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45. *Noronhia longipedicellata* H. Perrier in Mém. Inst. Sci. Madagascar, Sér. B, Biol. Vég. 2: 300. 1949 (Fig. 30D).

Typus: MADAGASCAR. **Prov. Antsiranana:** collines et plateaux calcaires de l'Ankarana, partie N, au S d'Ampasimbengy, [12°54'S 49°08'E], 250 m, XII.1937-I.1938, *Humbert 18904* (holo-: P [P00573412]!; iso-: P [P00573413]!).

Description Small *trees* to 5 m tall, trunk to 5 cm diameter; young twigs cylindrical, 0.8-1.4 mm diameter, glabrous; bark medium to light gray, smooth to slightly rugose. *Leaves* opposite, persistent; bud scales persistent; blades dark green above, lighter below, narrowly to broadly obovate, 3.5-8 × 0.7-3.2 cm, coriaceous, glabrous, domatia absent, base acute to attenuate, margin slightly revolute and undulate, apex retuse to slightly mucronate, the mucro 1-6 mm long, midrib sunken above, raised below, secondary veins barely visible, 6-12 per side, 4-11 mm apart, looping 1-3.5 mm from the margin; petiole medium gray, 3-8 × 0.7-2.1 mm, entirely woody, glabrous. *Thyrses* solitary, pauciflorous, diffuse; peduncle 2-15 mm long, glabrous; pedicel 7-17 mm long, glabrous; calyx very sparsely pubescent outside, glabrous inside, lobes triangular, 1-2 × 0.8-1.7 mm; corolla orange purplish outside, yellow inside, urceolate, 3.2-7.5 mm long, glabrous on both sides, the tube 2-5 mm long, lobes widely ovate, apex acute; corona present, 1.5-2 mm long, lobed; stamens 1.9-2.5 mm long, anthers widely ovate, 1.2-1.8 mm long; pistil 1.5-4 mm long, stigma slightly bilobed. *Fruiting pedicel* 11-28 × 0.7-1 mm; young fruits green, dark red when mature, ovoid, 10.5-14 × 7-10 mm, smooth, sometimes covered with a white pellicle, apex apiculate; dry pericarp 0.5-1.1 mm thick; endocarp woody; seed 6-8.5 × 4.5-5.5 mm.

Distribution, ecology and phenology *Noronhia longipedicellata* occurs in low- to mid-elevation dry forests in the north, in and around Ankarana (Fig. 27). It produces flowers and fruits throughout the year except in August and September.

Conservation status The assessment was based on 16 collections representing 11 localities and resulted in an EOO of 642 km², an AOO of 44 km², and eight subpopulations representing six locations, of which three occur within protected areas (Andavakoera-Andrafiame-na-Ambohipiraka and Ankarana). Areas not benefiting any form of protection exhibit continuing decline in habitat quality, EOO, AOO and number of mature individuals resulting from conversion of forested land into agricultural fields and pastures, and wood harvesting. Therefore, *N. longipedicellata* is assigned a preliminary status of "Vulnerable" [VU B1ab(i,ii,iii,iv,v)+2ab(i,ii,iii,iv,v)].

Notes *Noronhia longipedicellata* can be recognized by its coriaceous, obovate leaf blades with barely visible venation, long pedicels, and orange-purplish flowers.

**Additional specimens
examined**

MADAGASCAR. Prov. Antsiranana: Ambilobe, Ankarana RS, 13°01'26"S 49°05'33"E, 32-143 m, 16.IV.1996, *Andrianantoanina & Bezara* 964 (K, MO, P); *ibid. loc.*, [12°49'S 49°01'E], 6.X.1990, *Bardot-Vaucoulon* 104 (P); Andrafiarena, Anjahankely, 12°55'38"S 49°17'34"E, 510 m, 12.XI.2010, *Gautier* 5415 (G, K, MO, P, TEF); Marivorahona, Betsimiranja, 12°56'27"S 49°07'21"E, 136 m, 17.I.2009, *Hong-Wa* 564 (MO, P, TAN); *ibid. loc.*, forêt d'Ambilomagodra, 13°01'24"S 49°08'07"E, 58 m, 30.I.2009, *Hong-Wa et al.* 592 (MO, P, TAN); Anivorano-Nord, Andrafiabe, Mt Antsahabe, 12°54'59"S 49°17'38"E, 502 m, 3.VII.2010, *Hong-Wa* 715 (MO, TAN); Marivorahona, Betsimiranjana, Ankarana, 12°57'32"S 49°07'12"E, 132 m, 8.XII.2006, *Ranaivojaona et al.* 1665 (CNARP, MO, P, TAN); Mosorolava, Ampombiantambo, 12°41'24"S 48°56'59"E, 75 m, 27.IX.2007, *Ratovoson et al.* 1381 (CNARP, MO, P, TAN); *ibid. loc.*, forêt d'Antsoroby, 12°40'29"S 48°58'52"E, 23.IX.2007, *Razafitsalama et al.* 1231 (CNARP, MO, P, TAN); PK 95 sur la route de Diégo-Suarez à Ambilobe, 13.IV.1954, *Service Forestier* 9725 (P, TEF).