

Oncidium allenii Dressler, sp. nov. TYPE: Panama. Coclé: region north of El Valle de Antón, elev. ca. 1000 m, 20 Feb. 1942, *P.H. Allen* (Holotype, AMES; Isotypes, SEL, US). FIGURE 1D–F

Herbae epiphyticae, pseudobulbis uni- vel bifoliatis; inflorescentia erecta, ramosa; sepala unguiculata, oblanceolata, obtusa; petala late cuneata, apice subtruncata; labellum trilobatum, lobulis mediis lateralibus la-

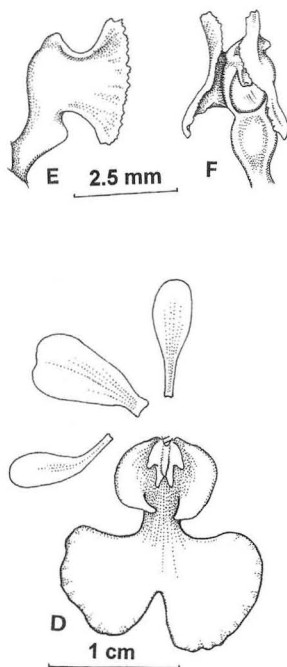


FIGURE 1. New species of *Cischweinfia* and *Oncidium*. A–C. *Cischweinfia nana*. A. Flower. B. Perianth, spread. C. Column lateral view. D–F. *Oncidium allenii*. D. Perianth, spread. E. Column, lateral view. F. Column, ventral view. G–I. *Oncidium punctulatum*. G. Perianth, spread. H. Column, lateral view. I. Column, ventral view. A–C, based on R.L. Dressler 5700, flowers in alcohol; D–F, based on P.H. Allen 2923; G–I, based on R.L. Dressler 6274.

tioris, bilobatis, lobis lateralibus communiter orbicularibus; columna bialata.

Epiphytic, caespitose, roots 0.5–1 mm in diameter, pseudobulbs ovoid, compressed, sulcate, 2.5–5 × 2–3 cm, with 1 or 2 apical leaves and 3–4 sheathing leaves; sheaths 2–4 cm long, blades oblanceolate or oblong-oblanceolate, obtuse, 6.5–30 × 1.7–3 cm, narrowed basally; inflorescences lateral, erect, branched, peduncle 15–25 cm, peduncle bracts tubular, acute, 4–8 mm long; floral bracts acuminate, 2–3 × 2–3 mm; flowers golden yellow with chestnut-brown blotches near base; dorsal sepal unguiculate, oblanceolate or spatulate, obtuse, 7–8.7 × 2.5–2.6 mm; lateral sepals unguiculate, oblanceolate, obtuse, 6–9 × 2–2.3 mm; petals broadly cuneate, obovate, subtruncate, 6.5–10 × 5–6 mm; lip 8.5–17 × 5–9.5 mm basally, 8–17 mm wide distally, base of lip (lateral lobes together) suborbicular, callus ca. 3.5 × 3.5 mm, of several small lobes and usually 3 longer distal lobes, isthmus 2.5–5 × 2–2.5 mm, midlobe transversely oblong-reniform, retuse, 6–9 × 8–17 mm; column

ca. 3 mm, wings 1–1.5 × 3 mm, acute basally and distally; tabula infrastigmatica 0.5 × 0.7 mm, rounded.

Oncidium allenii is clearly a close ally of *O. klotzschianum* Rchb.f., 1852 (*O. obryzatum* Rchb.f., 1854), but differs markedly in the suborbicular base of the lip. In *O. klotzschianum* the lip is much wider at the base and narrows to the isthmus. Though *O. allenii* is a close ally of *O. klotzschianum*, the closest populations of *O. klotzschianum*, both to the east and to the west, do not approach *O. allenii* in form. The epithet *allenii* honors Paul H. Allen, outstanding field botanist, who collected most of the material of this species.

PARATYPES: Panama. Coclé: region of El Valle de Antón, P.H. Allen 225 (MO), P.H. Allen 2923 (AMES), P.H. Allen 3424 (MO), R.L. Dressler, C. Luer, J. Luer & P. Taylor 762 (SEL). Panamá: Cerro Campana, K.J. Sytsma 3517 (MO).