

Cischweinfia donrafae Dressler & Dalström,
sp. nov. Holotype: Costa Rica. Alajuela:
San Miguel de Sarapiquí, June 4, 1941,
C.H. Lankester 1496 (AMES). FIGURE 13

Cischweinfia pusillae similis, sed anthera rostrata,
stipite plusminusve 2 mm longo, nervis labelli elevatis
differt.

Plant epiphytic, caespitose; roots 1.5–2 mm
in diameter; pseudobulbs $3\text{--}3.7 \times 0.9\text{--}1.1$ cm,
elliptic-oblong, flattened; **leaves** $8.5\text{--}12 \times 1.1\text{--}1.6$ cm,
oblong-elliptic or elliptic, short petio-
late, acute; **sheaths** 3–4, inflorescence lateral,
peduncle 4–5 cm, peduncle bracts $6\text{--}7 \times 2.5$
mm, infundibuliform, then ovate, apiculate, ra-
chis 1.5–3 cm, with 2–3 flowers; floral **bracts** $5\text{--}6 \times 4\text{--}5$ mm,
acute, ovary and pedicel 3–3.4 cm; **sepals** and petals dusky brownish on basal
 $\frac{2}{3}$, apical $\frac{1}{3}$ lemon yellow, column lemon yel-
low, lip pure white at first day of anthesis, with
distinct mauve lines on nerves at base at either
side of central orange area; **ovary** verruculose;
dorsal **sepals** 11×5.2 mm, obovate, acute; lat-

eral sepals 14×4.5 mm, lance-oblong, carinate-apiculate; **petals** 10×5 mm, ovate, acute; **lip** 12 mm long, basal 2 mm adnate to column, blade 9–10 mm wide; broadly ovate or rhombic-ovate, with 9 raised veins; **column** 5.5 mm, markedly concave above (in lateral view); **anther** 2 mm, with prominent beak, stipe ca. 2 mm; **viscidium** 0.7–0.8 mm long.

Cischweinfia donrafae is clearly allied to *C. pusilla*, but distinct in the beaked anther, the relatively long stipe, the form of the column, and the raised veins of the lip. The callus is truly Y-shaped, but with very short branches. It was twice drawn and painted by the late Rafael Lucas Rodriguez C., affectionately known as Don Rafa, and we have chosen this epithet, to distinguish him from any other Rodriguez.

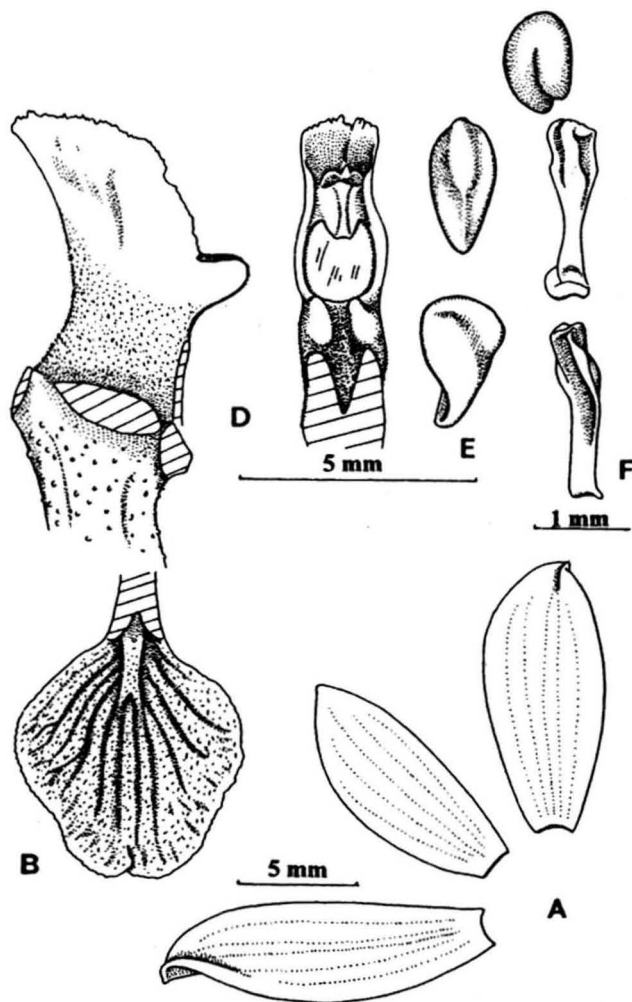


Fig. 13

FIGURE 13. *Cischweinfia donrafae*. **A.** Sepals and petal. **B.** Lip flattened. **D.** Column lateral and ventral view. **E.** Anther cap dorsal and ventral view. **F.** Pollinarium; voucher: *Lankester 1496* (AMES).