



FIGURES 25–28. **25**, *Microchilus microcaprinus* Ormerod. A, plant; B, flower; C, flower minus tepals; D, petal; E, labellum and spur (drawn from holotype). **26**, *Microchilus moritzii* Ormerod. A, plant; B, flower; C, flower minus tepals; D, dorsal sepal; E, petal; F, labellum and spur (A drawn from sketch of isotype, B–F from holotype). **27**, *Microchilus paleaceus* (Schltr.) Ormerod. A, plant; B, flower minus tepals; D, petal; E, labellum and spur (drawn from neotype). **28**, *Microchilus panamanicus* Ormerod. A, plant; B, F, labellum and spur; C, lateral sepal; D, petal; E, column (drawn from holotype).

Affinis M. paleaceus (Schltr.) Ormerod *sed floribus longioribus* (8.0 vs. 6.5–6.7 mm), *calcar longioribus* (5.0 vs. 3.5–3.7 mm), *hypochilio latioribus* (3 vs. 2 mm) *et columna longioribus* (4 vs. 3 mm) *differt*.

Terrestrial herb forming small colonies. Rhizome not preserved. Stem erect, terete, 5- to 6-leaved, 17.7 × 0.5 cm. Leaves elliptic, subacuminate, (excluding the smallest leaf) 10.5–16.5 × 4.1–6.0 cm; petiole and sheath 1.5–5.0 cm long. Inflorescence pubescent, 25 cm long; peduncle 14 cm long; sheathing bracts four, scattered, 1.7–2.6 cm long; rachis 11 cm long, subdensely many-flowered; floral bracts elliptic-lanceolate, acute, white, to 1.8 × 0.5 cm. Pedicellate ovary subcylindric, pubescent, 9 mm long. Flowers externally pubescent, creamy white. Dorsal sepal oblong, obtuse, 8 × 2 mm. Lateral sepals oblong, obtuse, 8 × 1.8 mm. Petals ligulate-oblongate, subacute, 8 × 1.5 mm. Labellum spurred, trilobed, joined to column for 1.5 mm; spur ellipsoid-oblongoid, to subclavate, obtuse, 5 mm long; hypochile subpandurate, 4 mm long, 3 mm wide in basal half; epichile transversely ligulate, pubescent, 1 × 2.0–2.5 mm, lobules 0.5 mm wide apically. Column 4 mm long.

Distribution: Panama.

Habitat: in dense forest, 800–1000 m.

This species is related to *M. paleaceus* (Schltr.) Ormerod, but it differs from it in having larger flowers (8.0 vs. 6.5–6.7 mm long), a longer spur (5.0 vs. 3.5–3.7 mm), a broader hypochile (3 vs. 2 mm), and longer column (4 vs. 3 mm).

Microchilus panamanicus Ormerod, *sp. nov.*

TYPE: PANAMA. Province de Panama: Cerro Trinidad, 800–1000 m, 20 October 1946, *P. H. Allen* 3768 (Holotype: AMES; Isotype: MO [*n.v.*]). Fig. 28.