

**Trichosalpinx dunstervillei** Luer, sp. nov.

Fig. 43.

Ety.: Named in honor of G.C.K. (Stalky) Dunsterville, noted author and illustrator of the orchids of Venezuela, who first illustrated this species.

Species haec *T. vaganti* (Garay & Dunst.) Luer similis, sed floribus majoribus cum mento grandi, labello arcuato tricalloso cum lobis basalibus differt.

**Plant** small to medium in size, epiphytic, prolific, branching, erect to suberect, up to 15 cm or more tall; roots slender at the base. Ramicauls ascending, slender, producing another ramical from the apex, 1-2 cm long above, up to 6 cm long below, enclosed by 2-4 lepanthiform sheaths with minutely scabrous ostia. **Leaf** erect, thickly coriaceous, semiterete, narrowly elliptical, acute, 2-4 cm long, 2.5-3 mm wide, 2-2.5 mm thick, contracted below into a petiole 1-2 mm long. **Inflorescence** a loose, simultaneously few-flowered raceme 4-5 cm long including the filiform peduncle 1-1.5 cm long, from near the apex of a ramicaul; floral bracts 1.5-2 mm long; pedicels 2-4 mm long; ovary 0.8 mm long; **sepals** yellow, glabrous, subcarinate, the dorsal sepal narrowly ovate, concave, acute, long-attenuate, 12-14 mm long, 2 mm wide, 3-veined, barely connate to the lateral sepals, the lateral sepals narrowly linear-triangular, oblique, acute, 12-13 mm long, 1 mm wide, 1-veined; **petals** translucent, elliptical, subacute, 2.3 mm long, 0.8 mm wide, 1-veined; **lip** yellow, elliptical-trilobed, arcuate, 3.2 mm long, 1.4 mm wide, the apex broadly rounded, the lateral lobes small, above the base, erect, oblique, obtuse, antrorse, the disc with a pair of tall carinae in the middle third from the lateral lobes, the sides deflexed from the basal lobes, with a thickened midvein down the center for two thirds the length, the base truncate, hinged to the column-foot; **column** terete, 1.5 mm long, with small, obtuse, apical wings, the foot 1 mm long, the anther apical, the stigma ventral.

VENEZUELA: Edo. Trujillo: epiphytic in cloud forest between Boconó and Guaramacal, alt. 2350 m, Jan. 1970, collector unknown, illustrated by G. C. K. *Dunsterville 1127* (Holotype: AMES), C. Luer illustr. 17187.

*Trichosalpinx dunstervillei* is known only from the type-collection from the Sierra Nevada de Venezuela. The accompanying description and illustration were made from alcoholized material at AMES. Dunsterville's illustration (*Dunsterville 1127*) was used to illustrate *T. vagans*.

*Trichosalpinx dunstervillei* differs from the Colombian *T. vagans* by the larger flowers, an acute mentum not seen in Dunsterville's illustration, and a larger, arcuate lip. The lateral lobes are above the base with the sides of the lip deflexed from them. Instead of a tall, central carina, the midvein is thickened into a low carina between the pair of tall, parallel carinae.

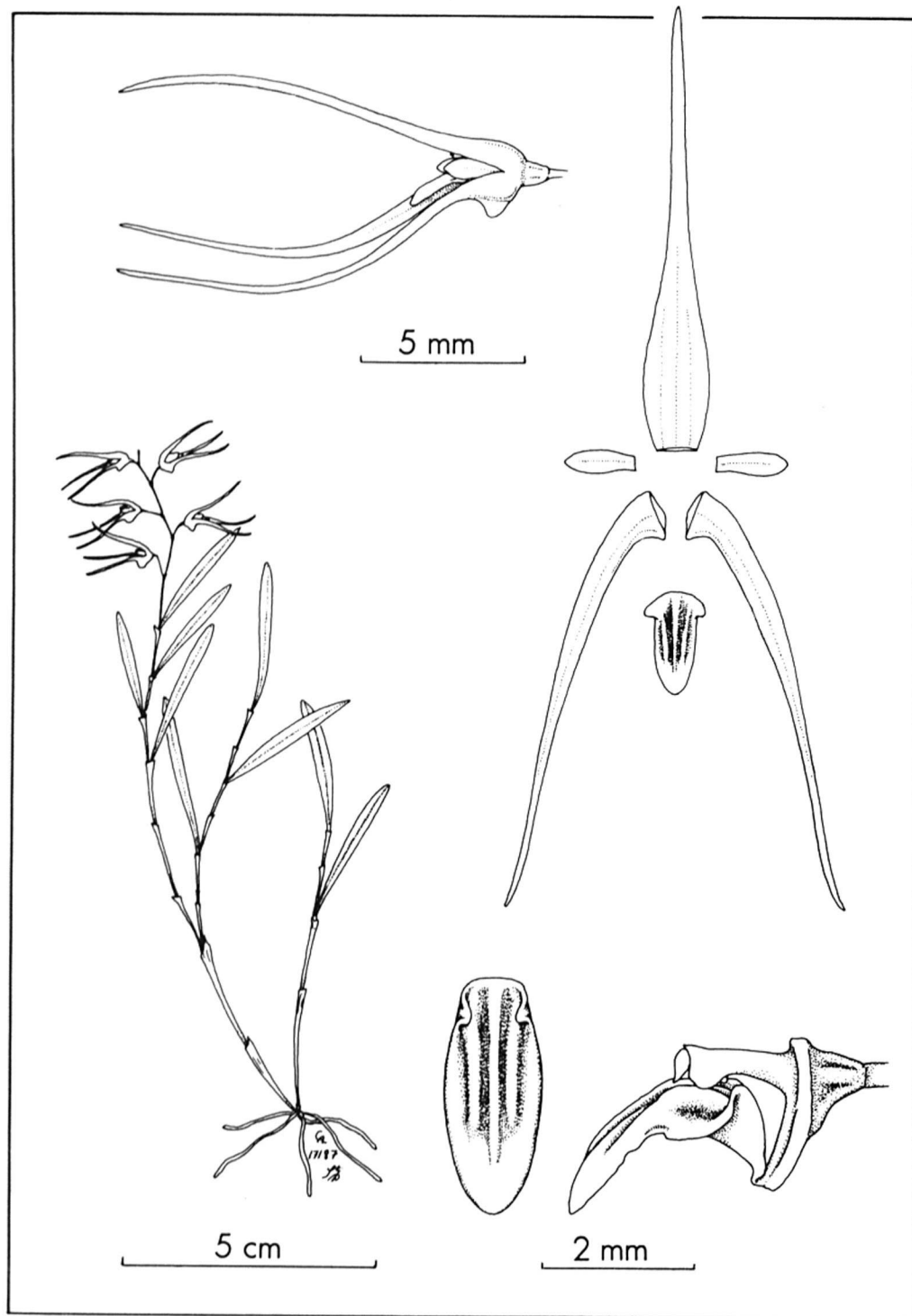


Fig. 43. *Trichosalpinx dunstervillei*