

**CISCHWEINFIA DRESSLER &
N.H. WILLIAMS**

Some epithets in *Cischweinfia* seem strangely out of touch with current reality. When the genus was first recognized as distinct (Dressler & N.H. Williams 1970), it was made up of species that had been assigned to other genera. *Cischweinfia pusilla* (C. Schweinf.) Dressler & N.H. Williams received its specific epithet as *Aspasia pusilla* C. Schweinf., where it was much the smallest species known. *Cischweinfia parva* (C. Schweinf.) Dressler & N.H. Williams similarly had been described as *Miltonia parva* C. Schweinf. In *Cischweinfia*, however, *C. parva* is currently one of the largest-flowered species, while *C. pusilla* is about average. The species described here is one of the smallest, though only a bit smaller than *C. suarezii* Dodson.

Cischweinfia nana Dressler, sp. nov. TYPE: Panama. Chiriquí: Camp Hornito, Fortuna dam site, 82°10'W, 8°44'N, elev. 1000–1200 m; 17 Sept. 1977; epiphyte; sepals and petals brown with green tips, fading to red-brown and pale yellow; lip cream; *R.L. Dressler 5700* (Holotype, MO; Isotype, PMA).

FIGURE 1A–C.

Herbae epiphyticae, pseudobulbis ovato-ellipticis, compressus, apice monophyllis; foliis oblanceolato-ellipticis, acutis vel apiculatis; pedunculo brevi, 2–4 floribus; sepalis oblongo-lanceolatis; petalis lanceolato-oblongis, acutis; labello rhombico-ovato, inferne bicalloso, obtuso, callis oblongis; columna breve, clinandrio breve cucullato.

Epiphytic, caespitose, pseudobulbs ovate-elliptic, compressed, 10–13 × 3–4 mm, with 3 or

4 sheathing leaves and 1 terminal leaf; sheaths 10–15 mm long, blades oblanceolate-elliptic, acute-apiculate, 13–55 × 4–4.8 mm; inflorescences lateral, 15–17 mm long, peduncle 10–12 mm, with 2–4 successive flowers; floral bracts triangular, conduplicate, carinate, acute, 3–5 × 2.5–3 mm; sepals and petals brown with green apices, fading to red-brown and pale yellow, lip cream; sepals narrowly oblong or lanceolate, obtuse or acute, 5–6 × 1–1.8 mm, lateral sepals carinate; petals lance-oblong, acute 4.8–5 × 1.2–1.4 mm; lip broadly unguiculate for ca. 1 mm, blade rhombic-ovate, obtuse, minutely apiculate, 5 × 4 mm, callus of 2 rounded ridges below middle, ca. 0.8 × 0.6–0.7 mm; column ca. 2.5 mm long, the clinandrium short cucullate, with denticulate-fimbriate margins; capsule ellipsoid, winged, ca. 12 × 8 mm.

Cischeinfia nana is distinguished by the rhombic lip and the small size of the plant and flowers, hence the epithet *nana*, or dwarf.

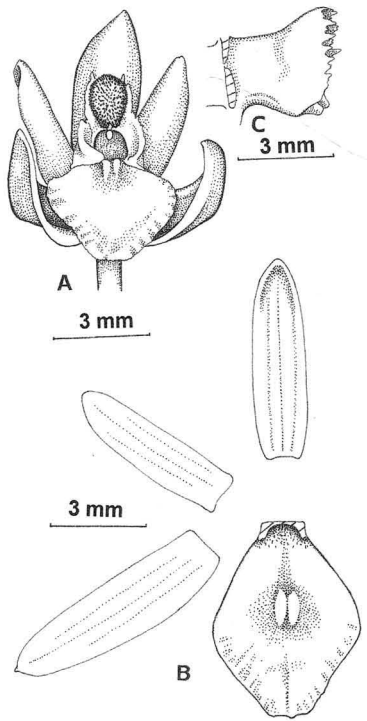


FIGURE 1. New species of *Cischweinfia* and *Oncidium*. A–C. *Cischweinfia nana*. **A.** Flower. **B.** Perianth, spread. **C.** Column lateral view. D–F. *Oncidium allenii*. **D.** Perianth, spread. **E.** Column, lateral view. **F.** Column, ventral view. G–I. *Oncidium punctulatum*. **G.** Perianth, 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.