

**Trichosalpinx barbelifera** Luer & Vásquez, sp. nov.

Ety.: From the Latin *barbelifer*, "bearing barbels," referring to the long tails of the sepals.

Species haec *T. arbusculae* (Lindl.) Luer affinis, sed habitu repenti, sepalis rubrovittatis longissime caudatis differt.

**Plant** medium to large, epiphytic, long-repent, up to 40 cm long, branching; roots slender. Ramicauls erect, prolific, slender, 1-8.5 cm long, enclosed by 3-5 closely appressed, ribbed lepanthiform sheaths with minutely ciliate ostia. **Leaf** erect, coriaceous, elliptical, acute, 2-4 cm long including the petiole 5-8 mm long, 0.8-1.5 cm wide, cuneate below into the petiole. **Inflorescence** a loose, secund, simultaneously several-flowered raceme 8-15 cm long including the peduncle 2-4 cm long, from near the apex of a ramicaul; floral bracts 2-3 mm long; pedicels 5-10 mm long; ovary 1 mm long; **sepals** white with purple stripes along the veins, glabrous, carinate, the dorsal sepal narrowly ovate, concave basally, acute, long-attenuate, 20-27 mm long with the tail yellow-green, 2.25 mm wide above the base, 3-veined, the lateral sepals free, narrowly ovate-sigmoid, oblique, acute, long-attenuate, 20-27 mm long, 1.5 mm wide, near the base, 2-veined; **petals** elliptical, acute, 3 mm long, 1.25 mm wide, 1-veined; **lip** yellow, elliptical-ovate, arcuate, 3.5 mm long, 1 mm wide, the apex narrowly obtuse to rounded, the disc with a pair of longitudinal calli, the base subtruncate, hinged to the column-foot; **column** stout, 1.5 mm long, with broad, prominent wings above the middle, the foot 2 mm long, the anther subapical, the stigma ventral.

BOLIVIA: Dept. of La Paz: Nor Yungas, epiphytic in steep forest east of Chuspipata, alt. 2750 m, 24 Nov. 1992, C. Luer, J. Luer, R. Vásquez, D. Ric & W. Teague 16489 (Holotype: MO). Dept. of Cochabamba: Chapare, northeast of Cochabamba toward Villa Tunari, alt. 2600 m, 30 Nov. 1978, C. Luer, J. Luer, F. Fuchs et al. 3586 (SEL).

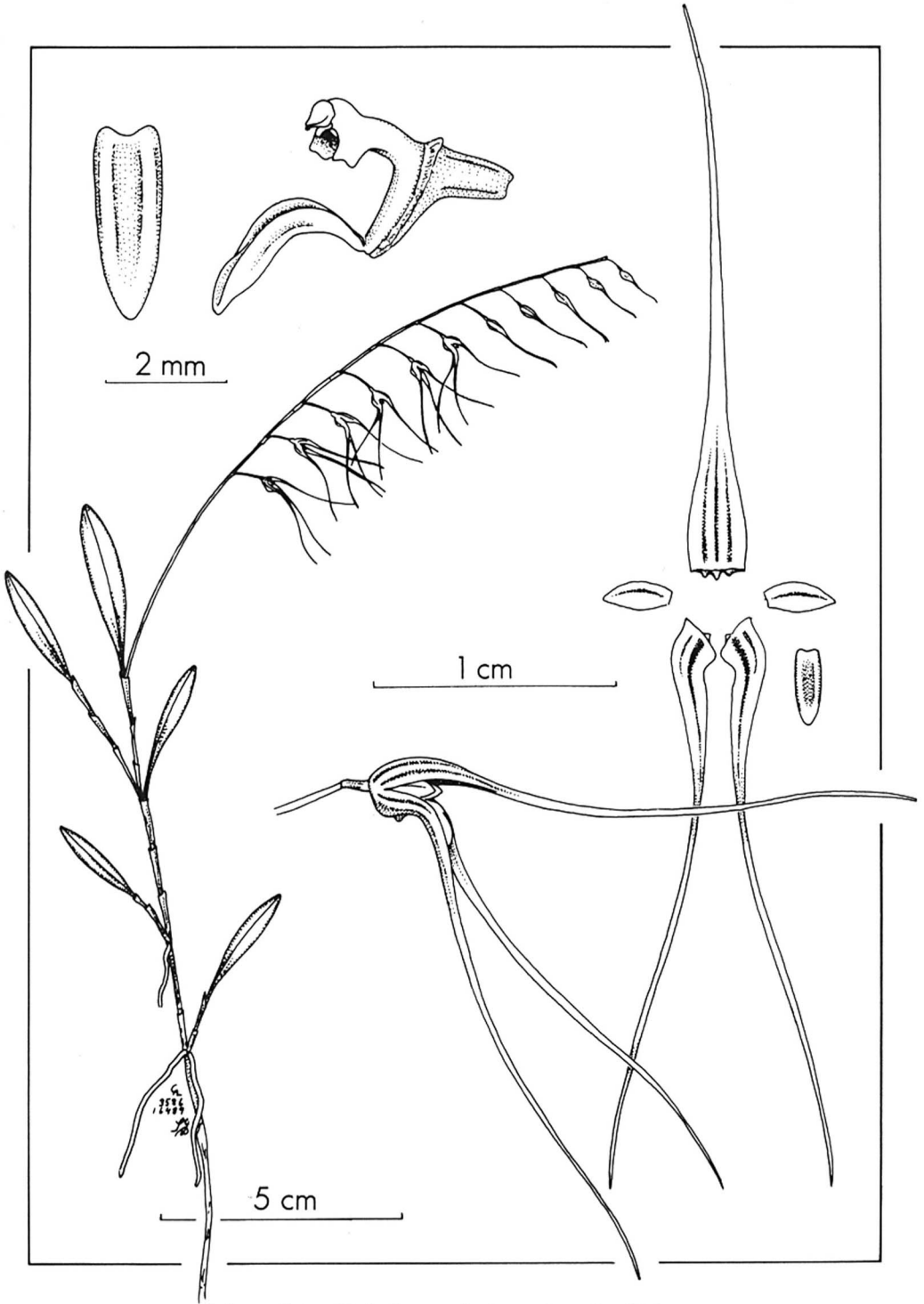


Fig. 31. *Trichosalpinx barbelifera*