

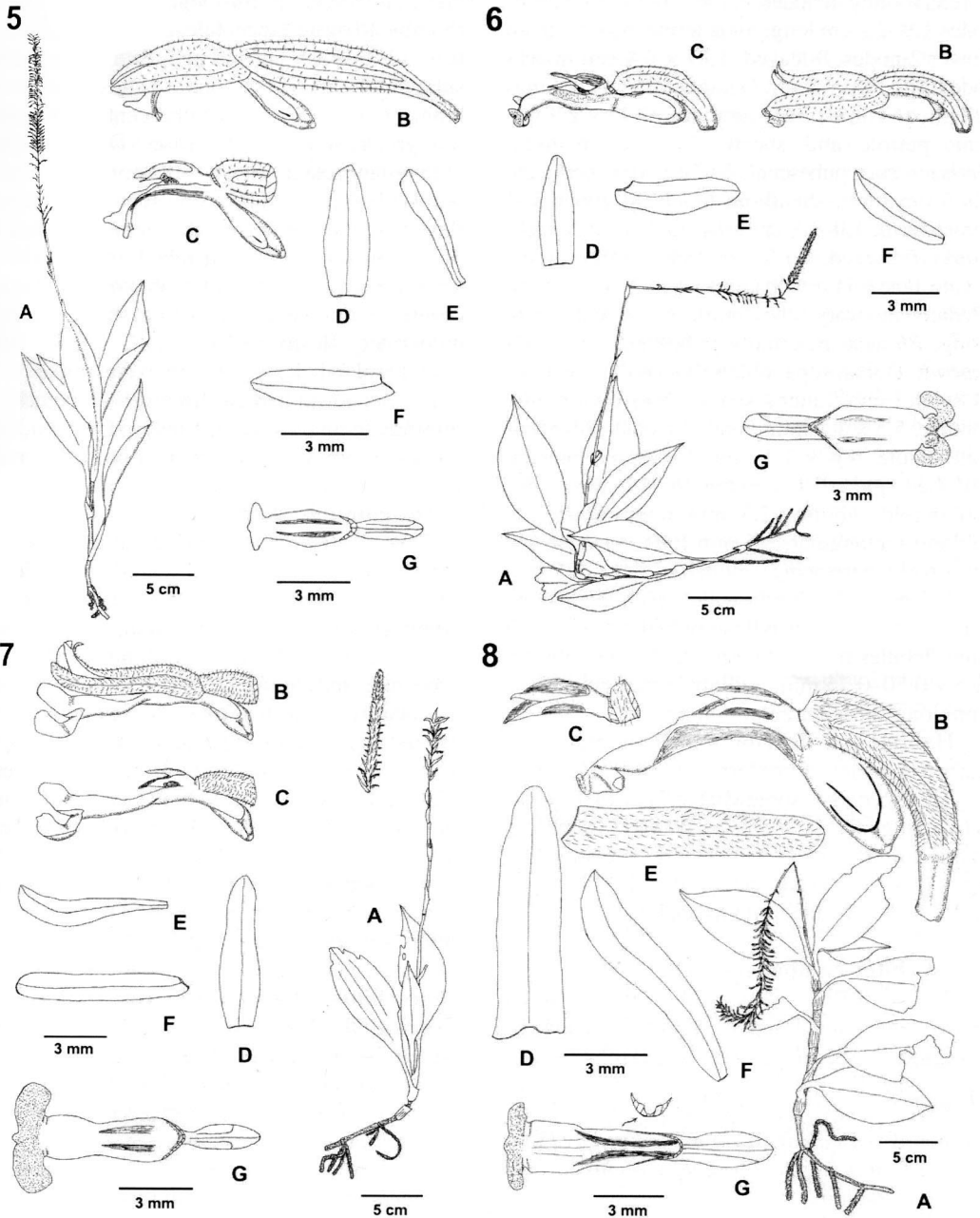
Microchilus aspidogynoides Ormerod, *sp. nov.*
 TYPE: COLOMBIA. Valle: W Andes from Cali, Las Juntas del Dagua, 200–500 m, May [possibly in 1891], *F. C. Lehmann s.n.* (Holotype: K). Fig. 5.

Species nova subsimilis M. dolichostachys (Schltr.) Ormerod *sed foliis longioribus (11–12 vs. 5–8 cm), inflorescentiis densifloris (non laxe multifloris), calcar floribus longioribus (2.8 vs. 1.5 mm) et epichilo labello subrhombicis (non transverse ligulatis) differt.*

Erect terrestrial herb. *Rhizome* fragment terete, rooting at nodes, 3.0 × 0.2–0.3 cm; internodes 1.3–1.7 cm long. *Stem* terete, 5-leaved, 11.2 × 0.2 cm; internodes 2.7–3.7 cm long. *Leaves* obliquely oblong to oblong-elliptic, subacuminate, 11–12 × 3.0–3.6 cm; petiole and sheath 3.5–4.0 cm long. *Inflorescence* pubescent, 35.2 cm long; peduncle 18.7 cm long; sheathing bracts 7 or more, bractiform, 1.2–1.6 cm long; rachis densely many-flowered, 16.5 cm long; floral bracts lanceolate, acute, 9.0–11.5 × 1.5–2.0 mm. Pedicellate ovary, subcylindric-fusiform, pubescent, 6 mm long. *Flowers* externally pubescent, color not known. Dorsal sepal oblong-lanceolate, obtuse, 3.95 × 1.4 mm. Lateral sepals obliquely oblong, obtuse, 4.3 × 1.1 mm. Petals ligulate-oblongate, subacute, 3.95 × 0.95 mm. *Labellum* spurred, trilobed, joined to column for ca. 1 mm; spur narrowly oblongoid-subclavate, subobtuse, 2.8 mm long; hypochile subrhombic-cuneate, 2.7 mm long, basally 1.2 mm wide, 1.5 mm wide below middle, apex 0.8 mm wide; epichile subrhombic, 0.7 × 1.9 mm. *Column* 2.3 mm long.

Habitat and distribution: Colombia, humid forests, 200–500 m.

This species is somewhat similar to its Colombian congener *Microchilus dolichostachys* (Schltr.) Ormerod except it has longer (11–12 vs. 5–8 cm) leaves, a densely (not laxly), many-flowered inflorescence, and flowers with a longer (2.8 vs. 1.5 mm) spur and subrhombic (not transversely ligulate) labellum epichile.



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.