

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

Type: PERU. **Cusco:** La Convención, Carrizales, 13° 06' 46" S, 72° 21' 31" W, 3550 m, 11 Apr. 2007, W. Nauray & W. Farfán 3761 (holotype, CUZ; isotypes, HGI, MA, MOL).

Illustrations: Fig. 9 and 10a.

Speciei Telipogon tessellatus Lindl. *similis, ab ea vero praesertim differens labello emarginato, callo trilobo columnaue setarum tribus fasciculis praedita.*

Plant caespitose, epiphytic, about 23 cm tall. Stem to 4 cm, with few basal leaves. Leaves 9 × 2 cm, oblanceolate to obovate-lanceolate, acute, sheath articulated with the blade. Inflorescence and peduncle to 12 cm long; the peduncle, alate, erect; raceme with 2-5 flowers, usually 2-4 open at a time; floral bract 1.5 × 1.2 cm, ovate-triangular, acuminate, dorsally carinate. Flowers 3.5-4.5 cm in diameter, normally resupinate; pedicellate ovary 35-40 mm long, tri-lobate; sepals 20 × 10 mm, translucent yellowish green with longitudinal purple veins and oblique purple lines, ovate, acuminate, dorsally keeled, 3-nerved; petals 22 × 22 mm, yellow, with purple reticulated veins colourless toward the margin, broadly rhombic, acute, 9-nerved also cross-sectional nerves; lip 22 × 28-30 mm, yellow, similar in colour to the petals, transversely elliptic, emarginate, 17-nerved and with cross nerves; callus 8 × 7 mm, dark purple, trilobulate, lateral lobes quadrangular and mid lobe ovate-triangular, sharply convex, hispid, the apical half free from the lip. Column, 3 × 4 mm, dark purple, with three tufts of bristles (two lateral and one at the top) and the rest of the surface pubescent; bristles to 3.5 mm long, dark purple, rigid, acuminate or caudate apically; stigma trapezoidal; anther 1.5 × 2 mm, translucent purple, cordiform; stipe 1.5 mm long, hyaline; viscidium 0.7 mm long, purple hyaline, uncinat; pollinia 4, bright yellow, in two dissimilar pairs, ovoid, larger pair 1.5 × 0.7 mm.

Etymology: Named in honor of Marlene Mamani Solorzano, botanist of the Universidad Nacional San Antonio Abad del Cusco, scientific researcher of the Peruvian flora and vegetation.

Distribution and ecology: *Telipogon marleneae* is found in cloud forest (3550 m) on *Polylepis pauta* Hieron. (Rosaceae). It flowers in April.

Observations: *Telipogon marleneae* is similar to Andean species with reticulated veins in the petals and the lip. It differs from the Ecuadorian *T. tessellatus* Lindl. (holotype K!) in the emarginate lip, the callus trilobed and sharply convex, and the column with three tufts of bristles. *Telipogon marleneae* is related to *T. hutchisonii* Dodson & D.E. Benn. from northern Peru and Ecuador, but according to Dodson & Bennett (1989), in *T. hutchisonii*, the lip is 13 to 15-nerved, the callus is cordiform and unlobed, and the column is covered with bristles forming a hood. Other similar species are *T. thomasi* Dodson & R. Escobar, and *T. octavioi* Dodson & R. Escobar. The Ecuadorian *T. thomasi* has the petals and the lip with double marked longitudinal veins, the callus cordiform slightly convex, and the column crowned by bristles without differentiated tufts.

On the other hand, *T. octavioi* has smaller flowers, and the callus tongue-like, and unlobed.