

EPIDENDRUM ALLOCHRONUM Hágsater

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EPIDENDRUM ALLOCHRONUM Hágsater, *nom. et stat. nov.*

Based on: *Epidendrum coriifolium* Lindl. var. *purpurascens* Schltr., Fedde Repert. 17: 31. 1922. Holotype: PANAMA: Chiriquí, 3800-4500 ft, 16 Sept. 1919, C.W. Powell 119, B (destroyed). Lectotype (here designated): a duplicate of the same collection, K! (photo AMES 26044!). Isolectotype: AMES 23949! (*non* AMES 27529!, which is *E. summerhayesii* Hágsater; *non* *Epidendrum purpurascens* Focke.)

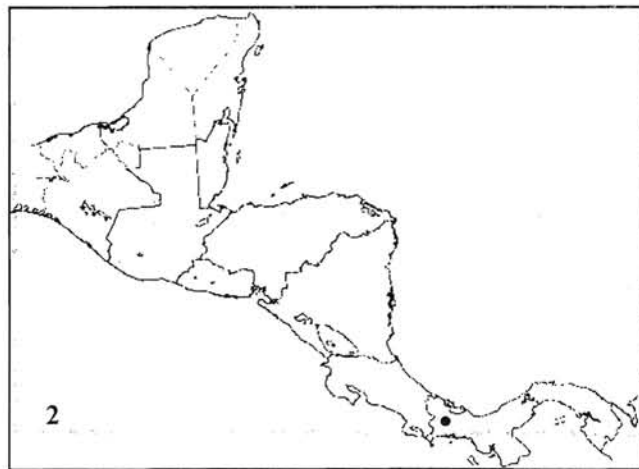
Hierba epífita, cespitosa, hasta 45 cm de alto o más. Raíces basales, carnosas, gruesas, 2-3 mm de grosor. Tallos sencillos, tipo caña, lateralmente comprimidos, rectos, 13-18 x 6-14 mm. Hojas, 2-3 (4), distribuidas en la mitad apical del tallo; vaina tubular, lateralmente comprimida, lisa, 3.5-5 cm de largo; lámina linear, ápice desigualmente bilobado, margen entero, subcoriácea, lisa, verde con los márgenes amoratados, (5) 9-18 x 1.9-3.2 cm. Inflorescencia terminal, del tallo maduro, florece una sola vez, racemosa, distica, erecta, hasta 40 cm de largo; pedúnculo sin espata, con 2-5 brácteas semejantes a las florales pero no divergentes, casi paralelas al pedúnculo, algo imbricadas, conduplicadas, de 35-55 x 8-12 mm; raquis lateralmente comprimido, ancipitoso, no ornamentado, en zig-zag. Brácteas florales más largas que el ovario, verdes, densamente punteadas de morado-rojizo, ovadas, conduplicadas, ápice redondeado a someramente bilobado, 18-30 mm de largo, se desarrollan progresivamente, después de la antesis son divergentes y espaciadas (i.e., no imbricadas). Flores hasta 20, sucesivas, desarrollándose y abriendo una a la vez, verdes, los sépalos rayados de morado-rojizo en el envés, el labelo teñido de morado-rojizo en el envés; fragancia aparentemente ausente. Ovario grueso, terete, no ornamentado, 14-20 mm de largo. Sépalos entreabiertos a más o menos extendidos, libres, glabros, coriáceos, con quilla dorsal prominente y dentada en los laterales. Sépalo dorsal lanceolado, agudo, márgenes extendidos, 7-9-nervado, 18-20 x 5-6 mm. Sépalos laterales lanceolados, agudos, márgenes extendidos, 7-9-nervados, 16-19 x 6.5-8 mm. Pétalos aprensados contra los sépalos laterales, lineares, agudos, márgenes extendidos, 1-nervados, 15-19 x 1 mm. Labelo unido a la columna, entero, obreniforme, ecaloso, con carina central gruesa y roma formando un mucrón apical grueso, base cordada, ápice truncado, algo emarginado, márgenes apicales erosos, 12-13 x 16-22 mm. Columna recta, gruesa, 7-9 mm de largo. Clinandrio obsoleto, la antera totalmente expuesta arriba, margen entero. Antera ovoide, truncada, con una quilla roma al frente, 4-locular. Polinios 4, obovoides, lateralmente comprimidos, subiguales; caudículas suaves y granuladas, un poco más largas que los polinios; viscidio semilíquido, transparente. Rostelo subapical, hendido. Lóbulos laterales del estigma pequeños, de 1/4 del largo de la cavidad estigmática. Nectario profundo, penetrando la mitad del ovario, liso interiormente. Cápsula no vista.

Epiphytic, caespitose herb. Stems simple, reed-like, laterally compressed, straight. Leaves 2-3 (4), linear, coriaceous, apex bilobed, green with purple margins. Inflorescence terminal, from the mature stem, flowers only once, racemose, distichous, erect; rachis zigzag, laterally compressed, ancipitous. Floral bracts longer than the ovaries, conduplicate, apex rounded to bilobed, spaced apart (i.e., not imbricating), divergent, green, densely dotted with reddish-purple. Flowers up to 20, successive, developing and opening one at a time, green, the sepals with reddish-purple lines, the lip reddish-purple on the underside. Ovary thick, terete. Sepals lanceolate, acute, the lateral ones dorsally keeled, the apex of the keel dentate, 7-9-veined. Petals appressed against the lateral sepals, linear, acute, 1-veined. Lip united to the column, entire, obreniform, ecallose, with a thick central keel running down to the apex, base cordate, apex emarginate, shortly mucronate. Column straight. Clinandrium obsolete. Anther ovoid, truncate, 4-celled, with a low keel in front. Pollinia 4, obovoid, laterally compressed, subequal; caudicles soft and granulate, slightly longer than the pollinia; viscidium semiliquid, transparent. Rostellum slit. Nectary deep, penetrating half the ovary.

OTHER SPECIMENS: PANAMA: Chiriquí: Hágsater et al. 6525, AMO! (illustration voucher.) CR! SEL!

DISTRIBUTION AND ECOLOGY: Apparently endemic to Chiriquí, Panama. On trees in subdeciduous tropical forest at 1700-2300 m altitude. Flowering recorded from June to October but probably throughout the year.

RECOGNITION: *Epidendrum allochronum* belongs to the *E. coriifolium* Lindl. group and can be distinguished by the stems with 2-3 (4) coriaceous, strap-like leaves, inflorescence much longer than the uppermost leaf, divergent, long floral bracts narrowly rounded at the apex and finely and abundantly dotted with reddish-purple, successive flowers produced



one at a time, and 1-veined petals appressed to the lateral sepals. *Epidendrum coriifolium*, from Guatemala and Mexico, has shorter, compact plants, the inflorescence about as long as the apical leaf and simultaneous flowers; *E. fuscopurpureum* Schltr. has semiterete, fleshy leaves; *E. caluerorum* Hágsater has narrow leaves, bracts subequal to the ovary in length, and the lip with two distinct calli; *E. palmense* Ames has acute bracts and many flowers open at the same time; *E. subviolascens* Schltr. has narrow leaves and acute bracts longer than the flowers; *E. summerhayesii* Hágsater has widely rounded, imbricating bracts; and *E. behariorum* Hágsater has elongate inflorescence with 3-5 flowers open at the same time and spreading, truncate bracts.

CONSERVATION STATUS: Unknown.

ETYMOLOGY: From the Greek *allos*, another, and *chronos*, time, in reference to the successive production of the flowers.

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