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**25. *Noronhia divaricata*** Scott-Elliot in J. Linn. Soc. Bot. 29: 32. 1891 (Fig. 12D).

**Typus:** MADAGASCAR. **Prov. Toliara:** woods near Fort-Dauphin, [25°03'S 47°00'E], s.d., *Scott Elliot 2883* (holo-: K [K000233195] image seen; iso-: E [E00193160] image seen, P [P00418113]!).

**Description** *Shrubs* to small trees to 8 m tall, trunk to 15 cm diameter; young twigs cylindrical, 0.4-1.4 mm diameter, glabrous; bark light gray, smooth to slightly rugose. *Leaves* opposite, persistent; bud scales persistent; blades medium green above, lighter below, narrowly to widely elliptic to somewhat rhombic, 3-6.5 × 1-3 cm, coriaceous, glabrous, domatia casual, base attenuate, margin slightly revolute and undulate, apex rounded to acute, the point 0-2 mm long, midrib flat to slightly sunken above, raised below, secondary veins barely visible, 6-10 per side, 5-11 mm apart, looping 1-3 mm from the margin; petiole yellow, 3.5-11 × 0.5-1.2 mm, not woody, glabrous. *Thyrse*s solitary, pauciflorous, diffuse; peduncle 3 mm long, sparsely pubescent; pedicel 2.5-12 mm long, sparsely pubescent; calyx sparsely pubescent outside, glabrous inside, lobes triangular, 0.8-1.3 × 1-1.5 mm; corolla yellowish green, urceolate, 3.5-4.5 mm long, glabrous on both sides, the tube 2-3.5 mm long, lobes ovate, apex rounded; corona present, 1.2-1.8 mm long, undivided; stamens 1.8-2.5 mm long, anthers slightly obovate, 1.3-1.5 mm long; pistil 1.8-2.5 mm long, stigma capitate. *Fruiting* pedicel 2-10 × 1-1.5 mm; young fruits green, reddish when mature, ovoid to subglobose, 11.5-19 × 8-15 mm, smooth, apex flat to bluntly pointed, style persistent; dry pericarp 0.6-0.9 mm thick; endocarp woody; seed 6-12.5 × 4.5-10 mm.

**Distribution, ecology and phenology** *Noronhia divaricata* occurs in low- to mid-elevation dry forests and thickets in the south, from Ihorombe to Fort-Dauphin (Fig. 9). It produces flowers and fruits throughout the year except in August.

**Conservation status** With 20 collections representing 18 localities, the analysis resulted in an EOO of 16,342 km<sup>2</sup>, an AOO of 64 km<sup>2</sup>, and 14 subpopulations representing 10 locations, of which only two occur within protected areas (Andohahela and Extension Ankodida-Tsimelaha). *Noronhia divaricata* is assigned a preliminary status of “Vulnerable” [VU B1ab(i,ii,iii,iv,v)+2ab(i,ii,iii,iv,v)] due to projected continuing decline in habitat quality, habitat loss, and reduction of the number of mature individuals resulting from fire, land conversion and industrial mining.

**Notes** *Noronhia divaricata* can be recognized by its elliptic to somewhat rhombic leaf blades and its long-pedunculate and pauciflorous inflorescences with yellow-green flowers. The isotype at Paris includes two fragments that are essentially identical,

but are labeled as *N. divaricata* (Scott Elliot 2883 [P00418113]) and *N. emarginata* (Scott Elliot 3050 [P00418114]), respectively, whereas the holotype at Kew, also with two fragments, is identified only as *N. divaricata* (Scott Elliot 2883 [K000233195]) and the isotype at Edinburgh as *N. emarginata* (Scott Elliot 3050 [E00193160]). A labeling error was apparently made on the sheets at P and E, which has since been corrected by Perrier de la Bâthie and others to read Scott Elliot 2883 and annotated as *N. divaricata*.

**Additional specimens  
examined**

**MADAGASCAR. Prov. Fianarantsoa:** Ihorombe, Ampasimbe, [23°02'30"S 45°16'30"E], 500 m, 22.VII.1955, *Service Forestier 14844* (MO, P, TEF). **Prov. Toliara:** Manambaro, [24°40'12"S 46°44'24"E], 110 m, 21.II.1975, *Croat 31940* (MO, P, TAN); Cap Ranavalona, [25°04'S 46°58'E], 17.IX.1932, *Decary 10619* (P); Andohahela PN, parcelle 3, 25°00'S 46°40'E, 200-600 m, 17.XI.1990, *Dumetz 1421* (MO, P, TAN); bassin supérieur du Mandrare, [24°30'S 46°35'E], 700-1200 m, 20-22.XI.1928, *Humbert 6765* (P); Baie des Galions (Ranofotsy) au SO de Fort-Dauphin, [25°09'S 46°43'E], 1-100 m, 18- 21.II.1955, *Humbert & Capuron 29025* (MO, P); Andohahela PN, 25°00'S 46°40'E, 120-140 m, 27.I.1990, *McPherson 14921* (MO, P, TAN); Ranopiso, Ankilivalo, 25°07'28"S 46°40'04"E, 125 m, 20.VII.2010, *Rakotovoao et al. 5500* (G, MO, P, TAN); Ambinanibe, Ehoala, 25°03'S 46°57'E, 24.XI.2007, *Ramison & Rabehevitra 465* (MO, P, TAN); Andohahela (parcel 3), Ankazofotsy, 25°01'S 46°38'E, 15.V.2001, *Randriamampionona 992* (G, MO, P); Andohahela (parcel 1), Tsimelahy, 24°50'20"S 46°32'17"E, 6.IV.1996, *Randriamampionona 1251* (MO, P); Ambatoabo, Ankoba, 24°47'12"S 46°42'25"E, 300 m, 25.II.2009, *Randrianaivo et al. 1761* (G, MO, P, TAN); Beroroha, Betorabato, Abotorabatorano, 21°34'02"S 45°03'42"E, 278 m, 13.I.2011, *Razakamalala & Pascal 6032* (MO, P, TAN); massif du Vohidava près d'Anadabolava (Moyen Mandrare), [24°09'S 46°15'E], 700-900 m, 6.XI.1963, *Service Forestier 22595* (MO, P, TEF); Fort-Dauphin, near the new port, 25°02'34"S 46°57'32"E, 50 m, 11.IV.2010, *Thulin & Razafindraibe 11848* (MO, UPS).