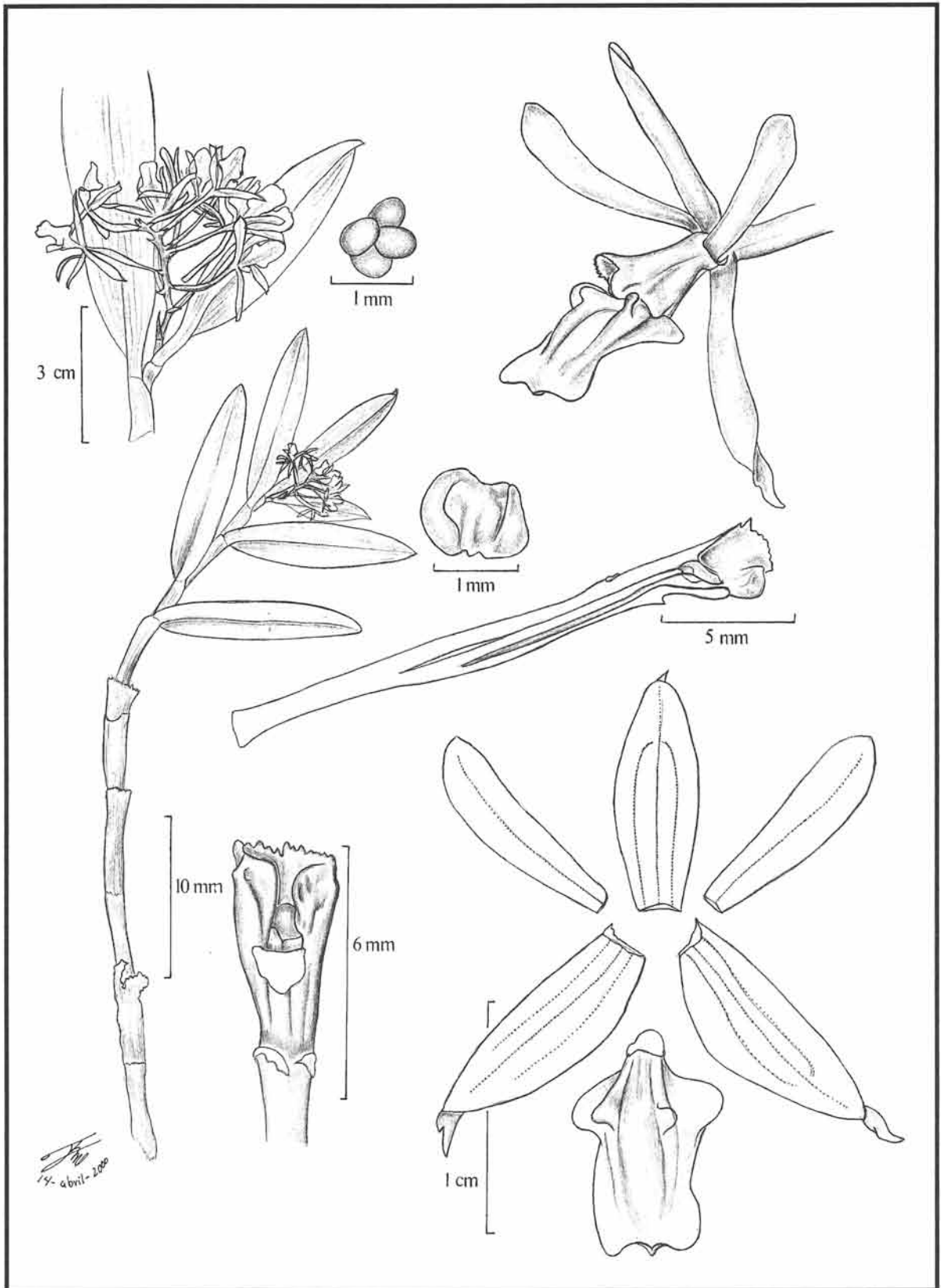




EPIDENDRUM GUAGRA-URCUËNSE Hágsater & Dodson
THE GENUS EPIDENDRUM PART 3

EPIDENDRUM GUAGRA-URCUËNSE Hágsater et Dodson, sp. nov.

Type: ECUADOR: Napo: Slopes of Guagra-Urcu, on the loma above upper Río Borja, SE exposed montane forest, 2600 m, 0°28'S, 77°44'W, 25 Sept. 1980, **L. Holm-Nielsen, J. Jaramillo, F. Coello & E. Azanza 27006**. Holotype: AAU! (illustration voucher).

Epidendro cernuo Kunth simile sed inflorescentia brevi pauciflora, labello pandurato, suo lobulo medio obcuneato ad apicem trilobato discrepans.

Herb erecta, de más de 65 cm de alto. **Raíces** no vistas. **Tallos** ramificados, tipo caña, lateralmente aplanados; 53 x 0.7-1.2 cm. **Hojas** numerosas, distribuidas a lo largo de los tallos, alternas; vaina tubular, estriada, lateralmente aplanada, ancipitosa, 1.3-4.5 x 0.7-1.3 cm; lámina lanceolada a elíptica, desigualmente bilobada, retusa, margen entero, subcoriácea; 6-13.5 x 1.5-2.6 cm. **Espata** ausente. **Inflorescencia** apical, racemosa, arqueada, corta, semiesférica, del tallo principal, florece una sola vez, 6.5 cm de largo; pedúnculo reducido, terete, no ornamentado, provisto de una bráctea corta en la parte media. **Brácteas florales** mucho más cortas que el ovario, triangulares, agudas, 1.5 mm de largo. **Flores** 12, simultáneas, resupinadas, color amarillento, fragancia no registrada. **Ovario** terete, ligeramente inflado en la mitad apical, no ornamentado, 11-20 mm de largo. **Sépalos** extendidos, libres, angostamente elípticos, agudos, aristados, margen entero, carnosos, 3-nervados, con una quilla dorsal, el **dorsal** 8.5-10 x 3.7 mm, los **laterales** oblicuos, 9-13 x 4 mm. **Pétalos** extendidos, libres, oblongo oblanceolados, ápice redondeado, margen entero, 1-nervados, 9-10 x 2.4 mm. **Labelo** unido a la columna, trilobado, pandurado, base cuneada, 7-8 x 6-7 mm; bicalloso, los callos prominentes, laminares; disco tricarinado, margen entero; lóbulos pequeños, triangular redondeados, lóbulo medio obcuneado subrectangular, ápice trilobado. **Columna** recta, 5 mm de largo. **Clinandrio** prominente, en forma de embudo, eroso fimbriado. **Antera** reniforme, 4-locular. **Polinios** 4, obovoides, subiguales. **Rostelo** hacia la mitad de la columna, hendido. **Lóbulos laterales del estigma** de la mitad del largo de la cavidad estigmática. **Nectario** profundo, penetrando la mitad del ovario, no ornamentado. **Cápsula** no vista.

Erect herb. **Stems** cane-like, erect, laterally compressed, ancipitose. **Leaves** numerous; sheaths tubular, ancipitose, striated; blade lanceolate to elliptic, unequally bilobed, retuse. **Inflorescence** apical, racemose, arching, short, semispherical, flowering only once. **Floral bracts** much shorter than the ovary, triangular, acute. **Flowers** 12, simultaneous, resupinate, yellowish. **Sepals** spreading, free, narrowly elliptic, aristate, fleshy, 3-veined. **Petals** oblong-oblanceolate, rounded, 1-veined, margin entire. **Lip** 3-lobed, base cuneate, bicallose, calli laminar, disc low tricarinate, margin entire; lateral lobes small, triangular-rounded, midlobe obcuneate-subrectangular, apex 3-lobed. **Clinandrium** prominent, funnel-shaped, erose-fimbriate. **Nectary** penetrating half the ovary.

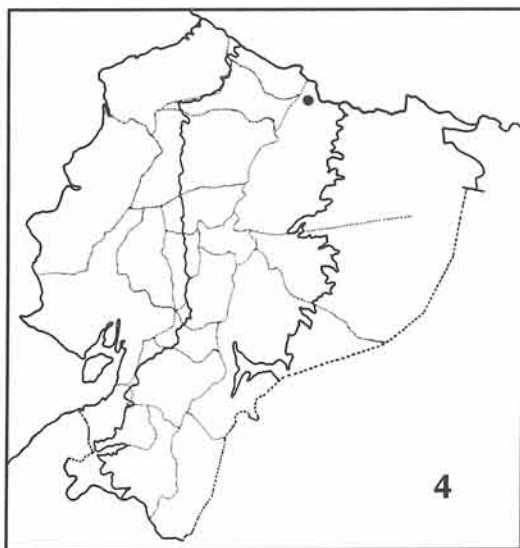
OTHER SPECIMENS: None seen.

DISTRIBUTION AND ECOLOGY: Known only from northern Ecuador, from the slopes of the Guagra-Urcu, on the eastern side of the eastern Andes, at 2600 m altitude. In montane forest. Flowering in September.

RECOGNITION: *Epidendrum guagra-urcuense* belongs to the cernuum group and subgroup, and is recognized by the branching stems, the bilobed leaves, 3-lobed pandurate lip, the small triangular-rounded lateral lobes, the midlobe obcuneate-rectangular, the apex 3-lobed, the clinandrium prominent, funnel-shaped and erose-fimbriate, the inflorescence is short and few-flowered. *Epidendrum cernuum* Kunth also has aristate sepals, but many more, delicate, small flowers (sepals 6-13 mm), giving the inflorescence a fox-tail appearance, the lip is 3-lobed but not pandurate, with the midlobe cuneate and apiculate. *Epidendrum brevicernuum* Hágsater & Dodson has petals 3-veined and clinandrium short, entire, and the lobes of the lip subequal. *Epidendrum pseudocernuum* Carnevali & I. Ramírez has small, falcate lateral lobes of the lip.

CONSERVATION AND STATUS. DD. Data deficient.

ETIMOLOGY: In reference to the Guagra Urcu, at the base of which this species was collected.



Authors: E. Hágsater & C. H. Dodson

Illustrator: R. Jiménez M.

Editors: E. Hágsater & L. Sánchez S.

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

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