

182. *Terebra iola* Pilsbry & Lowe, 1932

(Pl. 47, figs. 182a-c)

- 1932 *Terebra (Microtrypetes) iola* Pilsbry & Lowe, Proc. Acad. Nat. Sci. Philadelphia 84:43, pl. 1, fig. 3; 1958 Keen, Seashells Trop. W. America ed. 1:489, fig. 950.
 1971 *Terebra iola* Pilsbry & Lowe, Bratcher & Burch in Keen, Seashells Trop. W. America ed. 2:678, fig. 1544; 1984 Aubry, Terebridae pl. 7.

Description: Shell to 19 mm; color uniform light brown; outline of whorls turreted; protoconch of $2\frac{1}{2}$ whorls; subsutural groove absent; axial ribs swelling slightly below suture, about 14 per whorl; spiral cords fine, about 15 per whorl, crossing faintly over ribs; aperture elongate; columella curved.

Type locality: "Mazatlan, Mexico; 20 fms."

Distribution: Santa Maria Bay, outer coast of Baja California, Mexico, to Mazatlan, Mexico; intertidal to 55 m.

Type: Holotype ANSP no. 155289; 14.0 × 3.4 mm.

Discussion: This is the type species of the subgenus *Microtrypetes* Pilsbry & Lowe, 1932. They diagnose the genus: "Axial ribs continuous; no subsutural band; one weak fold on the columella. Subgenus of *Terebra*." There is little variation in this species except that some specimens are more slender than others. This species may be distinguished from *T. mariato* (181) by its turreted outline, more widely spaced axial ribs, and well-developed spiral sculpture. β-172-158



182a-c, *T. iola* Pilsbry & Lowe. 182a, Holotype Academy Natural Sciences, Philadelphia No. 155289; 14.0 mm. 182b, Mazatlan, Sinaloa, Mexico; 19.4 mm. 182c, Guaymas, Sonora, Mexico; 11.5 mm.

IOLA (2)
 PILSBRY & LOWE
 1932
 (V) (182)

x1



x4



Terebra (Microtrypetes) iola, new species. Plate 1, fig. 3.

Mazatlan, 20 fathoms (Lowe). Type 155289 ANSP.; paratypes in Lowe collection.

The verona-brown shell has slightly convex lateral outlines, and is composed of $11\frac{1}{2}$ whorls (without the nucleus); these are swollen below the suture, elsewhere nearly flat. Axial sculpture of rounded ribs not as wide as their intervals, 16 on the last whorl. The intervals are cut by fine impressed spirals, into spiral threads, about 11 on the penult whorl, which do not pass over the smooth crests of the ribs. The siphonal fasciole is bounded by an acute cord. The internal axis is stout, cylindrical, abruptly excavated next to the anterior partition, and thus might be described as with a fold.

Length 14 mm., diam. 3.4 mm.

This species is like *T. mariato* in having no subsutural fasciole. By the key to subgenera in Nautilus 37:51 it would come to *Acuminea*, which however differs radically in various characters. For this species and *T. mariato* we propose

MICROTRYPETES, new subgenus

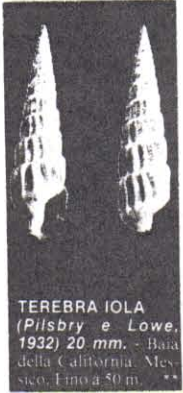
type *T. iola*, characterized by having continuous ribs with no subsutural fasciole differentiated, and a weakly one-folded axis. P 4 L 1932 p 43



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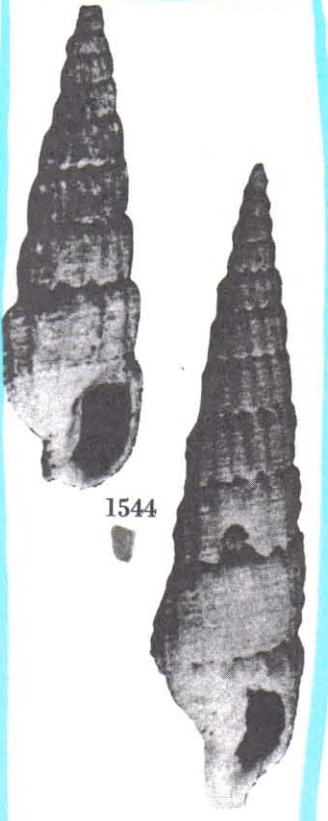
light brown; to approximately 20 mm. intertidal zone and offshore. USNM 264803)

Terebra iola Pilsbry & Lowe
 EASTERN MEXICO S.K.



TEREBRA IOLA
 (Pilsbry & Lowe, 1932) 20 mm. - Bahia de la California, Mexico. Fino a 50 m. **

AUG 1932 P 7



1544

1544. SDSNH, paratypes

1544. Terebra iola Pilsbry & Lowe, 1932. The type of the subgenus *Microtrypetes* Pilsbry & Lowe, 1932. The shell is uniformly light brown in color, with continuous axial ribs that swell slightly anterior to the suture. Interspaces are wider than the axial ribs and are faintly crossed with fine spiral lines. The aperture is elongate, the columella curved, with a faint plication. Length, 19 mm; diameter, 5 mm. Santa Maria Bay, outer coast of Baja California, to Mazatlan, Mexico, intertidally and offshore to 55 m.

87K 1678

Terebra iola Pilsbry & Lowe, 1932

(Fig ~~10~~) 50

Descrizione originale:

1932, Proc. Acad. Nat. Sci. Philadelphia 84:43.

"The veron-brown shell has slightly convex lateral outlines, and is composed of $11\frac{1}{2}$ whorls (without the nucleus); these are swollen below the suture, elsewhere nearly flat. Axial sculpture of rounded ribs not as wide as their intervals, 16 on the last whorl. The intervals are cut by fine impressed spirals, into spiral threads, about eleven on the penult whorl, which do not pass over the smooth crests of the ribs. The siphonal fasciole is bounded by an acute cord. The internal axis is stout, cylindric, abruptly excavated next to the anterior partition, and thus might be described as with a fold.

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MICROTRYPETES, new subgenus

type T. iola, characterized by having continuous ribs with no subsutural fasciole differentiated, and a weakly one-folded axis.

Locus Typicus: "Maratlan, Mexico"

Olotipo: ANSP no 155289

Lunghezza: fino 14mm

E' una fasciole Terebra di colore scuro. Gli esemplari da noi studiati misurano tutti intorno ai 10mm. Provenienti alcuni da La Cruz, Banderas Bay, altre del Sud di Santa Cruz, Nayarit, Mexico - e vennero dragati dai 20 ai 50 feet, in unad bottom alcuni ~~altri~~ esemplari condotti. Le distinguo da T. mariato Pilsbry e Lowe, 1932, primo fu tutta l'opera in quest'ultima di un'evidente banda sottomarina. Più numerosi sono.