

EPIDENDRUM ALLISONII Hágsater & Dodson
 THE GENUS EPIDENDRUM PART 3

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

Type: ECUADOR: Napo: Km 72 on road Quito to Baeza at Cuyuja, 2450 m, epiphytic, in wet montane forest along river bank, 29 May 1986, *C. H. y T. A. Dodson 16426*. Holotype: QCNE (fide Dodson)
Isotypes: RPSC! SEL! (illustration voucher).

Epidendro suavi (Rchb. f. & Warsc.) Løjtnant simile sed floribus carnosioribus, labello reniformi emarginato, sepalis petalisque latioribus et obtusis differens.

Hierba epífita o terrestre, ramificada, de más de 52 cm de alto. Raíces basales, carnosas, 2 mm de grosor. Tallos ramificados, tipo caña, teretes, 23-36 x 0.25-0.4 cm. Hojas numerosas, distribuidas a casi todo lo largo del tallo, alternas, vaina tubular, lateralmente aplanada, estriada y rugosa, 15-30 x 4-7 mm; lámina angostamente lanceolada, ápice desigualmente bilobado, margen entero, lisa, 2.5-7.7 x 0.6-0.9 cm. Espata ausente. Inflorescencia apical, racemosa, arqueada; 5 cm de largo; pedúnculo corto, terete, 1 cm de largo, provisto, ocasionalmente en la parte media, de una bráctea semejante a las florales, triangular, aguda, 4 mm de largo. Brácteas florales mucho más cortas que el ovario, triangulares, acuminadas, 3 mm de largo. Flores 10, simultáneas, color rojizo pardo. Ovario terete, liso, no ornamentado, 17 mm de largo. Sépalos extendidos, libres, elípticos, glabros, obtusos, cortamente aristados, margen entero, 7-nervados, el dorsal 16-17 x 10 mm; los laterales mucronados, 18 x 10 mm. Pétalos extendidos, libres, ovados, obtusos, apiculados, margen entero, 3-nervado, ramificados de manera de aparecer 7-nervados, 13.5-17 x 10 mm. Labelo oblicuamente unido a la columna, base truncada, reniforme, emarginado, margen eroso; escalo; disco provisto de 5-6 carinas prominentes en el área basal, desvaneciéndose hacia la parte media, 13-16 x 22-24 mm. Columna arqueada, el ápice arqueado hacia arriba, 9 mm de largo. Clinandrio corto, entero. Antera reniforme, 4-locular. Polinios 4, ovoides. Rostelo subapical, hendido. Lóbulos laterales del estigma pequeños. Nectario sin traspasar el perianto, no ornamentado. Cápsula no vista.

Epiphytic or terrestrial, branching herb. Stems cane-like, branching, laterally compressed. Leaves numerous, distributed nearly throughout the stems, sheath tubular, laterally compressed, striated and rugose, blade narrowly lanceolate, apex unequally bilobed. Inflorescence apical, racemose, arching, peduncle short. Floral bracts much shorter than the ovary, triangular, somewhat acuminate. Flowers 10, simultaneous, reddish-brown. Sepals spreading, elliptic, obtuse, short aristate, margin entire, 7-veined. Petals spreading, ovate, obtuse, apiculate, 3-veined, the lateral veins branching so as to appear 7-veined. Lip obliquely united to the column, base truncate, reniform, emarginate, margin erose, ecallose, disc provided with 5-6 prominent keels. Column arched, the apex arched upwards. Clinandrium short, entire. Nectary not surpassing the perianth.

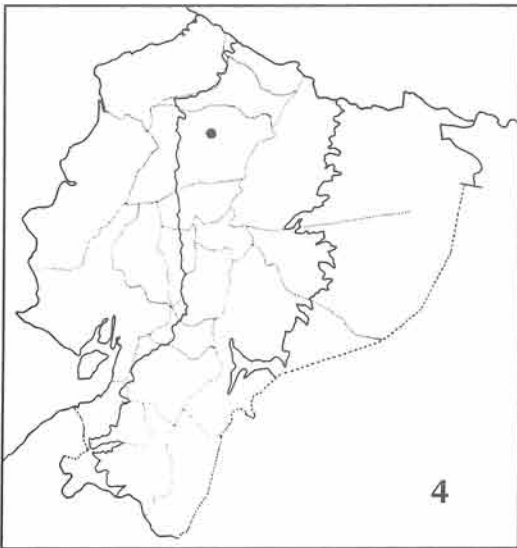
OTHER SPECIMENS: ECUADOR: Napo: Papallacta, *Dodson et al. 17070*, MO, QCNE, RPSC!

DISTRIBUTION AND ECOLOGY: Only known from Ecuador, from the the type locality, between Papallacta and Cuyuja, terrestrial on roadside bank or epiphytic in humid montane forest, 2,450-3,100 m. Very common locally. Flowering in April and May.

RECOGNITION: *Epidendrum allisonii* belongs to the *Diothonea* group, recognized by its branching habit, apically bilobed leaves, and short nutant inflorescence, the lip obliquely jointed to the column; the species has a bilobed lip, truncate at the base and ovate, obtuse petals, and column somewhat arched with its apex arched upwards. It is similar to *E. suavis* (Rchb.f. & Warsc.) Løjtnant which has an entire, cuneate lip, and narrower, acute petals. *Epidendrum diothoneaeoides* Schltr. has narrower, acute sepals and petals, and the column is united to the column throughout and blunt, 1.2 mm long.

CONSERVATION STATUS: DD. Data deficient.

ETYMOLOGY: In honor of Captain David Allison, airline pilot with Canadian Air, who participated in the collection, and lives in the state of Washington near Seattle.



Authors: E. Hágsater & C. H. Dodson

Illustrator: M. López R.

Editors: E. Hágsater & L. Sánchez S.

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

ICONES ORCHIDACEARUM 4. 2001. Plate 405