

Telipogon casadevalliae Nauray, A. Galán & M. Mamani, **sp. nov.**

Type: PERU. **Cusco:** Paucartambo, Kosñipata, Trocha Unión, Parque Nacional del Manu, 13° 06' 29" S, 71° 35' 35" W, 2800 m, 24 Jan. 2007, M. Mamani 867 (holotype, CUZ; isotypes, HGI, MOL).

Illustrations: Fig. 5 and 3c.

Speciei Telipogon machupicchuensis Nauray & Christenson *similis, ab ea vero praesertim differens labello late ovato, callo convexo, carinato, et columna setis longis atque recurvatis praedita.*

Plant caulescent, terrestrial or epiphytic, about 30 cm tall. Stem 20 cm long, erect, leafy throughout. Leaves 4 × 1 cm, ovate-lanceolate to oblanceolate, acuminate, margin ciliolate, sheath not articulated with the blade. Inflorescence and peduncle to 15 cm long; peduncle angled, flexuous; raceme with 3-6 flowers, usually one open at a time; floral bract ovate-triangular, acuminate, conduplicate, 1.1 × 0.6 cm. Flowers 2-2.5 cm in diameter, normally not resupinate; pedicellate ovary tricarinate, 8-10 mm long; sepals 11 × 5 mm, lime green with dark lime green veins, ovate, apiculate, concave, 3-nerved; petals 15 ×

11 mm, golden yellow with longitudinal purple veins, broadly ovate, acute, basal margin ciliolate, 7-nerved; lip 15 × 12 mm, similar in colour to the petals, broadly ovate, obtuse, basal margin ciliolate, 7-nerved; callus 5 × 4 mm, purple, broadly Y-shaped, velutinous, convex, with a narrow Y-shaped ridge, the apical half free from the lip. Column 2.5-3 × 3-4 mm, purple, with two lateral tufts of bristles and hirsute on top; bristles to 2 mm long, pale purple, recurved, acuminate or caudate apically; stigma quadrangular; anther 1.5 × 2 mm, purple hyaline, cordiform; stipe to 1.2 mm long, purple hyaline; viscidium 0.6 mm long, orange hyaline, uncinata; pollinia 4, bright yellow, in two dissimilar pairs, ovoid, larger pair 1.2 × 0.2 mm.

Etymology: Named in honor of Dr. Margarida Casadevall Masso, Professor at the University of Gerona.

Distribution and ecology: *Telipogon casadevalliae* grows between 2700 and 3000 m elevation in cloud forests, on *Prunus* sp. (Rosaceae), *Weinmannia bangii* Rusby and *W. microphylla* Kunth (Cunoniaceae). It flowers between January and March.

Additional specimen examined (paratype)

PERU. **Cusco:** Paucartambo, Pillahuata, Manu Biosphere Reserve, 3000 m, III-2000, W. Farfán 197 (CUZ).

Observations: *Telipogon casadevalliae* is close to *T. machupicchuensis* Nauray & Christenson (holotype CUZ!) but differs to the lip broadly ovate, the convex, Y-shaped, keeled callus, and the column with two lateral tufts of recurved bristles.