

Terebra troendlei Bratcher, spec. nov.

(Figures 3 and 4)

Diagnosis: A medium sized white shell with orange spots on a flat subsutural band and with axial ribs on the early whorls, the later whorls being smooth.

Description: Shell size medium; color, white with low gloss, ornamented with orange blotches on subsutural band; outline of whorls weakly convex; protoconch of 3 conical whorls; sculpture of earliest whorls of teleoconch of indistinct axial ribs; ribs becoming strong at 4th whorl, fading again at 10th whorl; no spiral sculpture except for a microscopically punctate groove marking the flat subsutural band; orange blotches on band beginning at 8th whorl; body whorl smooth except for subsutural groove and microscopic axial striae; aperture quadrate; columella curved, with one weak plication at anterior end; siphonal fasciole with fine striae and a sharp keel.

Dimensions: Holotype 27.6 x 7.9 mm. Paratypes from 11.9 x 2.9 mm to 33.5 x 8.3 mm.

Type Locality: Entrance to Hana Hevane Bay, Tahuata Island, Marquesas, depth 10 meters, sand bottom.

Type Material: Holotype, MNHN. Paratypes AM no. C122397 (1); AMNH no. 181848 (1); BM(NH) no. 198023 (1); CAS no. 60676 (1); MNHN (4); MORG no. 21.175 (1); USNM no. 773511 (1); Bratcher coll. (4); Cernohorsky coll. (1); Mabry coll. (1); Tröndle coll. (4).

Distribution: Marquesas Islands.

Discussion: In shape this species resembles both *Terebra chlorata* Lamarck, 1822 and *T. felina* Dillwyn, 1817, though the whorls are shorter than those of either species. The color pattern differs from both. *Terebra chlorata* has orange blotches, stripes, and markings throughout the shell in addition to those on the band; *T. felina* has orange dots posterior to the suture rather than on the band. The protoconch of *T. chlorata* differs from that of *T. troendlei*, though that of *T. felina* is similar. The holotype of this species was illustrated by Salvat & Rives as *Terebra* sp. "A" in *Coquillages de Polynésie*. Of the 21 specimens examined, 18 had cracks in the shell, many of them large. All had been mended.

This species is named for Jean Tröndle of Tahiti, who first brought it to my attention.

BRATCHER 1981
VOLUME VOL 23 (4) p 330

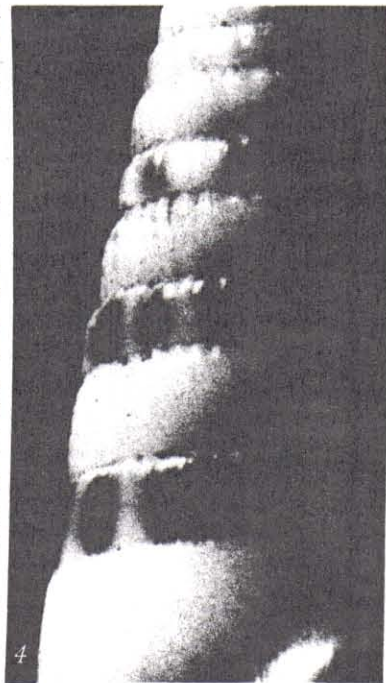
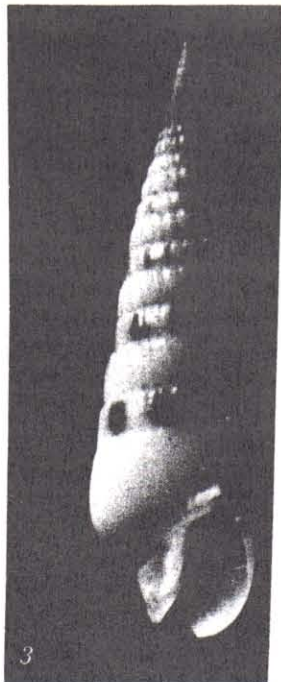


Figure 3: *Terebra troendlei* Bratcher, spec. nov. Holotype MNHN
× 3½

Figure 4: Same specimen as in Figure 3

TROENDLEI (1)

BRATCHER 1981

(18)

(V)

TRÖNDLE
BRATCHEE 1981
✓ (18)



Twila Bratcher (Veliger, 1981, 23(4): 329-332) described four new Indo-Pacific *Terebra*. These new species were:

Terebra troendlei Bratcher is a medium-size white shell with orange spots on a flat subsutural band with axial ribs on the early whorls and smooth later whorls. It was compared with *T. chlorata* Lamarck and *T. felina* Dillwyn. It was previously illustrated as *Terebra* sp. A by Salvat & Rivers in *Coquillages de Polynesie*. The type locality is Tahuata Island, Marquesas Islands. The holotype and 20 paratypes were examined.

HSN 02781

29. *Terebra troendlei* Bratcher, 1981
(figure : 31)

de cette espèce qui nous a été cordialement dédiée par T. BRAT-
CHER, nous avons représenté l'Holotype conservé au Muséum
National d'Histoire Naturelle de Paris (Holotype déjà figuré par
ALVAT et RIVES dans « Coquillages de Polynésie » : *Terebra*
D. A. 25 mm, n° 392). C'est la deuxième espèce endémique des îles
Marquises. Elle possède une certaine ressemblance avec *T. macu-
lata* juvénile, mais peut plutôt être confondue avec *T. felina*. Elle
diffère de cette dernière par sa taille plus petite et surtout par l'em-
placement de l'alignement des petites taches brunes qui, dans le cas
de *T. troendlei*, est situé sous la suture. Taille moyenne adulte :
1.5 cm.

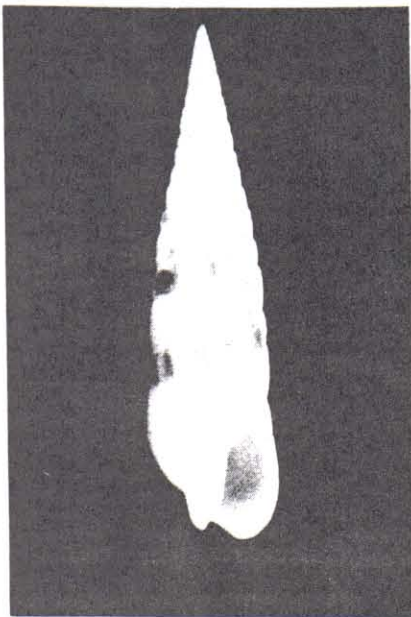


Figure 31 : *Terebra troendlei* Bratcher, 1981
HOLOTYPE, Museum de Paris : 25 mm
(Baie de Hana Hevane - Marqueses
(Photo G. RICHARD)

X15



Terebra troendlei Bratcher, 1981

Entrance to Hana Hevane Bay, Tahuata Island, Marquesas Is.,
French Polynesia, depth 10 meters, sand bottom.

"In shape this species resembles both *Terebra chlorata* Lamarck,
1822 and *T. felina* Dillwyn, 1887, though the whorls are shorter
than those of either species. The color pattern differs from both.
The holotype of this species was illustrated by Salvat & Rives
as *Terebra* sp. "A" in *Coquillages de Polynesie*."

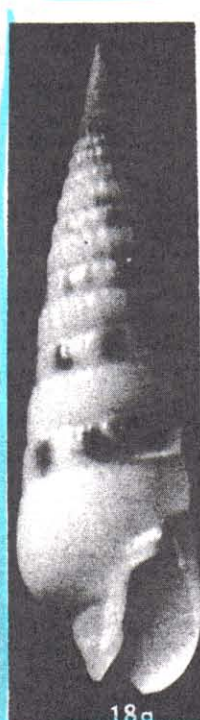
Terebra troendlei Bratcher, 1981
HOLOTYPE, Tahuata Island.

O.S.S. 12/12/81
↓
OFFSEA AND SHORE

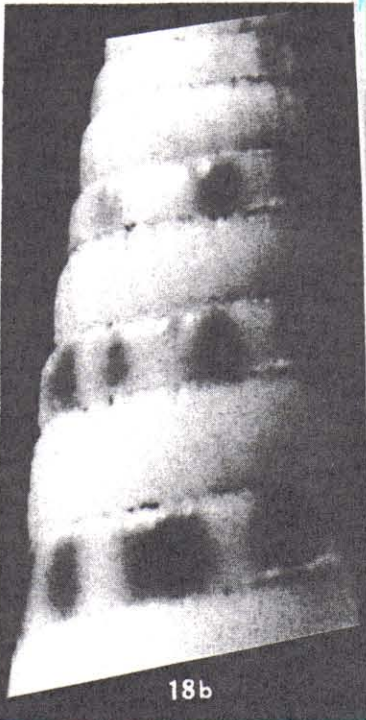
10: *Terebra troendlei* Bratcher; paratype; Marqueses Is.;
30.4 mm. (sp. 18).



10



18a



18b

FIGS. 18a,b, *Terebra troendlei* Bratcher. Marqueses Is. 18a,
Holotype Museum National Histoire Naturelle, Paris; 27.6
mm. 18b, Middle whorls of holotype.

18. *Terebra troendlei* Bratcher, 1981
(Pl. 6, figs. 18a-b)
(Color pl. E, fig. 10)

1981 *Terebra troendlei* Bratcher, Veliger 23(4):330, figs. 3-
4. 1984 Salvat and Rivés, Shells of Tahiti p. 136, pl. 35,
fig. 6; 1984 Trondle, Xenophora 15:13, fig. 31.

Description: Shell to 34 mm; color white with
low gloss, with orange blotches on subsutural
band; outline of whorls weakly convex; proto-
conch of 3 conical whorls; subsutural band flat,
defined by microscopically punctate groove and
suture; axial ribs on early whorls fading to mac-
roscopic striae; spiral sculpture absent; aperture
quadrate; columella curved, with one weak plica-
tion.

Type locality: "Entrance to Hana Hevane Bay,
Tahuata Is., Marquesas Is., 10 m." Collected by
and named after Jean Tröndle of Tahiti.

Distribution: Endemic to the Marquesas Is.;
subtidal to 10 m.

Type: Holotype MNHN Paris; 27.6 × 7.9 mm.

Discussion: No work has been done on the feed-
ing type of this species, but it would be interest-
ing to know if it has the same feeding habits and
apparatus as *T. felina* and *T. chlorata*, as all
three species have shells of the same shape.
Refer to *T. felina* (17) for comparison.

B-18-147