

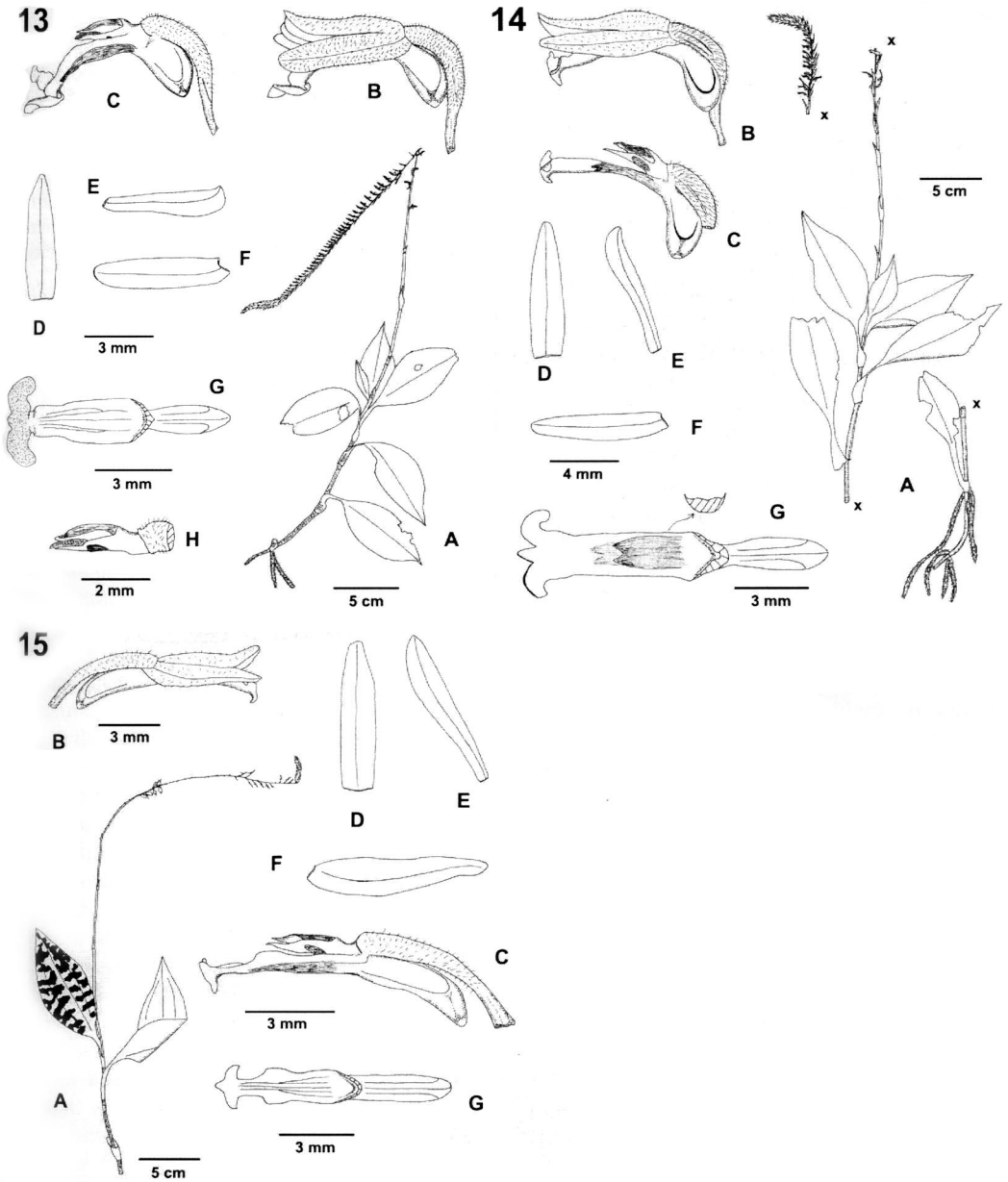
Microchilus sanpabloensis Ormerod, *sp. nov.*
TYPE: ECUADOR. Imbabura: from Río Chota to Río Tupigache, San Pablo, 22 May 1876, *E. F. Andre 3461* (Holotype: K). Fig. 14.

Affinis M. nugax Ormerod *sed petalis floribus angustioribus* (1.30 vs. 1.70–1.75 mm) *et epichilo labello subanchoriformis (non transverse ligulatis) differt.*

Erect, probably terrestrial *herb.* *Rhizome* not seen. *Stem* terete, rooting from lower 2 nodes, laxly 6-leaved, 23.5 × 0.4–0.6 cm; internodes 2.9–6.0 cm long. *Leaves* obliquely elliptic, acute to subacuminate, 9.0–10.5 × 2.9–4.3 cm; petiole and sheath 2.7–3.7 cm long. *Inflorescence* pubescent, 35.8 cm long; peduncle 21.7 cm long; sheathing bracts 6–7, lax, 1.6–3.0 cm long; rachis densely many-flowered, 14.1 cm long; floral bracts ovate-lanceolate, acute, to 15 × 4 mm. Pedicellate ovary clavate, pubescent, 6.0–7.5 mm long. *Flowers* externally pubescent, brown-cinnamon. Dorsal sepal oblong-lanceolate, obtuse, 7.8 × 2.0 mm. Lateral sepals obliquely oblong-lanceolate, obtuse, 7.9–8.2 × 1.8 mm. Petals ligulate-oblongate, obtuse, 7.8 × 1.3 mm. *Labellum* spurred, trilobed, joined to column for ca. 1.5 mm; spur oblongoid-obovoid, obtuse, 4 mm long; hypochile rectangular, very fleshy in basal half, 5.0 × 1.75–1.80 mm; epichile subanchoriform, base broadly cuneate, 2.0 × 3.6 mm, lobules oblong-ligulate, falcate, obtuse-truncate, 0.6–0.8 mm wide. *Column* 3.75 mm long.

Distribution: Ecuador.

This species is probably most closely related to the Colombian *Microchilus nugax* Ormerod, but it differs in having flowers with narrower (1.3 vs. 1.70–1.75 mm) petals and a labellum with a subanchoriform (not transversely ligulate) epichile that has a broad, cuneate (not sessile) base. See comments under *M. andrei* (described above) regarding the type of this species.



FIGURES 13–15. **13.** *Microchilus pseudocaucanus* Ormerod. **A,** plant; **B,** flower; **C,** flower minus tepals; **D,** dorsal sepal; **E,** petal; **F,** lateral sepal; **G,** labellum and spur; **H,** column. **14.** *Microchilus sanpabloensis* Ormerod. **A,** plant; **B,** flower; **C,** flower minus tepals; **D,** dorsal sepal; **E,** petal; **F,** lateral sepal; **G,** labellum and spur (cross-section of hypochile arrowed). **15.** *Microchilus trianae* 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.