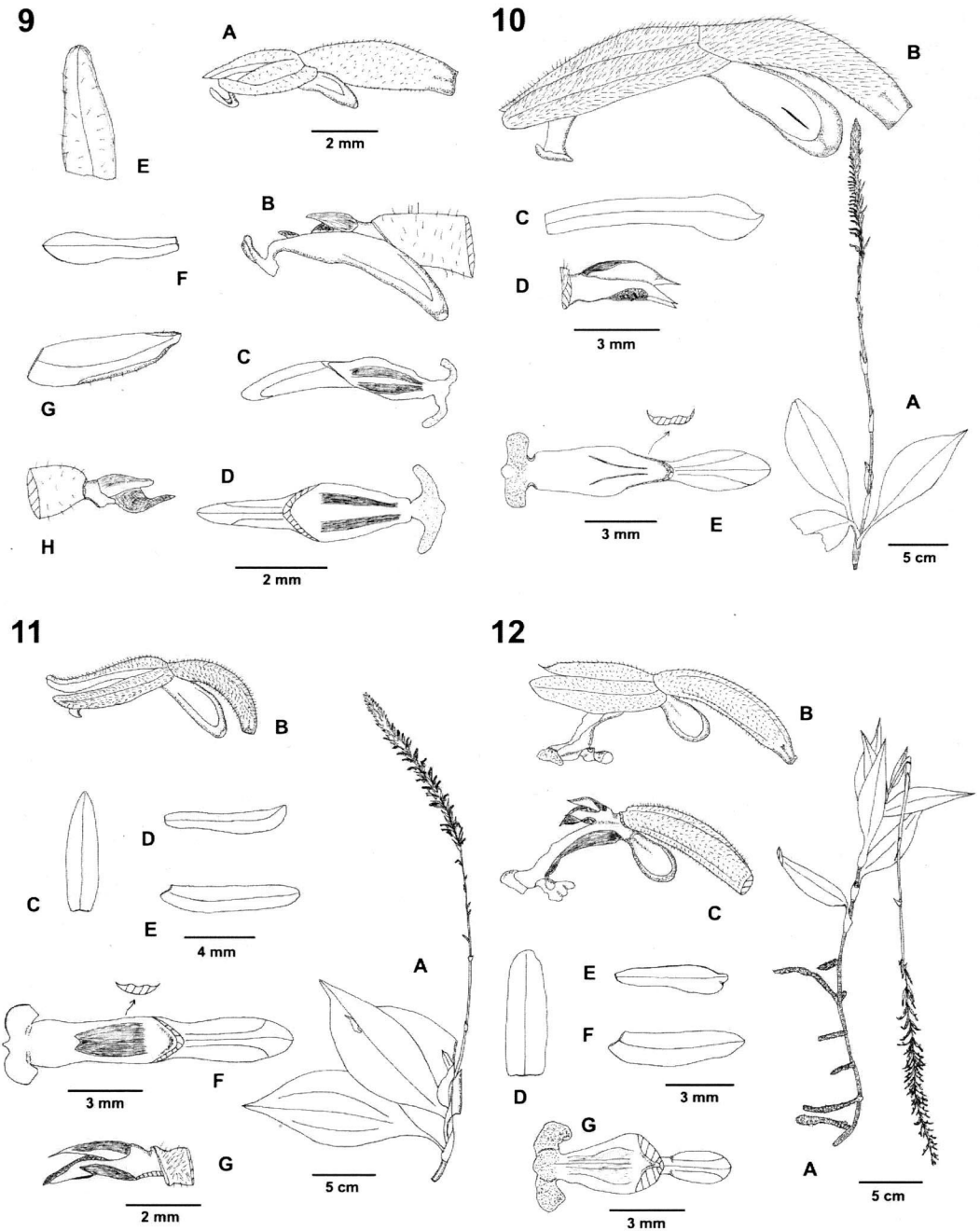




FIGURES 9–12. 9, *Microchilus familiaris* Ormerod. A, flower; B, flower minus tepals; C, D, labellum and spur; E, dorsal sepal; F, petal; G, lateral sepal; H, column. 10, *Microchilus huangobioensis* Ormerod. A, plant; B, flower; C, petal; D, column; E, labellum and spur (cross-section of area under join arrowed). A drawn from AMES isotype. 11, *Microchilus ibaguensis* Ormerod. A, plant; B, flower; C, dorsal sepal; D, petal; E, lateral sepal; F, labellum and spur (cross-section of hypochile arrowed); G, column. 12, *Microchilus meridanus* Ormerod. A, plant; B, flower; C, flower minus tepals; D, dorsal sepal; E, petal; F, lateral sepal; G, labellum and spur. All drawn from holotype except where noted.

Microchilus ibaguensis Ormerod, *sp. nov.*

TYPE: COLOMBIA. Tolima: near Ibagué, 1280 m, February 1843, *J. Linden* 1282 (Holotype: K–L; Isotype: P). Fig. 11.

Synonym: *Physurus preslii* auct. non Lindl., Lindl., Orch. Linden.: 27, 1846.

Affinis M. erythrodoides (Schltr.) Ormerod
sed bracteis floribus longioribus (12–19
vs. 9.5–12.0 mm), *lobulis epichilo falcatis*
(*non recto*) *et columna leviter brevioribus*
(3.1 vs. 3.4 mm) differt.

Erect, probably terrestrial herb. *Rhizome* not seen. *Stem* terete, rooting from lowest node, up to 6-leaved, to 18.0 × 0.4–0.7 cm; internodes 1.7–5.0 cm long. *Leaves* obliquely elliptic, subacuminate, 12.3–15.0 × 4.1–5.9 cm; petiole and sheath 2.5–4.7 cm long. *Inflorescence* pubescent, 23.6–40.6 cm long; peduncle 17.3–24.7 cm long; sheathing bracts 6–9, 0.6–3.9 cm long; rachis densely many-flowered, 6.3–15.9 cm long; floral bracts ovate-lanceolate to subrhombic, subacuminate, paleaceous, 12–19 × 3–6 mm. Pedicellate ovary subcylindric, pubescent, 6.5 mm long. *Flowers* externally pubescent, color not known. Dorsal sepal oblong-lanceolate, subacute, 7.2 × 2.0 mm. Lateral sepals obliquely oblong-ligulate, obtuse, 7.8–8.0 × 1.6 mm. Petals ligulate-ob lanceolate, acute, 7.1 × 1.3 mm. *Labellum* spurred, trilobed, joined to

column for ca. 1.0–1.2 mm; spur obliquely oblongoid-obovoid, obtuse, 4.5 mm long, 1.8 mm wide laterally; hypochile rectangular-subpandurate, fleshy in basal half, ca. 5 mm long, basal half ca. 1.8 mm wide, middle ca. 1.6 mm wide, apical half 1.7–1.8 mm wide; epichile sub-anchoriform, papillose-pubescent, ca. 1 × 3 mm, lobules elliptic-falcate, truncate, 0.95 mm wide. *Column* 3.1 mm long.

Habitat and distribution: Colombia. Forest (*Cuatrecasas* 3034); humid forest (type); 1200–1280 m.

Additional specimen examined: COLOMBIA. Tolima: Ibagué, 1200 m, 10 May 1932, *J. Cuatrecasas* 3034 (K).

This species is closely related to *Microchilus erythrodoides* (Schltr.) Ormerod, also from the Department of Tolima, Colombia. From the latter taxon it may be distinguished by its longer (17.3–24.7 vs. 12.7–15.0 cm) peduncle, longer (12–19 vs. 9.5–12.0 mm) floral bracts, flowers with falcate, truncate (not patent, obtuse) epichile lobules, and slightly shorter (3.1 vs. 3.4 mm) column.