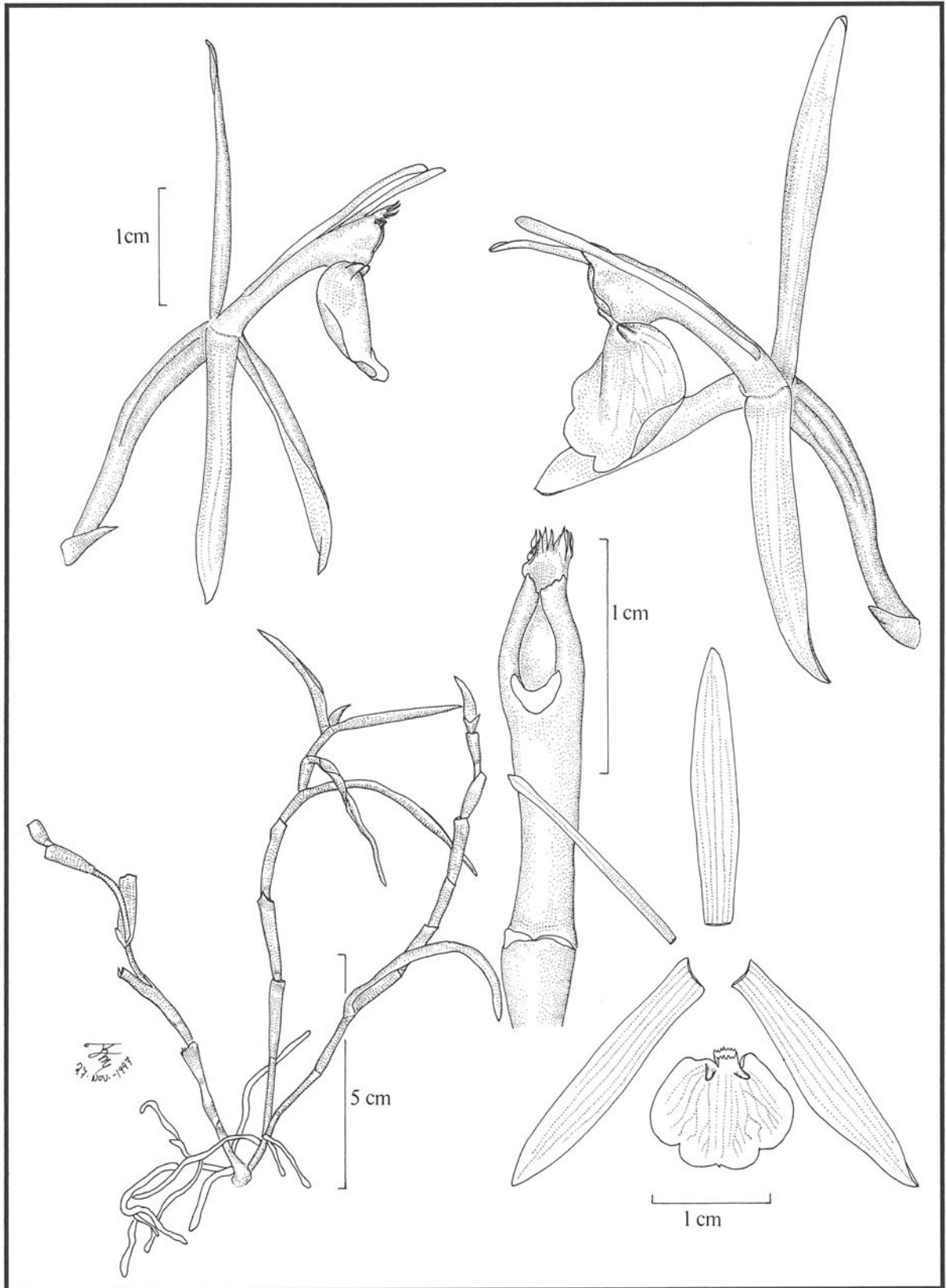




EPIDENDRUM ATWOODII Hágsater & L. Sánchez
 THE GENUS EPIDENDRUM PART 2

EPIDENDRUM ATWOODII Hágsater et L. Sánchez, *sp. nov.*

Holotype: COSTA RICA: [Cartago: Turrialba]: Sin localidad precisa, comprada y cultivada por V. Gin Lun US)! (spirit, illustration voucher).

Epidendro mantis-religiosae Hágsater simile sed sepalis lanceolatis, petalis linearibus, labello semiorbiculari usque obscure trilobato, clinandrio prominenti fimbriato.

Hierba epífita, cespitosa, 20 cm de alto. **Raíces** basales, carnosas, filiformes, 1 mm de grosor. **Tallos** sencillos, tipo caña, teretes, ligeramente flexuosos. **Hojas** 5-8, equidistantes a lo largo del tallo, ligeramente recurvadas; vaina tubular; lámina linear-lanceolada, conduplicada en la base, aguda, 3.5-5 x 0.6-0.7 cm. **Espata** ausente. **Inflorescencia** apical, del tallo maduro, sésil. **Bráctea floral** mucho más corta que el ovario, triangular, aguda, 3 mm de largo. **Flores** 1, resupinada, blanco-verdosa. **Ovario** dilatado justo detrás del perianto, terete, 23-35 mm de largo. **Sépalos** extendidos, glabros, libres, lanceolados, agudos a redondeados, margen revoluto, 5-nervados, 20-25 x 3-4 mm; el **dorsal** erecto; los **laterales** ligeramente más anchos. **Pétalos** paralelos a la columna, adnados a ésta hasta cerca de 1/3 de la columna, lineares, agudos, membranáceos, 1-nervados, 23-25 x 1-1.3 mm. **Labelo** unido a la columna, reflexo con respecto al ápice de la misma, flabelado, oscuramente trilobado, base cordada, margen entero, 8-12 x 7-8 mm; bicalloso, los callos tipo cuernos, divergentes; lóbulos laterales transversalmente obovados; lóbulo medio transversalmente rectangular, con un seno amplio, apiculado. **Columna** recta, ascendente, delgada, 17 mm de largo. **Clinandrio** prominente, fimbriado. **Antera** suborbicular, 4-locular. **Polinios** 4, obovoides, lateralmente comprimidos; caudículas más cortas que los polinios, suaves y granulosas; viscidio viscoso, translúcido. **Rostelo** subapical, hendido. **Nectario** penetrando 1/2 del ovario, no ornamentado. **Cápsula** no vista.

Caespitose, epiphyte. **Stems** simple, reed-like, terete, slightly flexuose. **Leaves** 5-8, linear to lanceolate, conduplicate at the base, apex acute, slightly recurved. **Spathe** absent. **Inflorescence** apical, one at a time, sessile. **Floral bracts** much shorter than the ovary, triangular, acute. **Flowers** 1, resupinate, greenish-white. **Ovary** dilated near the apex, terete. **Sepals** spreading, glabrous, free, lanceolate, acute to rounded, margin revolute, 5-veined; the **dorsal** erect; the **laterals** wider. **Petals** adnate to the basal third of the column, linear, acute, membranaceous, 1-veined. **Lip** adnate to the column, flabellate to 3-lobed, margin entire; bicallose, the callus horn-like, divergent; lateral lobes transversely obovate, midlobe transversely rectangular, apiculate. **Column** straight, thin. **Clinandrium** prominent, fimbriate. **Anther** suborbicular, 4-celled. **Pollinia** 4, obovoid, laterally compressed; caudicles shorter than pollinia, soft and granulose; viscidium viscous, translucent. **Rostellum** subapical, slit. **Nectary** penetrating 1/2 of the ovary, unornamented. **Capsule** not seen.

DISTRIBUTION AND ECOLOGY: Known only from Costa Rica, on the Atlantic slopes, epiphyte, in wet forest, at 700-800 m altitude. Flowering in June.

RECOGNITION: This species can be recognized by the linear to lanceolate leaves, one at a time greenish-white flower, ovary dilated, lanceolate sepals, linear petals, adnate to the basal third of the column, 3-lobed, flabellate lip, fimbriate, prominent clinandrium. It is similar to *Epidendrum mantis-religiosae* which has narrowly ovate sepals, narrowly ligulate petals adnate to the basal of the column, ovate lip, erose, short clinandrium.

CONSERVATION STATUS: DD (data deficient).

ETYMOLOGY: Named in honor of Dr. John T. Atwood, director of Orchid Identification Center of the Marie Selby Botanical Gardens, Herbarium; who has spent several years of his life working on the orchids of Costa Rica.

