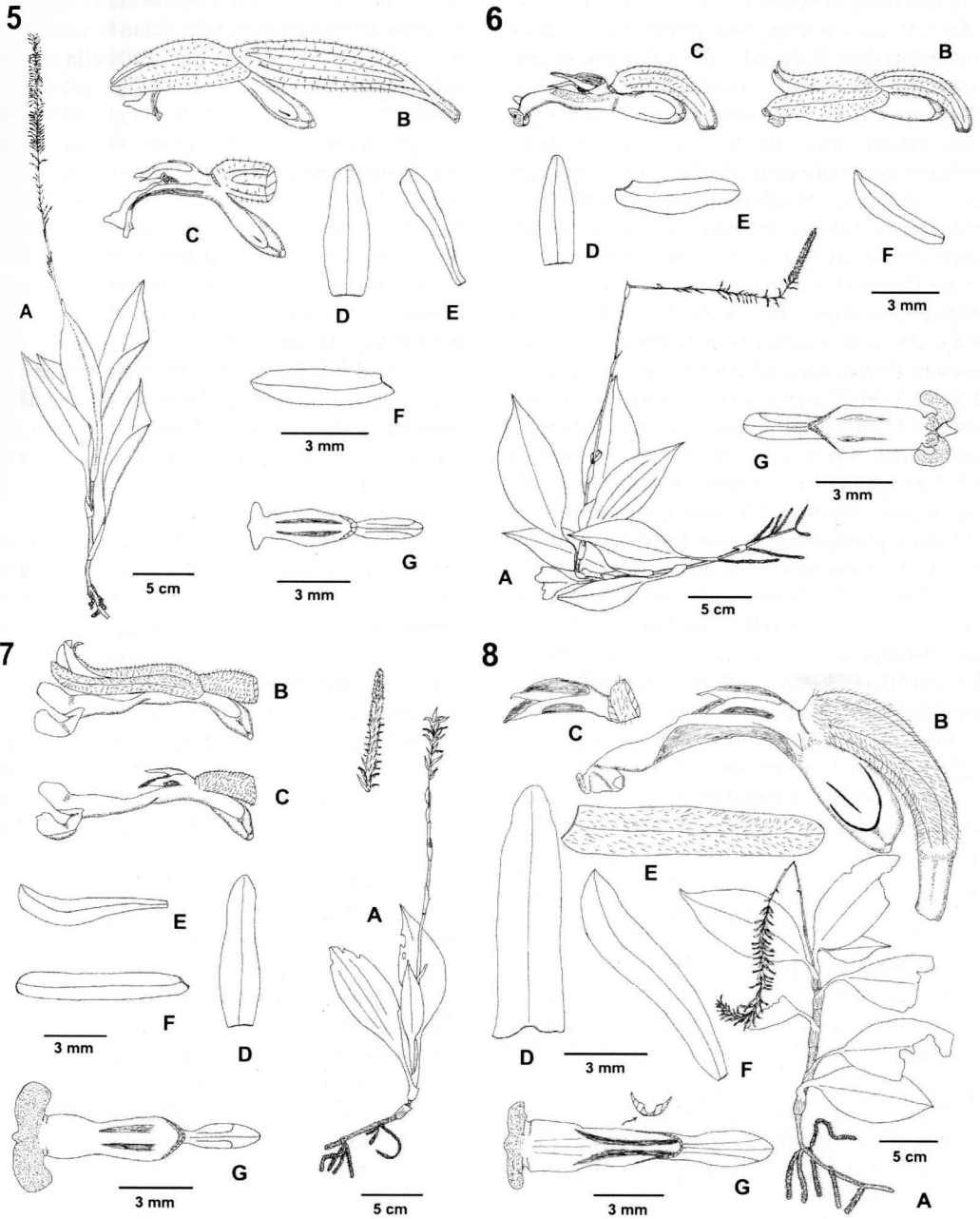


Microchilus astilleroensis Ormerod, *sp. nov.*
TYPE: PERU. Junín: Prov. Jauja, Astilleros, near Monobamba, 2020 m, 10 September 2001, M. Weigend, N. Diane, M. Gottschling, H. H. Hilger & J. Skrabel 5682 (Holotype: MSB). Fig. 6.

Species nova subsimilis M. lechleri Ormerod sed calcar floribus brevioribus (2.5 vs. 4.0–4.3 mm) et hypochilo labello latioribus (1.90–1.75 vs. 1.25–1.50 mm) differt.



FIGURES 5–8. 5, *Microchilus aspidogynoides* Ormerod. A, plant; B, flower; C, flower minus tepals; D, dorsal sepal; E, petal; F, lateral sepal; G, labellum and spur. 6, *Microchilus astilleroensis* Ormerod. A, plant; B, flower; C, flower minus tepals; D, dorsal sepal; E, lateral sepal; F, petal; G, labellum and spur. 7, *Microchilus campanensis* Ormerod. A, plant (inflorescence apex from isotype); B, flower; C, flower minus tepals; D, dorsal sepal; E, petal; F, lateral sepal; G, labellum and spur. 8, *Microchilus canaliculatus* Ormerod. A, plant; B, flower minus tepals; C, column; D, dorsal sepal; E, lateral sepal; F, petal; G, labellum and spur (cross-section of hypochile arrowed). All drawn from holotype.

Erect terrestrial *herb*. *Rhizome* fragment terete, rooting at nodes, 4.1 × 0.3–0.4 cm; internodes 1.9–2.2 cm long. *Stem* terete, rooting from lower 2 nodes, 8-leaved, 13.7 × 0.4 cm; internodes 2.4–3.0 cm long. *Leaves* obliquely oblong-elliptic to elliptic, subacuminate, 9–13 × 2.9–4.6 cm; petiole and sheath 3.0–3.3 cm long. *Inflorescence* pubescent, 40.7 cm long; peduncle 29.5 cm long; sheathing bracts 8, upper 3–4 bractiform, 1.0–1.8 cm long; rachis subdensely many-flowered, 11.2 cm long; floral bracts ovate-lanceolate, subacuminate, 7–8 × 3 mm. Pedicellate ovary subcylindric, pubescent, 5 mm long. *Flowers* externally pubescent, color not known. Dorsal sepal oblong-lanceolate, obtuse, 4.8 × 1.3 mm. Lateral sepals obliquely oblong, obtuse, 5.5 × 1.5 mm. Petals ligulate-oblongate, acute, 4.8 × 1.1 mm. *Labellum* spurred, trilobed, joined to column for 1.2 mm; spur oblongoid, obtuse, 2.5 mm long; hypochile oblong-rectangular, 3.5 mm long, base ca. 1.9 mm wide, narrowing gradually to ca. 1.75 mm wide, apex 0.8–0.9 mm wide; epichile anchoriform, subtrilobed, papillose-pubescent, 1.2 × 3.0 mm, lobules oblong to ligulate, falcate, obtuse, 1.5 × 0.50–0.75 mm, midlobule triangular, 0.75 mm long. *Column* 2.9 mm long.

Habitat and distribution: Peru, much disturbed remnant of primary rainforest, 2020 m.

This species is somewhat similar to its Peruvian congener *Microchilus lechleri* Ormerod, but it differs in its flowers having a shorter (2.5 vs. 4.0–4.3 mm) spur and a wider (1.90–1.75 vs. 1.25–1.50 mm) labellum hypochile.