

<b>Zeitschrift:</b>	Boissiera : mémoires de botanique systématique
<b>Herausgeber:</b>	Conservatoire et Jardin Botaniques de la Ville de Genève
<b>Band:</b>	70 (2016)
<b>Artikel:</b>	A taxonomic revision of the genus Noronhia Stadtm. ex Thouars (Oleaceae) in Madagascar and the Comoro Islands
<b>Autor:</b>	Hong-Wa, Cynthia
<b>Kapitel:</b>	77: Noronhia similis
<b>DOI:</b>	<a href="https://doi.org/10.5169/seals-1036126">https://doi.org/10.5169/seals-1036126</a>

### Nutzungsbedingungen

Die ETH-Bibliothek ist die Anbieterin der digitalisierten Zeitschriften auf E-Periodica. Sie besitzt keine Urheberrechte an den Zeitschriften und ist nicht verantwortlich für deren Inhalte. Die Rechte liegen in der Regel bei den Herausgebern beziehungsweise den externen Rechteinhabern. Das Veröffentlichen von Bildern in Print- und Online-Publikationen sowie auf Social Media-Kanälen oder Webseiten ist nur mit vorheriger Genehmigung der Rechteinhaber erlaubt. [Mehr erfahren](#)

### Conditions d'utilisation

L'ETH Library est le fournisseur des revues numérisées. Elle ne détient aucun droit d'auteur sur les revues et n'est pas responsable de leur contenu. En règle générale, les droits sont détenus par les éditeurs ou les détenteurs de droits externes. La reproduction d'images dans des publications imprimées ou en ligne ainsi que sur des canaux de médias sociaux ou des sites web n'est autorisée qu'avec l'accord préalable des détenteurs des droits. [En savoir plus](#)

### Terms of use

The ETH Library is the provider of the digitised journals. It does not own any copyrights to the journals and is not responsible for their content. The rights usually lie with the publishers or the external rights holders. Publishing images in print and online publications, as well as on social media channels or websites, is only permitted with the prior consent of the rights holders. [Find out more](#)

**Download PDF:** 11.08.2025

**ETH-Bibliothek Zürich, E-Periodica, <https://www.e-periodica.ch>**

**77. *Noronhia similis* Hong-Wa, spec. nova** (Fig. 61).

**Typus:** MADAGASCAR. Prov. Antsiranana: DIANA, Massif du Tsaratanana, [13°49'S 48°44'E], 2100 m, XI.1966, Morat 2264 (holo-: MO-6149642!; iso-: P [P00701309, P03559031]!, TAN!).

**Diagnosis** *Noronhia similis* Hong-Wa can be distinguished from other members of the genus by its obovate leaf blades that are somehow tinged golden, sericeous to glabrescent at maturity, and its compact inflorescences with greenish white flowers.

**Description** Trees to 10 m tall; young twigs flattened, 1.5-4.5 mm diameter, glabrous; bark light gray, rugose. Leaves opposite, persistent; bud scales deciduous; blades dark green above, lighter below, obovate, 5-11.5 × 3-5.5 cm, subcoriaceous, glabrous to sericeous, domatia casual, base rounded, margin flat, apex rounded to slightly acute, the point 1-3 mm long, midrib slightly sunken above, distinctly raised below, secondary veins conspicuous, 7-10 per side, 8-20 mm apart, looping 2-9 mm from the margin; petiole brownish, 5-13 × 1-2.5 mm, usually entirely woody, glabrous. Thyrses solitary to geminate, multiflorous, compact; peduncle 5-10 mm long, moderately to sparsely pubescent; pedicel 2-10 mm long, moderately to sparsely pubescent; calyx moderately to sparsely pubescent outside, glabrous inside, lobes triangular, 1-2 × 1-2.5 mm; corolla greenish white, subrotate, 3.5-5 mm long, glabrous on both sides, the tube 0-2.5 mm long, lobes oblong, apex obtuse; corona absent; stamens 2-4 mm long, anthers oblong to ovate, 1.7-2.8 mm long; pistil 2-3 mm long, stigma capitate. Fruiting pedicel 1-2 × 1-1.5 mm; young fruits green, unripe mature, ovoid, 10-11 × 7-8 mm, smooth to rugose, apex bluntly pointed, dry pericarp 0.5 mm thick; endocarp woody.

**Etymology** The resemblance between *Noronhia similis* and *N. broomeana* was used as the basis for the specific epithet of the new species described here.

**Distribution, ecology and phenology** *Noronhia similis* occurs in mid- to high-elevations humid forests on basement rocks and quartzites from the Tsaratanana massif to Makira in the north and from Ivohibe RS to Andohahela in the south (Fig. 62). It has been collected in flowers from October to December.

**Conservation status** Based on six collections representing six localities, the assessment indicated an EOO of 68,364 km<sup>2</sup>, an AOO of 24 km<sup>2</sup>, and six subpopulations representing six locations, all of which occur within protected areas (Analamazaotra, Andohahela, Corridor Ambositra-Vondrozo, Makira, Tsaratanana, and Tsaratanana-Ambohipiraka-Corridor Marojejy). Given the large distribution, number of locations and AOO, whose actual value is likely to exceed the estimated value, *N. similis* is assigned a preliminary status of "Least Concern".

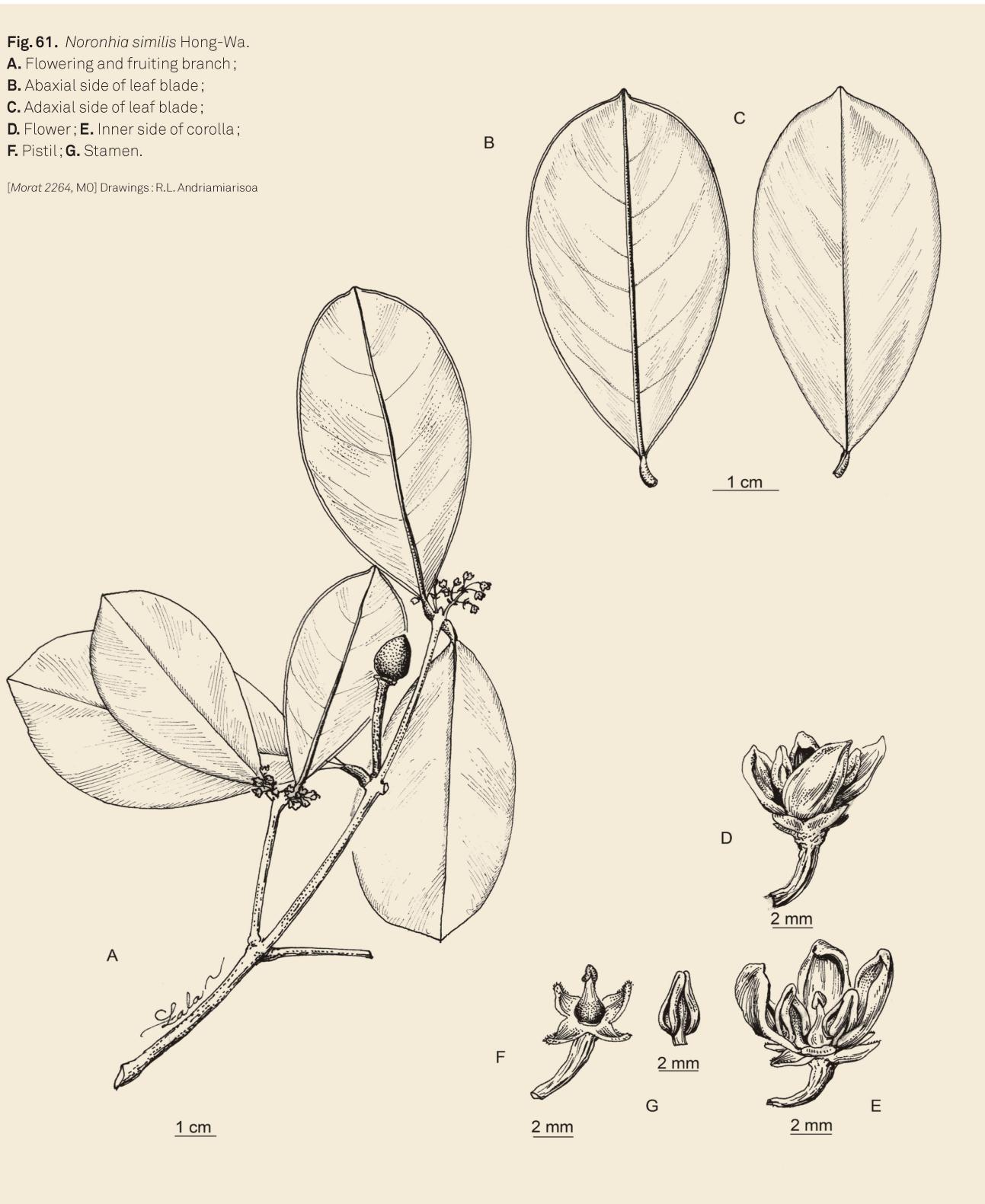
**Notes** *Noronhia similis* most closely resembles *N. broomeana*, but differs from it mainly by its woody (vs. non-woody) petiole, oblong (vs. obovate) leaf blades, and connate (vs. almost free) petals. Obovate leaf blades that are somehow tinged golden, sericeous to glabrescent at maturity, and compact inflorescences with greenish white flowers characterize this new species.

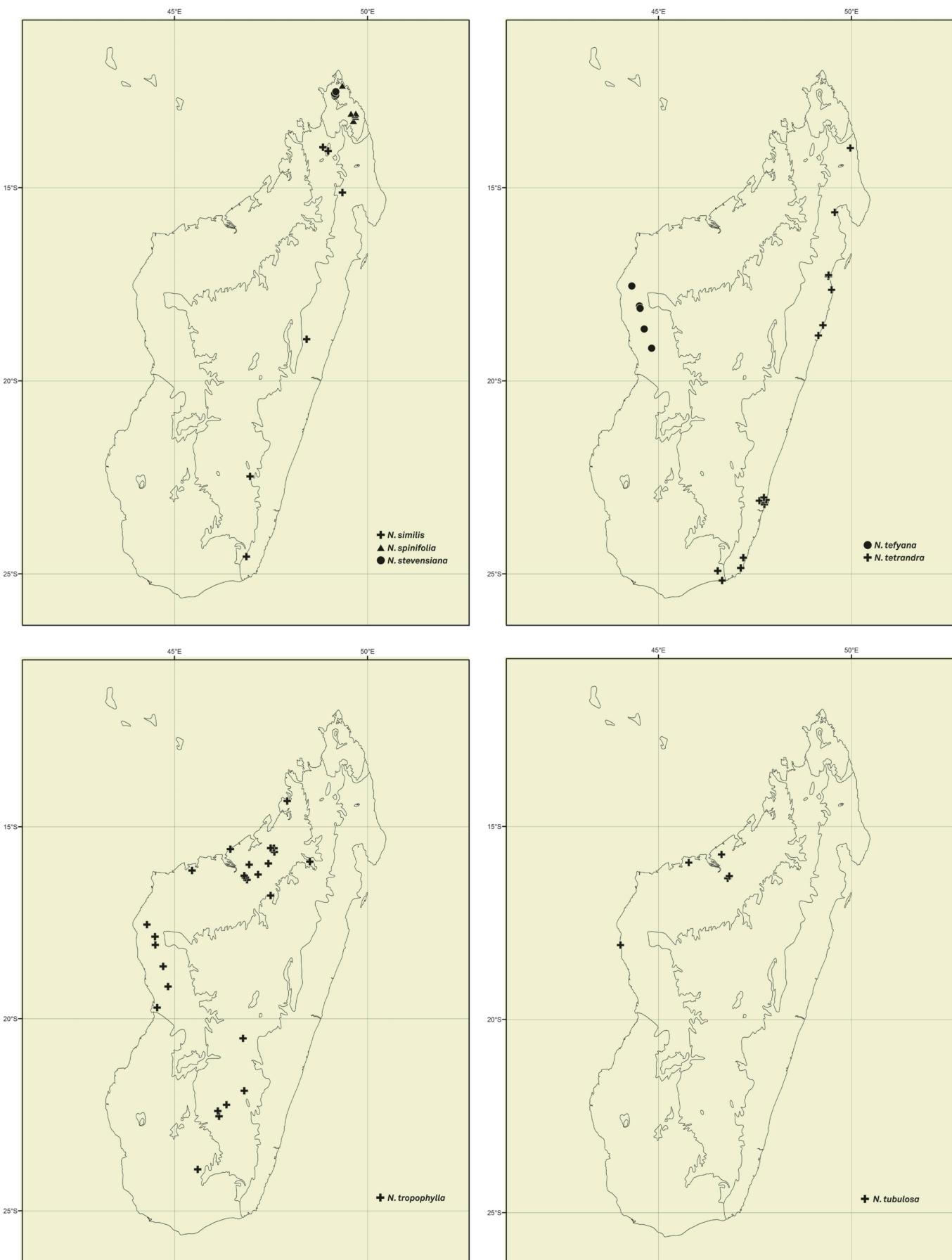
**Paratypi** **MADAGASCAR. Prov. Antsiranana:** Massif du Tsaratanana, vallon d'Ambatoafy, [13°49'S 48°44'E], XI.1966, Morat 2431 (P, TAN); *ibid. loc.*, haut bassin de la Maevarano, [13°58'12"S 48°50'24"E], 1750-2000 m, 6.XI.1966, Service Forestier 24980 (P, TEF). **Prov. Fianarantsoa:** Ivohibe RS, 22°28'12"S 46°57'36"E, 900 m, 9.X.1997, *Rakotomalaza et al.* 1393 (G, MO, P, TAN). **Prov. Mahajanga:** Befandriana-Nord, Matsoandakana, Ambotaharanana Andranomena, 15°07'48"S 49°20'38"E, 1146 m, 15.II.2008, Bernard 836 (MO, P, TAN). **Prov. Toamasina:** Analamazaotra RS, [18°56'S 48°26"E], 15.X.1953, Service Forestier 8566 (P, TEF); *ibid. loc.*, [18°56'S 48°26"E], 10.XI.1954, Service Forestier 12162 (P, TEF). **Prov. Toliara:** Andohahela PN, 24°33'S 46°52"E, 700-850 m, 2.XII.1989, McPherson 14577 (K, MO, P, TAN).

**Fig. 61.** *Noronhia similis* Hong-Wa.

- A. Flowering and fruiting branch;
- B. Abaxial side of leaf blade;
- C. Adaxial side of leaf blade;
- D. Flower;
- E. Inner side of corolla;
- F. Pistil;
- G. Stamen.

[Morat 2264, MO] Drawings: R.L. Andriamiarisoa





**Fig. 62.** Distribution maps of species of *Noronhia* Stadtm. ex Thouars. *N. similis* Hong-Wa to *N. tubulosa* H. Perrier.