

Trichopilia gracilis C. Schweinfurth sp. nov.

Herba epiphytica, mediocris. Rhizoma abbreviatum. Pseudobulbi numerosi, congesti, anguste cylindracei, unifoliati. Folium lineari-oblongum vel elliptico-oblongum, acutum, infra breviter angustatum. Inflorescentia basalis, suberecta, laxissime bi- vel triflora, quam folium brevior. Flos minor, campanulatus, albus. Sepala longitudinaliter concava, crassiora. Sepalum dorsale lineare vel lanceolato-lineare, acuminatum. Sepala lateralia libera, linearia vel lanceolato-lineararia, leviter decurva, longe acuminata, quam sepalum dorsale angustiora. Petala lanceolato-lineararia, leviter decurva, acuminata, sepalis paulo breviora. Labellum circa columnam infra convolutum, expansum oblongo-obovatum, apice late rotundatum, utrinque supra leviter contractum. Columna perbrevis, apice erecto denticulato.

Plant epiphytic, medium-sized for the genus, about 29.5 cm. or less high. Rhizome abbreviated. Roots fibrous, rather stout, glabrous. Pseudobulbs caespitose, numerous, narrowly cylindric, sometimes more or less arcuate, unifoliate at the apex, 5–11 cm. long and up to 9 mm. wide, striate-sulcate, concealed at the base by a few firm evanescent sheaths. Leaf linear-oblong to elliptic-oblong, acute, shortly narrowed below to a sessile or shortly petioled complicate or conduplicate base, subcoriaceous,

11.7–18 cm. long, 1.4–2.1 cm. wide, with the mid-nerve sulcate above and prominently exserted beneath. Inflorescence basal, suberect, very loosely 2- to 3-flowered above, shorter than the leaf or rarely (including the terminal flower) subequaling the leaf; peduncle slender, about 6.5–15 cm. long, with three close tubular separated sheaths; floral bracts closely clasping and much shorter than the pedicellate ovary, apparently ovate-oblong when expanded. Pedicellate ovary up to 4.5 cm. long. Flowers rather small for the genus, campanulate, white with orange on the throat of the lip. Sepals rather fleshy, longitudinally concave. Dorsal sepal linear or lanceolate-linear, acuminate, 5- or 6-nerved, about 2.6–3.2 cm. long and 4 mm. wide when expanded. Lateral sepals free, obliquely linear or lanceolate-linear, lightly decurved, long-acuminate with a conduplicate apex, 3- to 5-nerved, about 2.6–3.3 cm. long and 3 mm. wide when expanded. Petals obliquely lanceolate-linear, more or less lightly decurved, acuminate with a subconduplicate apex, 3-nerved (5-nerved near the base), about 2.5–3.1 cm. long and 3.5–4 mm. wide. Lip slightly shorter than the sepals with the lower portion convolute around the column in natural position, oblong-obovate, broadly rounded in front, lightly contracted on each side above the middle, cuneate below, with the central line below adnate to the lower half of the column, about 2.5–2.8 cm. long and 1.6–1.8 cm. wide near the apex when expanded; disc with a short more or less distinct fleshy keel below the middle. Column short, stout, slightly dilated upward, terminating in an upright somewhat bilobed denticulate clinandrium, about 9 mm. high at the back.

This species is allied to *Trichopilia juninensis* C. Schweinf., but differs in having smaller flowers, free lateral sepals and a simple lip which lacks the lateral keels

of that species. It differs from *T. fragrans* (Lindl.) Reichb.f. in having much narrower pseudobulbs and leaves and smaller flowers with a simple lip.

JUNÍN: Prov. of Tarma, Agua Dulce, at 1800 meters altitude, epiphyte in forest, pseudobulbs, leaves and peduncle dark green, March 15, 1948, *F. Woytkowski 35473* (TYPE in Herb. Univ. Calif.; ISOTYPE in Herb. Ames No. 65449); same locality, at 1900 meters altitude, epiphyte in shady forest, mid-nerve of leaf yellowish, lip with seven orange spots in the center, March 8, 1948, *F. Woytkowski 35428*.

TRICHOPILIA
gracilis
C. Schweinf.

