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54. *Terebra waikikiensis* Pilsbry, 1921(Pl. 16, figs. 54a-b)  
(Color pl. D, fig. 14)

1921 *Terebra waikikiensis* Pilsbry, Proc. Acad. Nat. Sci. Philadelphia 69:305, pl. 12, fig. 12; 1960 Weaver, Hawaiian Mar. Moll.1(3):10, pl. 3, fig. lower right; 1974 Quirk & Wolfe, Sea shells Hawaii, pl. 14, fig. 10; 1978 Cernohorsky, Trop. Mar. Shells p. 147, pl. 52, fig. 8; 1979 Kay, Hawaiian Mar. Shells p. 403, fig. 130j; 1981 Kosuge, Bull. Inst. Malac. Tokyo 1(6):93, pl. 31, fig. 7.

**Description:** Shell to 60 mm; color shiny white with vertical pairs of orange-brown, regularly spaced dots between subsutural band and following suture; outline of whorls flat, turreted; protoconch of 2 conical whorls; noded subsutural band followed by a second row of nodes; remainder of whorl with axial ribs, 22 to 26 on penultimate whorl, crossed by 2 or 3 coarse spiral cords, forming rectangular grooves or pits between intersections, aperture moderately quadrate; columella with fold and moderate parietal callus in mature specimens.

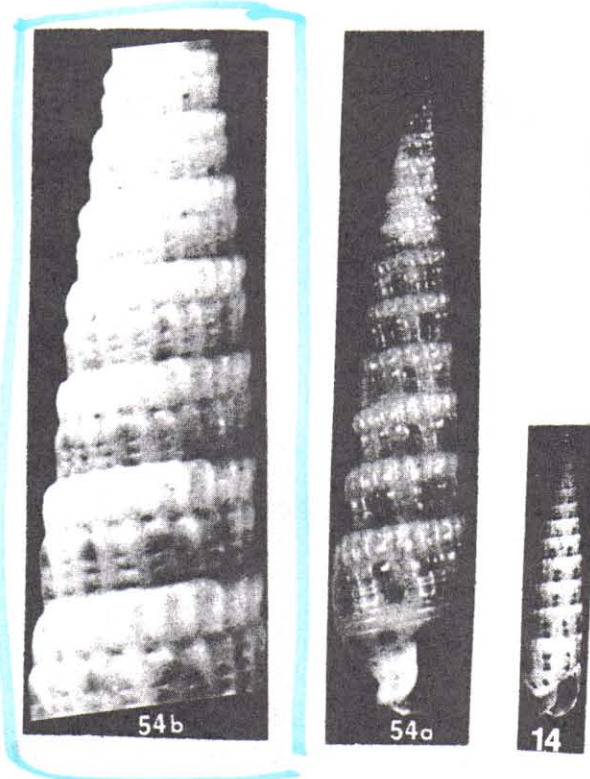
**Type locality:** "Off Waikiki, Oahu, Hawaii, 25-50 fms."

**Distribution:** From the Philippines to the Hawaiian Is. In the Hawaiian Is. the species occurs at depths of 50 to 200 m, often in beds of *Pinna* shells.

**Type:** Holotype ANSP no. 117030; 29.7 × 6.8 mm.

**Discussion:** This uncommon shell usually is dredged from deep water. *T. elliscrossi* (48) also has paired brown dots, but they are smaller and scattered at random, not regularly spaced. It is slightly longer and is more slender, reaching a length of 82 mm. With holotypes of approximately the same width, the length of *T. elliscrossi* is 42 mm while that of *T. waikikiensis* is 29.7 mm.

B-54-174

14: *Terebra waikikiensis* Pilsbry; Hawaii; 23.6 mm.54a,b, *T. waikikiensis* Pilsbry. 54a, Oahu, Hawaiian Is.; 35.0 mm.

54b, Middle whorls of holo-type.

WAIKIKIENSIS(2)

PILSBRY 1921 (54)

(V)

SEE ALSO AT VICDANI

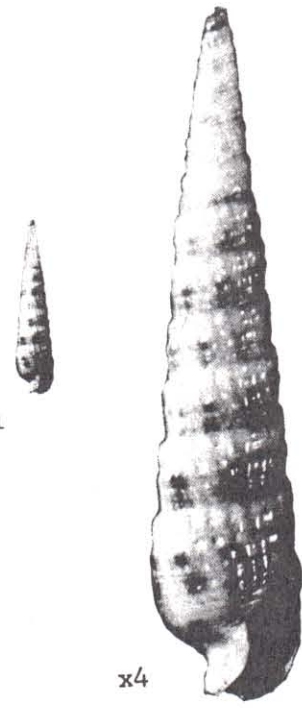
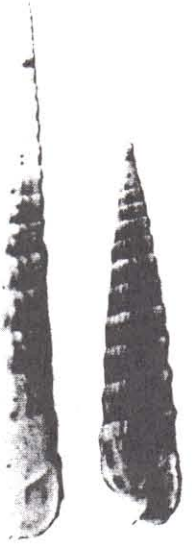
off Barber's Point while the extremely rare *Terebra waikikiensis* Pilsbry, 1921, came up from slightly shallower water, 1000 ft.

HSN FEB 65

By RICH SALISBURY

Several new species of *Terebra* have been described recently. Two of these are found around the Hawaiian Islands. HSN Aug. 1978 listed approximately 50 *Terebra* species. *Hawaiian Marine Shells* by Dr. Alison Kay lists 43. Both sources will be used as references for this update.

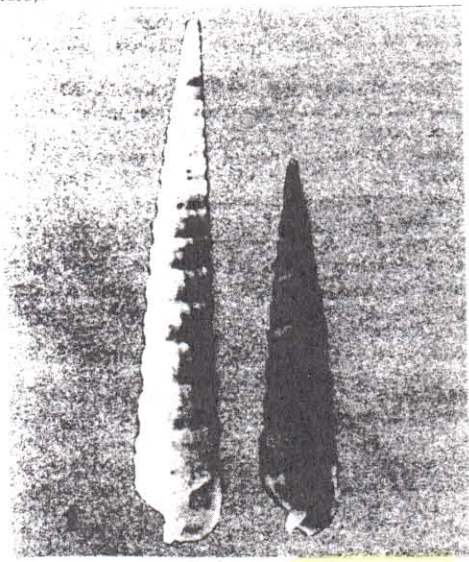
*Terebra elliscrossi* Bratcher, 1979 (Fig. 1) is figured here with *Terebra waikikiensis* Pilsbry, 1921 (small shell). The specimen of *elliscrossi* was dredged in 200 fathoms, while the smaller species is typically found at 50 fathoms. Both species can be found in deep water off the island of Oahu (Honolulu).



x1

x4

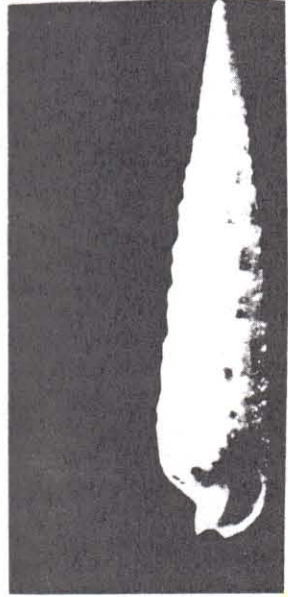
*Terebra* sp. No. 5 *T. waikikiensis* HSN AUG 78  
*Terebra* sp. No. 5 is represented by a single shell in the collection of E. R. Cross. It is white, similar to *T. waikikiensis*, but is narrower, more constricted at the sutures, and has fewer spots. The specimen was dredged by Cross from approximately 1,200 feet. Personally, I regard this as a very deep-water form of *waikikiensis*.



HSN JAN 83

Cream-white with three rows of indistinct reddish-brown spots on body whorl; to approx. 20 mm. In fairly shallow water.

*Terebra waikikiensis* Pilsbry HAWAII S.K.



HSN OCT 79

*T. waikikiensis*  
*Terebra elliscrossi* should be compared with several other Indo-Pacific species. *Terebra waikikiensis* Pilsbry, 1920, an endemic Hawaiian species, is also shiny white with pairs of small fulvous dots, but it has a turreted outline and is smaller, to 35mm. The dots, always in pairs, are placed at regular intervals.

*Terebra waikikiensis* n. sp. Pl. XII, fig. 12.

The shell is slender, slowly tapering, white, with three spiral series of chestnut dots on the last, two on the preceding whorls; these dots are also in vertical series, of which there are about 8 on the last whorl. Sculpture of rounded axial ribs equal to their intervals, about 21 on the last whorl. The ribs are deeply sinuated by the presutural groove, which is rather deep between them, and defines a wide presutural band. Below the groove there are three or four furrows across each intercostal interval, and above, near the suture there is one such furrow. The last whorl is convex with numerous spiral cords. Aperture small, the anterior canal recurved. The columella is biplicate within.

Length 30, diameter, 6.7, aperture 6 mm.; 17 whorls.

Off Waikiki, Oahu, in 25 to 50 fms. D. B. Langford.

In form and color somewhat like *T. decorata* Desh. (Proc. Zool. Soc. 1859, p. 314, no. 214), which is said by Reeve to be identical with *T. tessellata* Gray (P. Z. S. 1834, p. 61); but that species is entirely distinct in sculpture.

PLSB 1921 P 306



12.



**Terebra waikikiensis** Pilsbry, 1921

Plate 52 Figure 8

Shell about 25-30mm in length, slender, whorls flat, sculptured with close-set, coarse and slightly oblique axial ribs, sutures constricted by a spiral groove which produces a row of larger, axially oriented nodules posteriorly and a smaller row of nodules anteriorly, lower half of each whorl with additional 2-4 spiral cords. White in colour, anterior half of whorls ornamented with axially oriented brown spots.

Rare. Apparently endemic to the Hawaiian Islands; subtidal.

C 78, 147

8. *T. waikikiensis* Pilsbry. Hawaiian I. To 1 1/4 inches. P. 7

*Terebra waikikiensis* Pilsbry, 1920

(Pl. 31, f. 7)

1920 *T. waikikiensis* Pilsbry, Proc. Acad. Nat. Sci. Philadelphia, pp. 305-6.

1978 *T. waikikiensis*: Chernohorsky, Trop. Pacif. Mar. Shells, pp. 147-8, pl. 52, f. 8.

1979 *T. waikikiensis*: Kay, Hawaiian Mar. Shells, p. 403, f. 130 J.

Present single material is larger than the original one about twice (Height 60.2 mm, Breadth 10.8 mm), and the shell has 24 whorls including three smooth, glossy nuclear whorls (Height 30 mm, breadth 6.7 mm and 17 whorls in the type material). Sculpture and color pattern agree well with the descriptions given by the above authors for the species.

Present figured specimen is collected from Bohol Island and preserved in the Institute of Malacology of Tokyo. (IMT-81-8)

KOSOGI 1981 BOHOL ISLAND, PHILIPPINES (16) p. 93

fig. 7. *Terebra waikikiensis* Pilsbry (see p. 93). Bohol Id., Philippines (60.2 × 10.8 mm).

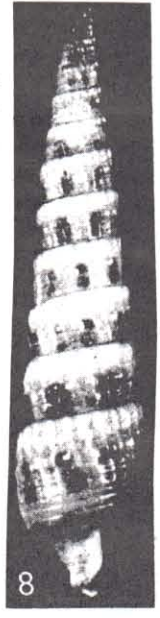


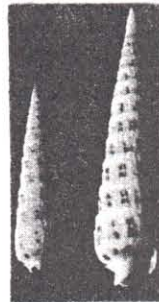
PLATE 3, LOWER RIGHT

***Terebra waikikiensis*<sup>4</sup> Pilsbry 1920**

Length: 39 mm.

Distribution: Hawaiian Islands

Habitat: Deep water (very rare)



4. The population center of *T. waikikiensis*, one of Hawaii's rarest *Terebra*, appears to be at the 40 fathom level. This slender, tapering shell is white with two spiral bands of chestnut dots below the suture, three such bands on the last whorl. Sculpturally, the rounded axial ribs are deeply notched by the presutural groove, about 20 on the last whorl. These ribs are crossed by fine spiral cords, about 15 on the convex body whorl. The aperture is small and the anterior canal recurved. Its average length is 26 mm. Original description of *T. waikikiensis* Pilsbry 1920: H. A. Pilsbry, Marine Mollusks of Hawaii, Parts 8-13. Proc. Acad. Nat. Sci. Phila., 1920, Vol. 69, p. 305. WEAV 1960 Vol 11 n° 3

*Terebra waikikiensis* Pilsbry, 1921. Fig. 130 J. Length, 30 mm; diameter, 7 mm.

*Shell*: slender, elongate; subsutural band defined by a spiral of punctures, noded; remainder of whorls with close-set axial ribs and spiral striae; white with spirals of chestnut spots. *Spire*: protoconch of four and one-half white whorls; whorls of teleoconch somewhat concave above the suture; last whorl convex. *Sculpture*: subsutural band defined by punctations, of elevated axial nodules, smooth in the interspaces; remainder of whorls with obsolete axial ribs which are close-set and slender, and with spiral striae. *Aperture*: small, ovate; siphonal canal recurved; columella with a fold. *Color*: white, with three axially arranged spirals of pale chestnut spots on the last whorl, two on the apical whorls.

These terebrids are found at depths of from 50 to 200 m.

*T. waikikiensis* was described from the Hawaiian Islands. A KAY 1978 p. 403



J. *T. waikikiensis*, length 30 mm.