

## Two new Terebridae species from the Indo West-Pacific

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**Abstract:** *Terebra dedonderi* sp. nov. and *Terebra poppei* sp. nov. from the Indo West-Pacific are hereby described.

**Introduction:** Around the same time, specimens originating from 3 different localities were brought to my attention as being unidentifiable at the time. Guido T. Poppe offered me a selection of specimens from the Philippines. Amongst the lot was one species that puzzled me and required further investigation. A few months later, Fernand and Rika De Donder showed me a few unidentifiable specimens from deeper water around Aliguay, Philippines. After a first selection, two unidentified species were retained, one being the same species as Guido Poppe brought back and one closely related but clearly different. I retrieved similar specimens from Papua New Guinea in my personal collection and from the collection of the KBIN, Brussels.

While studying the juveniles, it appeared that both species were extreme forms of one another, closely related to *Terebra polygyrata* Deshayes, 1859, *Terebra fuscotaeniata* Thiele, 1925 and *Terebra textilis* Hinds, 1844, but after careful investigation of adult specimens, both species could be clearly distinguished from one another and from their close relatives. Both species are hereby proposed as new to science.

### Abbreviations:

AMS	Australian Museum, Sydney, Australia
ANSP	Academy of Natural Sciences, Philadelphia, PA, USA
BA	Private collection of Bruno Anseeuw, Belgium
FRD	Private collection of Fernand and Rika De Donder, Belgium
GTP	Private collection Guido T. Poppe, Belgium
JC	Private collection of Javier Conde, Spain
KBIN	Koninklijk Belgisch Instituut voor Natuurwetenschappen, Brussels, Belgium
MNHN	Muséum national d'Histoire naturelle, Paris, France
NHM	Natural History Museum, London, UK
NHM LAC	Natural History Museum of Los Angeles County, USA
NMNH	National Museum of Natural History, Washington, DC, USA
NSMT	National Science Museum, Tokyo, Japan.
PLC	Private collection of Pete L. Cresswell, New Zealand.
WAM	Western Australian Museum, Perth, WA, Australia
YT	Private Collection Yves Terryin, Belgium
ZSM	Zoologische Staatssammlung München, Munich, Germany

Class GASTROPODA Cuvier, 1797  
 Family TEREBRIDAE Mörch, 1852  
 Genus *Terebra* Bruguière, 1789

*Terebra dedonderi* sp. nov.  
 (figs a-e)

### Type material:

**Holotype:** KBIN. IG n° 30019. 23.2 x 4.8 mm. Dredged at 36-50 m. Hansa Bay, Madang Province, Papua New Guinea.  
**Paratypes:** **Paratypes 1-28:** Dredged at 36-50 m. Hansa Bay, Papua New Guinea. **Paratype 1 & 2:** MNHN. 21.5-25.0 x 4.2 mm. **Paratype 3 & 4:** KBIN. IG n° 30019. 13.7- 15.5 x 3.0-3.5 mm. **Paratype 5 & 6:** FRD. 16.0-23.0 x 3.5-4.8 mm. **Paratype 7 & 8:** GTP. 17.5-18.2 x 4.0 mm. **Paratype 9-17:** YT. 13.0-25.4 x 2.8-5.0. **Paratype 18:** NHM. Reg.No. 20030527. 15.0 x 3.8 mm. **Paratype 19:** NHMLAC. 16.8 x 4.0 mm. **Paratype 20:** ANSP. 15.5 x 3.5 mm. **Paratype 21:** NSMT. 17.6 x 4.0 mm. **Paratype 22:** AMS C.205268. 15.7 x 4.0 mm. **Paratype 23:** NMNH. 18.2 x 4.0 mm. **Paratype 24:** WAM. 17.8 x 4.0 mm. **Paratype 25:** PLC. 16.4 x 3.9 mm. **Paratype 26:** ZSM. 19.0 x 4.0 mm. **Paratype 27:** JC. 15.2 x 3.8 mm. **Paratype 28:** BA. 15.4 x 3.6 mm. **Paratype 29-34:** Dredged off Digos at 200-400 m. Davao del Sur, Davao,

Philippines. **Paratype 29-33:** FRD. 18.6-21.5 x 4.4-4.7 mm. **Paratype 34 :** YT. 21.0 x 4.6 mm.

**Other material studied:**

**FRD:** 1 spm. Trawled at 100-200 m. Magellan Bay, Cebu, Mactan Island, Philippines.

**FRD:** 1spm. Trawled at 240 m. Aliguay Island, N Dipolog, Philippines.

**FRD:** 13 spms. Dredged off Digos at 200-400 m. Davao del Sur, Davao, Philippines.

**KBIN:** I.G. n° 26.132. 2 spms. Trawled at 36 m. Hansa Bay, Papua New Guinea. 1978.

**KBIN:** I.G. n° 26132. 1 spm. Dredged at 250 ft. Legoarant Island, Papua New Guinea. 1978.

**KBIN:** I.G. n° 26132. 3 spms. Trawled at 36 m. Hansa Bay, Papua New Guinea. 1979.

**KBIN:** I.G. n° 26132, 1 spm. Trawled at 70-100 ft. Nubia, Papua New Guinea. 1979.

**KBIN:** I.G. n° 26132, 2 spms. 36-50 m. Hansa Bay. Papua New Guinea.

**KBIN:** I.G. n° 26132, 3 spms. Trawled at 50 m. Hansa Bay, Papua New Guinea.

**YT:** 9 spms. Dredged at 36-50 m. Hansa Bay. Papua New Guinea.

**Type Locality:** Dredged at 36-50 m. Hansa Bay, Papua New Guinea.

**Description:** Shell light, small and slender, up to 25 mm in length. Colour white with a light brown spiral band covering the subsutural band and a fourth of the whorls. Most specimens have a secondary spiralling band at midwhorl.

Protoconch consists of 4-5 whorls, translucent, colour white.

Outline of whorls convex, measure of which increases with number of whorls.

Difference between subsutural band and body whorl hardly discernable. Subsutural groove not deep and hardly present on the axial ribs.

Axial sculpture consists of ribs, 17-20 in number, measured on the penultimate whorl of holotype and paratype 2.

Spiral sculpture of the subsutural band consists of 7-8, fine, evenly wide, closely set riblets. Spiral sculpture of the body whorl consists of 8-10, heavier, irregularly in width, wider spaced, ribs. The ribs on the body whorl have on average twice or thrice the width of those on the subsutural band.

Aperture elongate, outer lip thin with rib pattern showing through, columella curved, surface of collumellar fasciole irregular.

**Habitat:** All the specimens were retrieved from a muddy bottom. Bathymetrical range of about 30-240 m.

**Distribution:** Only known from the north of Papua New Guinea and the south of the

Philippines as described in the type series and other studied material.

**Derivatio nominis:** *Terebra dedonderi* sp. nov. is here named in honour of Fernand De Donder, a conchologist with an eye for detail and a love for bringing the less known shells to the attention of collectors.

