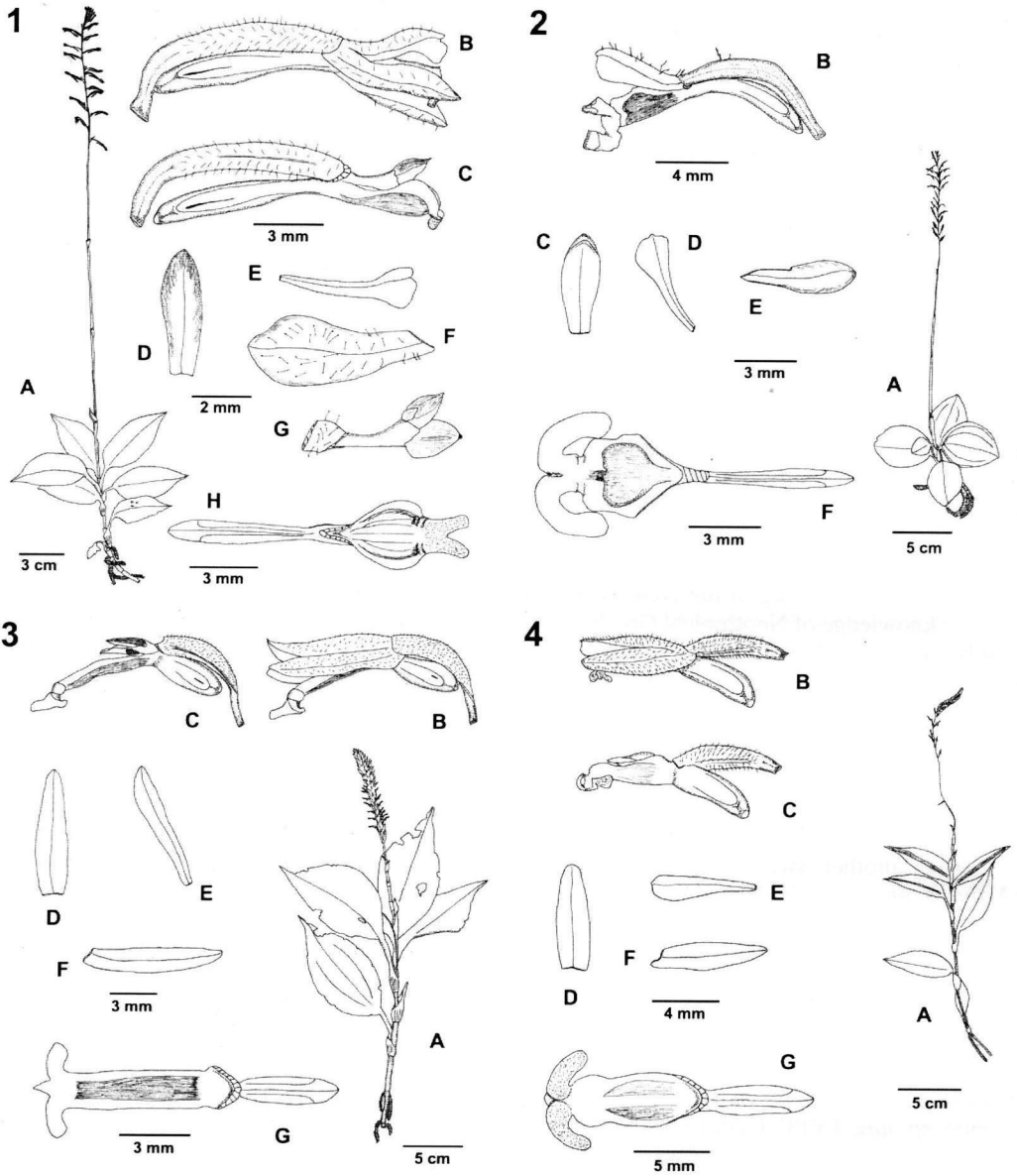




FIGURES 1-4. 1, *Aspidogyne costaricensis* Ormerod & M.A. Blanco. A, plant; B, flower; C, flower minus tepals; D, dorsal sepal; E, petal; F, lateral sepal; G, column; H, labellum and spur. 2, *Aspidogyne harlingii* Ormerod. A, plant; B, flower minus lateral sepal; C, dorsal sepal; D, petal; E, lateral sepal; F, labellum and spur. 3, *Microchilus andrei* Ormerod. A, plant; B, flower; C, flower minus tepals; D, dorsal sepal; E, petal; F, lateral sepal; G, labellum and spur. 4, *Microchilus arietinus* (Rchb.f. & Warming) Ormerod var. *federalensis* 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.

Microchilus andrei Ormerod, *sp. nov.* TYPE: COLOMBIA. Nariño: Tuquerres to Barbacoas, Río Nembí, 20–30 May 1876, *E. F. André 3305* (Holotype: K, right hand plant). Fig. 3.

Species nova subsimilis M. longiflorus Ormerod *sed hypochilo labello rectangularis (non subpanduratis) differt.*

Erect, probably terrestrial *herb.* *Rhizome* not seen. *Stem* terete, rooting from lower 2 nodes, 5–6-leaved, 13.0 × 0.4–0.6 cm; internodes

2.3–2.8 cm long. *Leaves* obliquely elliptic, subacuminate, 8.5–11.0 × 4.2–5.3 cm; petiole and sheath 4.5 cm long. *Inflorescence* pubescent, 19.2 cm long; peduncle 11 cm long; sheathing bracts 5, lax, 0.6–3.3 cm long; rachis densely many-flowered, 8.2 cm long; floral bracts ovate-lanceolate to subrhombic, subacuminate, whitish, to 15–16 × 5–6 mm. Pedicellate ovary clavate, pubescent, ca. 7 mm long. *Flowers* externally pubescent, cinnamon. Dorsal sepal oblong-lanceolate, obtuse, 8.0 × 1.9 mm. Lateral sepals obliquely oblong-ligulate, subacute, 8.5–8.9 × 1.7 mm. Petals ligulate-oblong-lanceolate, subacute, 8.0 × 1.5 mm. *Labellum* spurred, trilobed, joined to column for 1.1–1.2 mm; spur oblongoid, obtuse, 4.2 mm long; hypochile rectangular, fleshy in basal half, 5.8–6.2 mm long, ca. 1.5–1.6 mm wide; epichile subanchoriform, acute, 1.2–1.3 mm long (including deltate apiculus 0.75 mm long), ca. 4 mm wide, lobules oblong-ligulate, subfalcate, subtruncate-obtuse, 0.7 mm wide. *Column* 3.5 mm long.

Distribution: Colombia.

This species approaches the Ecuadorian *Microchilus longiflorus* Ormerod in most floral measurements though it differs in having a rectangular (vs. subpandurate) labellum hypochile and not widened (vs. distinctly obovately widened) in the upper half.

The precise locality data for this species, and

Microchilus sanpabloensis (described below), was augmented consulting an unpublished manuscript that lists the collecting sites of E. F. Andre's expedition to Venezuela, Colombia, and Ecuador. A copy of this manuscript, compiled by L. B. Smith and dated 1932, is housed at the Botany Libraries of Harvard University.