

EPIDENDRUM CAMPII Hágsater & Dodson
THE GENUS EPIDENDRUM PART 4

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

Type: ECUADOR: Azuay: eastern Cordillera, 4-6 km north of the village of Sevilla de Oro, 2700-3000 m, 14 August 1945, **W. H. Camp E-4689B**. Holotype: S! (Illustration voucher). Isotypes AMES x2! NY!

Epidendro rhodoide Hágsater & Dodson simile sed petalis 1-nervatis triplo sepalis angustioribus, labelli lobulo medio hemielliptico differens.

Hierba epífita, rastrera, erecta, de 16-43 cm de alto. **Raíces** basales, carnosas, 0.7-1.9 mm de grosor. **Tallos** sencillos, tipo caña, lateralmente aplanados, 9-15 x 0.21-0.43 cm, los tallos nuevos se forman a unos 5 cm de la base del tallo anterior. **Hojas** 4-6, distribuidas a lo largo del tallo, articuladas, alternas; vainas tubulares, lateralmente aplanadas, ancipitosas, finamente estriadas y rugosas, 0.8-2.7 x 0.21-0.43 cm; lámina angostamente elíptica, aguda, apiculada, margen eroso hacia el ápice y ligeramente revuelto cuando secas, 3-8.8 x 0.3-0.72 cm. **Brácteas espatáceas** 2-3, tubulares, ancipitosas, de lados paralelos, agudas, 1.6-5.1 x 0.18-0.29 cm. **Inflorescencia** apical, florece una sola vez, racemosa, arqueada, laxa, 8-17 cm de largo; pedúnculo arqueado, cubierto totalmente por las espatas, 6-10.5 cm de largo. **Brácteas florales** tan largas como el ovario, triangulares, acuminadas, 4-10 mm de largo. **Ovario** terete, 5-6 mm de largo. **Flores** ca. 13, simultáneas, resupinadas, amarillo verdoso teñidas de púrpura intenso, fragancia no registrada. **Sépalos** libres, extendidos, carinados dorsalmente, la carina erosa, 5-nervados, margen entero; el **dorsal** obovado, agudo, 9.1 x 3.2 mm; los **laterales** elípticos, oblicuos, con una quilla dorsal erosa, 8.9-9.5 x 3.2-3.8 mm. **Pétalos** extendidos, libres, oblongos, ligeramente ensanchados hacia el ápice, obtusos, 1-nervados, margen entero, 8.3 x 1.2 mm. **Labelo** unido a la columna, trilobado, base profundamente cordada, 7.1 x 7.1 mm; bicalloso, callos subglobosos que se continúan con un par de estructuras cortas y redondeadas hacia la base del lóbulo medio; disco desprovisto de quillas, con una vena engrosada que se desvanece hacia el ápice; lóbulos laterales transversalmente elípticos, margen eroso, 2.4 x 4.4 mm; lóbulo medio hemielíptico, redondeado, apiculado, margen entero, de alrededor de la mitad de tamaño de los laterales, 2.6 x 2.6 mm. **Columna** recta, formando un arco ligero con el ovario, 7 mm de largo. **Clinandrio** reducido, entero. **Antera** no vista. **Polinios** no vistos. **Rostelo** apical, hendido. **Lóbulos laterales del estigma** de ¼ de largo de la cavidad estigmática. **Nectario** penetrando 1/3 parte del ovario, engrosado en la columna, adelgazándose en el ovario, no ornamentado. **Cápsula** elipsoidal, 24 x 9 mm; pedicelo 3 x 0.5 mm; cuello apical corto ca. 1 mm de largo.

Epiphytic, repent **herb.** **Roots** fleshy, thick. **Stems** cane-like, simple, ancipitose, arising from an intermediate internode of the previous stem. **Leaves** 4-6, distributed along of the stem, sheaths ancipitose, finely striated and rugose; blade narrowly elliptic, acute, apiculate, margin erose at the apex and somewhat revolute when dry. **Spathaceous bracts** 2-3, tubular, ancipitose, parallel-sided, racemose, arching, lax-flowered. **Inflorescence** apical, racemose, arquate. **Floral bracts** as long as the ovary, triangular acuminate. **Ovary** terete. **Flowers** simultaneous, resupinate, greenish-yellow deep purplish-tinged. **Sepals** 5-veined, **dorsal** obovate, acute, **laterals** elliptic, oblique, dorsally keeled, keel erose. **Petals** oblong, somewhat widened towards the apex, obtuse, 1-veined. **Lip** 3-lobed, deeply cordate, bicallose, the calli continued into to smaller rounded knobs, mid-vein thickened; lateral lobes about twice the size of the midlobe, transversely elliptic, margin erose, midlobe hemi-elliptic, apiculate, margin entire. **Column** straight, forming an arch with the ovary. **Clinandrium hood** reduced, entire. **Nectary** penetrating 1/3 of the ovary, thickening within the column, narrowed progressively into the ovary. **Capsule** ellipsoid, with a short apical neck.

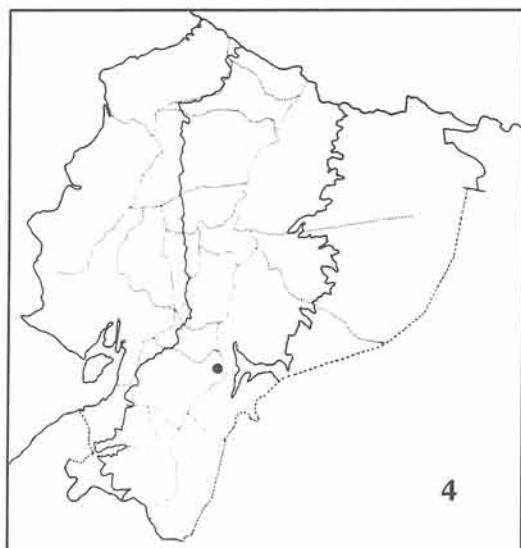
OTHER SPECIMENS: ECUADOR: Azuay: same locality as the type, *Camp E-4689A*, AMES! NY! S!

DISTRIBUTION AND ECOLOGY: Known only from the type locality, east of Cuenca, at about 2700-3000 m altitude. Flowering in August.

RECOGNITION: *Epidendrum campii* belongs to the Pergracile Subgroup of the Alpicolum Group, which is characterized by the subcaespitose habit, long spathaceous bract with parallel sides, lax-flowered, racemose inflorescence, membranaceous flowers, 3-lobed lip which is not fleshy-thickened. The species is recognized by the hemi-elliptic midlobe of the lip, about as wide as it is long, and the petals are 1-veined, about 1/3 the width of the dorsal sepal. *Epidendrum rhodoide*s has a subquadrate midlobe of the lip, the 5-veined petals are as wide as the dorsal sepal. *Epidendrum vidal-senegei* Hágsater & Dodson, has larger flowers, the sepals 13-16 mm long, and the 1-veined petals are linear, less than half as wide as the sepals, the leaves somewhat wider, 0.7-0.9 cm, and the midlobe of the lip rectangular, 3-4 times longer than wide.

CONSERVATION STATUS: DD. Data deficient.

ETYMOLOGY: In Honor of W. H. Camp, who collected the type. He collected plants in Ecuador between 1943 and 1947. His orchid material is widely deposited at AMES, MO, NY, QCA, QCNE, S and SEL.



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