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21. *Abrahamia louvelii* (H. Perrier) Randrian. & Lowry, **comb. nova** (Fig. 19).

≡ *Protorhus louvelii* H. Perrier in Mém. Mus. Natl. Hist. Nat. 18: 263. 1944 [as *louveli*].

Lectotypus (designated here): **MADAGASCAR. Prov. Toamasina:** Rég. Alaotra-Man-goro, Analamazaotra, c. 1000 m, fl., 1919, *Thouvenot* 36 (P [P00722660]!; isolecto-: P [P00722661]!, TAN [TAN000075]!, US-2494483 image seen).

Description *Trees* 14-15 m tall, bark with white-yellow milky latex; young twigs glabrous but with scabrous indument at the tips, with a few lenticels. *Leaves* subopposite to opposite; blades obovate to oblanceolate, 2-4 × 1-2 cm, coriaceous to subcoriaceous, apex emarginate, retuse or rounded, margin entire, base cuneate, adaxial surface glabrous, abaxial surface with very sparse, appressed, short indument, venation craspedodromous, midvein prominent abaxially, secondary veins 15-28 pairs, 1-2 mm apart, parallel or nearly so, prominent abaxially, tertiary veins obscure on both surfaces; petiole 3-7 mm long, canaliculate on adaxial surface, glabrous. *Inflorescence* axillary and terminal, a panicle, 2.5-4.5 cm long, axes flattened or somewhat triangular, pubescent to strigose. *Male flowers* 5-merous; pedicel 0.2-0.3 mm long, very sparsely strigose; calyx lobes deltate, 1 × 1 mm, valvate, glabrous; corolla lobes ovate, 2.5 × 1.5 mm, imbricate, glabrous; stamens 5, filaments 0.5-0.7 mm long, glabrous, anthers 0.5-0.6 mm long, obloid to slightly ovoid, glabrous; disk dish-shaped or slightly cupuliform, 1.5 mm in diam., glabrous; ovary rudimentary. *Female flowers* unknown. *Fruits* 1.5-1.7 × 1-1.2 cm, green when fresh, black when dry, ellipsoid to slightly obovoid, glabrous, with longitudinal striations.

Vernacular names “Ditimena”, “Soretry”.

Distribution, ecology and phenology *Abrahamia louvelii* is known only from the Analamazaotra and Vohibe (Ambalabe) forests (Map 5) at elevations between 600 and 1000 m, in areas with eastern humid forest. Material has been collected in flower in November and in fruit in January.

Conservation status With a minimum AOO of 8 km² and 3 localities, all of which are situated within protected areas (Ambalabe and Analamazaotra), *A. louvelii* is assigned a preliminary conservation status of “Least Concern” [LC] using the IUCN Red List Categories and Criteria (IUCN, 2012).

Notes *Abrahamia louvelii* most closely resembles *A. minutifolia* but differs by having flowers borne in panicles (vs thyrses), a glabrous (vs abaxially pubescent) corolla, and glabrous (vs velutinous) fruits.

We have selected one of the two sheets of *Thouvenot* 36 in the Paris herbarium as the lectotype of *Protorhus louvelii* because it comprises more complete material.

**Additional material
examined**

MADAGASCAR. **Prov. Toamasina:** Réserve spéciale au S d'Andasibe Mahaveriky, [18°56'S 48°26'E], 4.XI.1967, ster., *Jacquemin* 687 (P); Vatoman-dry, Ambalabe, forêt de Vohibe, 19°09'39"S 48°34'43"E, 657 m, 22.I.2012, fr., *Rakotoarivelo et al.* 643 (G, K, MO, P, TAN); *ibid. loco*, 19°09'31"S 48°34'40"E, 536 m, 19.II.2009, ster., *Razanatsima* 667 (MO, P, TAN); Moramanga, Analamazaotra, Périnet, [18°56'S 48°26'E], II.1966, ster., *Service Forestier* 25719 (P).