

Trichosalpinx weneri Luer, sp. nov.

Ety.: Named for Florian Werner, University of Bayreuth, who collected this species at the Estación Científica San Francisco in the province of Zamora-Chinchipe.

Species haec *T. hirtzii* Luer affinis, sed racemo brevior, flore magnifico, labelli lobo antico anguste lineari ciliatis differt.

Plant small, epiphytic, pendent; roots slender at the base of the ramicaul. Ramicauls pendent, slender, producing another ramical from the apex, 1-3 cm long, enclosed by 3 closely appressed, microscopically scabrous, lepanthiform sheaths. **Leaf** descending, thickly coriaceous, narrowly elliptical, fusiform, acute, 28-30 mm long, 4 mm wide, 3 mm thick, cuneate below into a petiole 1-2 mm long. **Inflorescence** a congested, simultaneously 3- to 4-flowered raceme, 6-8 mm long, including the filiform peduncle ca. 2 mm long, from near the apex of the ramicaul; floral bracts 1 mm long; pedicels 1 mm long; ovary 0.8 mm long; **sepals** translucent dark purple, glabrous, ovate, with subacute, slightly thickened apices, the dorsal sepal 3.5 mm long, 1.75 mm wide, 3-veined, connate to the lateral sepals for 0.5 mm, the lateral sepals 4 mm long, 1.2 mm wide, 1-veined, connate 1 mm; **petals** dark purple, ovate, subacute, 2.75 mm long, 1.2 mm wide, 1-veined; **lip** dark purple, 3-lobed, 3 mm long, 2 mm wide expanded, the apical lobe narrowly linear, ciliate, retuse at the tip, 1 mm long, the lateral lobes erect, broadly rounded with a low, curved callus above the middle, the disc with a low, longitudinal, midline callus, the base broadly truncate, hinged to the column-foot; **column** semiterete, 1.2 mm long, the anther apical, the stigma ventral.

ECUADOR: **Zamora-Chinchipe**: San Francisco station between Loja and Zamora, alt. 2200 m, 9 June 2000, *F. Werner 12017* (Holotype: MO), C. Luer illustr. 19378.

This species is closely related to *T. hirtzii* Luer. Both species are characterized by long, flexible, pendent chains of prolific ramicauls with narrowly fusiform leaves about as long as the ramicauls. The purple flower of *T. weneri* is produced simultaneously in a short, congested raceme. The lateral sepals form a deep, rounded mentum with an elongated column-foot; the petals are large but simple; and the lip is also deeply trilobed. The anterior lobe is narrowly linear, ciliate, and retuse at the tip. The lateral lobes are broadly rounded and erect.

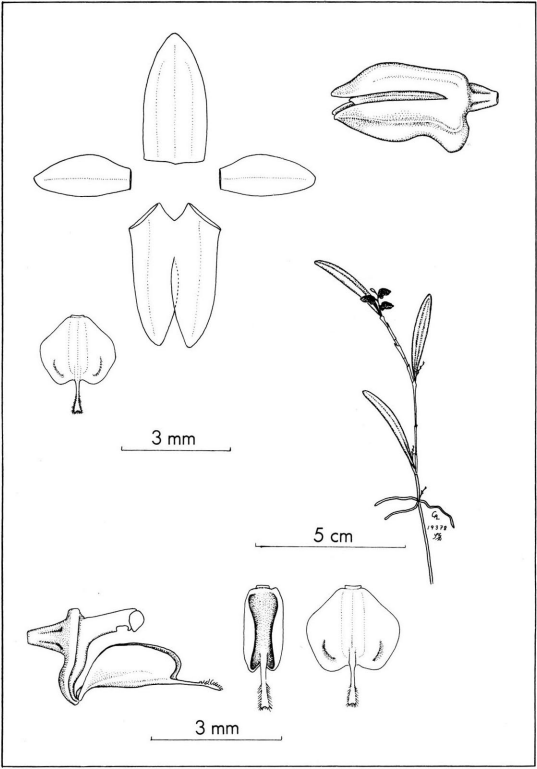


Fig. 30. *Trichosalpinx wernerii*