

**EPIDENDRUM CAMPOSII Hágsater**

Text on the reverse side

*EPIDENDRUM CAMPOSII* Hágsater, *sp. nov.*

Holotype: MEXICO: Oaxaca: 1 km W on brecha of km 180, Oaxaca-Puerto Escondido road, 2030 m, collected January 1976, pressed in cultivation 5 March 1982, *E.W. Greenwood* sub Hágsater 4309, AMO! Clonotypes: 23 April 1979\*, AMO! 3 April 1991, MEXU!

*Epidendro magnifico* Schltr. simile, sed differt sepalis petalisque dilute roseis, labello candido, callis cum carinis lateralibus continuis.

Hierba epífita, de simpodio erecto donde cada tallo nuevo se origina de un entrenudo intermedio del tallo anterior, hasta ca. 100 cm de alto. Raíces producidas tanto de la base de la planta como de base de los tallos superiores, carnosas, delgadas, ca. 2-3 mm de grosor. Tallos sencillos, tipo caña, teretes, rectos, hasta 26 cm de largo, 3-6 mm de grosor. Hojas 4-5, agrupadas hacia el ápice de cada tallo; vaina tubular, lisa, hasta 3.5 cm de largo; lámina elíptica, ápice bilobado a agudo, margen entero, subcoriácea, lisa, verde, hasta 16 x 4.5 cm. Inflorescencia terminal, del tallo maduro, florece una sola vez, racemosa (raramente paniculada), arqueada, 7-16 cm de largo; pedúnculo terete, arqueado, no ornamentado, sin espata, con brácteas espaciadas, sin cubrir el pedúnculo, triangulares, acuminadas, de 8-21 mm de largo. Bráctea floral de 1/4 del largo del ovario, angostamente lanceolada a triangular, acuminada, 4-15 mm de largo. Flores 20-45, simultáneas, resupinadas, con fragancia diurna, dulce; sépalos y pétalos rosa pálido o blanco-rosado, tornándose amarillento con el tiempo, labelo y columna blancos. Ovario no inflado, terete, no ornamentado, (25) 34-45 mm de largo. Sépalos extendidos, libres, con quilla dorsal apical prominente en los laterales, glabros, carnosos. Sépalo dorsal oblanceolado, agudo, márgenes extendidos, 7-nervado, 15-19 x 5-6.5 mm. Sépalos laterales oblanceolados, acuminados, márgenes extendidos, 6-7-nervados, 16-20 x 5-6 mm. Pétalos incurvados, linear-oblanceolados, obtusos, márgenes extendidos, membranáceos, 3-nervados, 14-17 x 2-2.5 mm. Labelo unido a la columna, trilobado, bicalloso, membranáceo, 8-10 mm de largo, 14 mm de ancho entre los lóbulos laterales extendidos; callos continuos con las carinas laterales, carina central roma, llegando hasta la mitad de la lámina; lóbulos laterales dolabriformes; lóbulo medio más pequeño que los laterales y separado de ellos por senos profundos y angostos, bilobado, el seno apical amplio, poco profundo, diminutamente mucronado, márgenes enteros. Columna ligeramente arqueada, delgada, 11-12 mm de largo. Clinandrio no prominente, margen entero. Antera subsférica, con una quilla angosta y roma al frente, 4-locular. Polinios 4, semiobovoides, lateralmente comprimidos, subiguales; caudículas suaves y granuladas, algo más largas que polinios; viscidio semilíquido, transparente. Rostelo apical, hendido. Lóbulos laterales del estigma obsoletos. Nectario poco profundo, penetrando 1/4 del ovario, liso interiormente. Cápsula no vista.

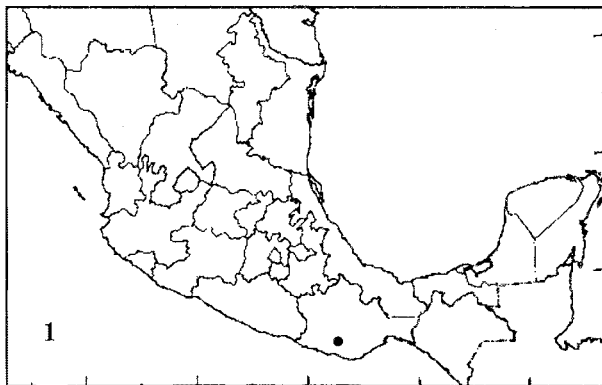
Epiphytic herb where the new stem is produced from the middle of the previous stem. Roots fleshy, slender, from the base of the stems. Stem straight, reed-like. Leaves 4-5, near the apex of the stem, elliptic, apex bilobed to acute. Inflorescence terminal, from the mature stem, arcuate, racemose (rarely paniculate), flowers only once. Floral bracts narrowly lanceolate to triangular, acuminate, about 1/4 as long as the ovary. Flowers 20-45, simultaneous, resupinate, sweetly fragrant during daytime, sepals and petals pale pink, turning yellowish with age, lip and column white. Sepals spreading, oblanceolate, acute to acuminate, the laterals with a prominent dorsal-apical keel, 7-veined. Petals incurved, linear-oblanceolate, obtuse, 3-veined. Lip united to the column, 3-lobed, bicallose, with 3 central keels, the calli continuous with the two outer keels, the central keel running down to the middle; lateral lobes dolabriform; midlobe smaller than the laterals and separated from them by deep, narrow sinuses, bilobed, the apical sinus shallow, wide, minutely mucronate. Column slightly arcuate, thin. Clinandrium obsolete, margin entire. Anther subspherical, with a central keel at the front, 4-celled. Pollinia 4, semiobovoid, laterally compressed, subequal; caudicles soft and granulate; viscidium semiliquid. Rostellum apical, slit. Nectary shallow, penetrating 1/4 of the ovary.

OTHER SPECIMENS: MEXICO: Oaxaca: Campos et al. 1274, AMO! MEXU. Campos & Torres 1549, AMO! MEXU. Fernández sub Hágsater 11219, AMO! (illustration voucher.) Toriz & Campos 819, AMO! MEXU.

\*NOTE: This specimen bears freak flowers with the midlobe of the lip entire and triangular, being otherwise normal in size and coloration.

DISTRIBUTION AND ECOLOGY: Apparently endemic to southern Oaxaca, Mexico, on the crest of the Sierra Madre del Sur. Epiphyte on oaks in tall oak-pine cloud forest, at 1990-2220 m altitude. Flowering from February to April.

RECOGNITION: The very pale pink and white flowers with two white calli on the lip, which are continuous with two lateral low keels, characterize *E. camposii*. *Epidendrum magnificum* Schltr. has deep pink to deep purple flowers and is



found only in Guerrero. *Epidendrum greenwoodii* Hágsater grows sympatrically with *E. camposii*, but the flowers are orange yellow and the lip is differently shaped. *Epidendrum nicaraguense* Scheeren ex Hágsater, on the other hand, has light pink flowers with bright, deep yellow, subglobose calli.

CONSERVATION STATUS: Undetermined. The species appears to be restricted to a small area in southern Oaxaca, but there are no accurate data available concerning either the size of the populations or possible threatening factors.

ETYMOLOGY: Named in honor of Alvaro Campos Villanueva of the Herbario Nacional de México (MEXU), presently engaged in the Flora de Oaxaca project, and collector of the species.

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Plate 118

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