

Telipogon austroperuvianus Nauray & A. Galán, **sp. nov.**

Type: PERU. **Cusco:** Calca, Lares, Mant'o, 2600 m, Jul. 2001, *W. Nauray & G. Moretz 527* (holotype, CUZ; isotype, HGI).

Illustrations: Fig. 4 and 3b.

Speciei Telipogon semipictus Rchb. fil. ex Kraenzl. *similis, ab ea vero praesertim differens floribus maioribus atque labello circiter 13-nervato.*

Plant caespitose, epiphytic, about 15 cm tall. Stem to 3 cm, with few basal leaves. Leaves 9×1.5 cm, oblanceolate, acuminate, margin crenulate, sheath articulated with the blade. Inflorescence and peduncle 12 cm long; peduncle flexuous, alate; raceme with 2-9 flowers, usually 2-3 open at a time; floral bract 1.2×0.6 cm, ovate-triangular, acuminate, dorsally carinate. Flowers 3-3.5 cm in diameter, normally resupinate; pedicellate ovary 30-35 mm long, trialate; sepals 18×7 mm, yellowish green, ovate, acuminate, dorsally carinate, 3-nerved; petals 22×20 mm, whitish turning yellow toward the border with longitudinal purplish red veins and some transverse lines in the inferior half, basal surface purplish red, broadly rhombic, acuminate, basal margin denticulate, 9-nerved, basally hirsute; lip 22×26 mm, similar in colour to the petals but longitudinal purplish red veins wider and longer, transversely obovate, acuminate, basal margin denticulate, 13-nerved, hirsute, swollen in the base. Column 4×4 mm, dark purple, cylindric, with three tufts of bristles around the anther (two lateral and one on top); bristles to 3 mm long, dark purple, flexuous, acuminate or caudate apically; stigma circular; anther 2×2.5 mm, hyaline purple, cordiform; stipe 3 mm long, hyaline purple; viscidium 1 mm long, uncinat; pollinia 4, bright yellow, in two dissimilar pairs, ovoid, larger pair 1.4×0.7 mm.

Etymology: The name refers to southern Peru.

Distribution and ecology: *Telipogon austroperuvianus* is found in cloud forest at 2600 m; it flowers between March and July.

Additional specimens examined (paratypes)

PERU. **Cusco:** La Convención, Quellomayo-Lucumayo, 2450 m, 26-VII-1944, *Vargas 4540* (CUZ). Calca, Lares, Mant'o, Km 84, 2040 m, 19-VI-1964, *Vargas 15618* (CUZ). Calca, Lares, Valle de Lares, Mant'o, 2100 m, III-2002, *W. Farfán & G. Moretz 277* (CUZ).

Observations: *Telipogon austroperuvianus* is distinguished by the petals which are broadly rhombic, 9-nerved, and the lip transversely obovate, and 13-nerved. It is similar to some species from northern South America, such as *T. semipictus* from Colombia and *T. andicola* Rchb. f. from Colombia, Ecuador and Venezuela (holotype W!, isotype K!). The specimens cited above have been misidentified as *T. semipictus*, but examination of the holotype (W!) shows it to be a distinct species from which this new species differs in its larger flowers, fewer nerves on the petals and lip, and the lip with longer and thicker red purplish veins. From *T. andicola* it differs in its larger flowers, more nerves on the petals and the lip, and the coloured veins of the petals that do not reach the distal half. *Telipogon austroperuvianus* is also related to the Ecuadorian *T. lehmannii* Schltr. (lectotype K!), but it differs in the size of the flowers and the characters from the petals, and the lip. According to Schlechter (1920) *T. lehmannii* has petals 1.7×1.4 cm, 11-nerved, and the lip 1.65×1.8 cm, 19-nerved.