

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

Type: PERU. **Cusco:** Urubamba, Machu Picchu, Mesada, 3450 m, 12 Mar. 2002, *N. Salinas, W. Farfán, K. García & E. Gutiérrez* MP-110 (holotype, CUZ).

Illustrations: Fig. 6 and 3d.

Speciei Telipogon tessellatus Lindl. *similis, ab ea vero praesertim differens callo convexo et agittato stigmatique trilobo.*

Plant caespitose, scrambling, epiphytic, about 20 cm tall. Stem to 5 cm, with few basal leaves. Leaves 6-11 × 1.5 cm, oblanceolate to lanceolate, acuminate, sheath articulated with the blade. Inflorescence and peduncle to 10 cm long; the peduncle compressed, alate, erect to recurved; raceme with 1-3 flowers, usually one open at a time; floral bract 1.8 × 0.8 cm, ovate-triangular, acuminate, dorsally carinate. Flowers 4-5.3 cm in diameter, resupinate; pedicellate ovary 5 cm long, tri-lobate; sepals 22 × 10 mm, translucent lime green with dark lime green veins, ovate, acuminate, dorsally keeled, 3-nerved; petals 25 × 20 mm, cream yellow, with pale purple reticulated veins becoming

colorless toward the margin, broadly rhombic, acute, basal margin ciliolate, 11 to 13-nerved also with cross veins in the basal half; lip 25×28 mm, similar in colour to the petals and with an irregular purple spot under the callus, subcircular, obtuse, basal margin ciliolate, 19 to 21-nerved with cross veins in the basal half; callus 8×6 mm, dark purple, sagittate, hirsute, convex in the front, the apical half free from the lip. Column 3×5 mm, dark purple, with three ill-differentiated groups of bristles; bristles to 3.5 mm long, dark purple, rigid, acuminate or cuculate apically; stigma trilobulate, lateral lobes auriculate and mid lobe circular; anther 2.5×3 mm, hyaline purple, cordiform; stipe to 2.5 mm long, hyaline; viscidium 0.8 mm long, uncinat; pollinia 4, bright yellow, in two dissimilar pairs, ovoid, larger pair 2×0.9 mm.

Etymology: Named in honor of William Farfán Ríos, biologist of the Universidad San Antonio Abad del Cusco, scientific researcher of Peruvian orchids.

Distribution and ecology: *Telipogon farfanii* grows between 3450 and 3500 m elevation in cloud forests, on *Polylepis pauta* Hieron (Rosaceae) where it flowers between March and July.

Additional specimen examined (paratype)

PERU. **Cusco**: Urubamba, Machu Picchu, Incatambo, 3500 m, VII-2001, D. Moscoso, N. Salinas, W. Nauray, W. Farfán, C. Uchima & E. Gutiérrez MP-33 (HGI).

Observations: *Telipogon farfanii* differs from *T. tessellatus* Lindl. (holotype K!) in its larger flowers, and sagittate and convex callus. In *T. tessellatus*, the petals are ca. 1.2×1.2 cm, the lip ca. 1.2×2 cm, and the callus is pad-shaped. *Telipogon farfanii* is similar to the Ecuadorian species *T. jimburensis* Dodson & R. Escobar but is distinguished by the form of the callus and stigma. *Telipogon jimburensis* has a trilobed callus, and unlobed stigma; in addition, the column has an upturned apicule under the stigma. *Telipogon octavioi* Dodson & R. Escobar is similar to *T. farfanii*, but this species from Colombia and Ecuador has smaller flowers, the petals 9-nerved, the lip 11 to 13-nerved, and a tongue-like callus.