

1. **CLEISTES TAMBOANA** Dodson & Carnevali, sp. nov.

Similis *Cleistis roseae* Lindl., sed ab ea differt dimensionibus multo minoribus, labello oblongo-elliptico apice retuso, callo usque ad apicem labelli pertingente et anthera alata.

Orig. Coll: Ecuador: Esmeraldas: Km 18, Lita to San Lorenzo, 700 m, 26 March 1994, *Dodson & Carnevali 19231* (RPSC holotype, MO isotype).

OTHER SPECIMENS SEEN: Ecuador: Esmeraldas: Km 18, Lita to San Lorenzo, 700 m, 12 May 1990, *Dodson, A. Gentry, B. Boyle & D. Rubio 18248* (RPSC); same locality, *Hirtz 3458* (RPSC); same locality, *Hirtz 3502* (RPSC); same locality, km 15, 600 m, 9 September 1990, *Rubio & Quelal 711* (QCNE, MO).

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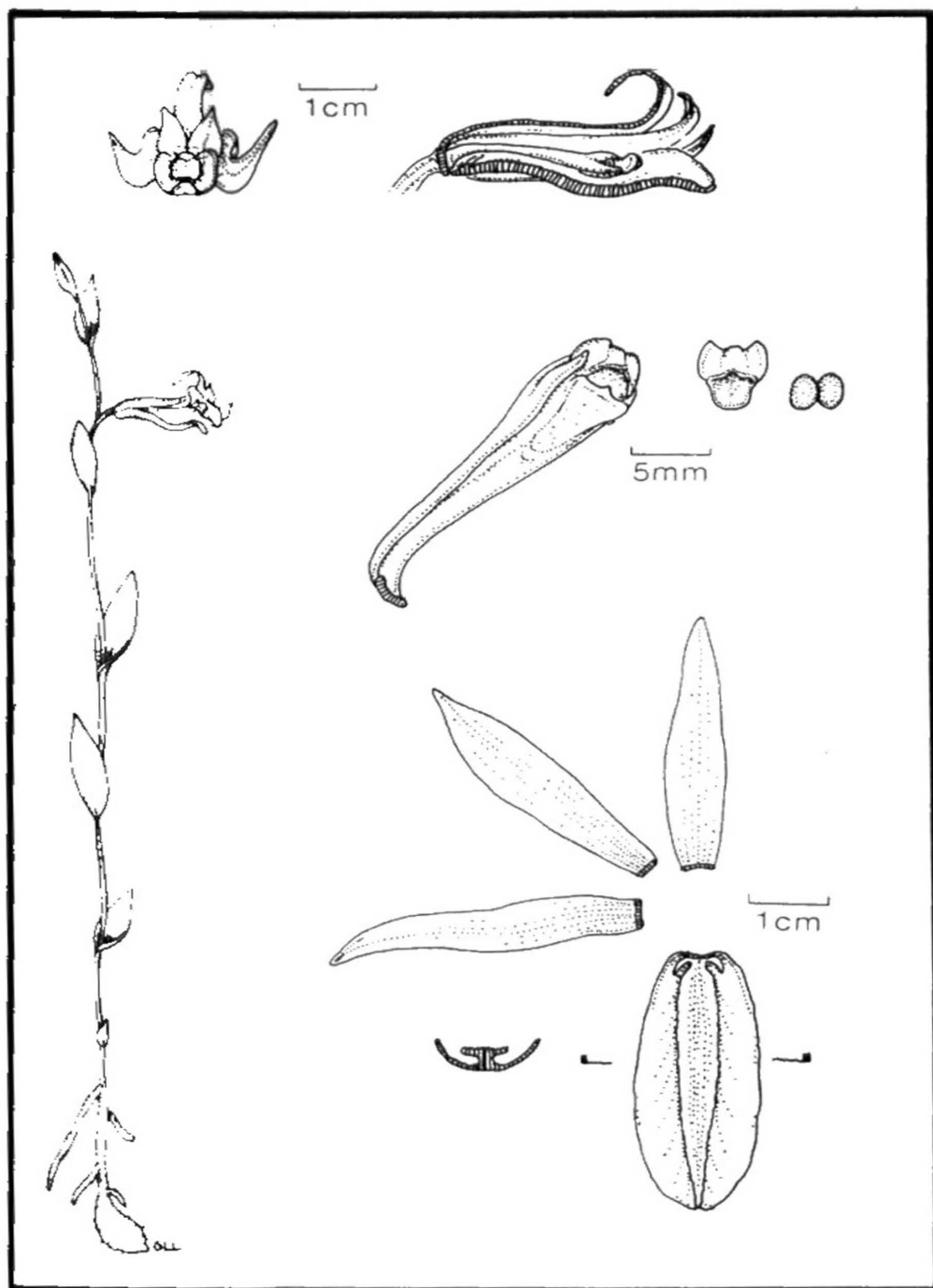
ETIMOLOGIA: Nombrado por la localidad en la cual se recolectó el ejemplar tipo.

ETYMOLOGY: Named for the locality from which the type was collected.

Plant terrestrial, medium in size for the genus, 40-65 cm tall. Leaves 4-8, the upper ones becoming floral bracts and reducing in size, oblong to oblong-lanceolate, acute, clasping the stem at the sessile base, to 6 x 2.5 cm. Flowers 3 to 8, the sepals green-pink, the petals rose-pink, the lip rose-pink with red veins at the apex the basal half green. Dorsal sepal oblong-ovate, acute, to 4 x 0.9 cm, recurved for the apical one-third; lateral sepals similar, oblong-elliptic, acute, to 4.3 x 0.8 cm, sharply recurved for the apical one-third; petals oblong-obovate, acuminate, held stiffly over the column and lip, lightly recurved toward the apex, to 4 x 1 cm; lip oblong-elliptic, tubular-involute in natural position, retuse at the apex, to 4.3 x 1.5 cm, the disc with a broad, central, narrowly ovate, flattened, median keel that is peltate in cross-section, with a pair of falcate lobes at the base; column slender, clavate, sulcate on the underside, with a pair of narrow wings at the apex on each side of the winged anther cap, the pollinia 2.

NOTES: This species is similar to *Cleistes rosea* Lindl but differs in its much smaller size, the oblong-elliptic lip with a retuse apex, the callus reaching the apex of the lip, and the winged anther cap. The flowers are produced in concert throughout the population every three to four days as in *sobralias*.

NOTAS: Esta especie es parecida a *Cleistes rosea* Lindl., pero se diferencia por su tamaño mucho más pequeño, el labelo oblongo-elíptico con el ápice retuso, el callo que llega hasta el ápice del labelo y la gorra de la antera alada. En las poblaciones de esta especie, las flores abren simultáneamente cada tres o cuatro días como en las *Sobralias*.



CLEISTES TAMBOANA

Dodson & Carnevali