

169. *Terebra shyana* Bratcher & Burch,  
1970

(Pl. 44, figs. 169a-d)

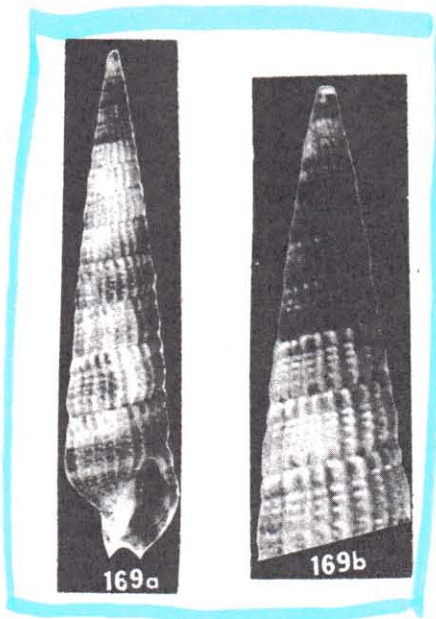
- 1970 *Terebra shyana* Bratcher & Burch, Veliger 12(3):295, pl. 44, figs. 9, 10 (Jan. 1, 1970); 1971 Bratcher & Burch in Keen, Seashells Trop. W. America ed. 1:684, fig. 1564; 1984 Aubry, Terebridae pl. 8.  
1970 *Terebra purdyae* Bratcher & Burch, Contrib. Sci. Los Angeles Co. Mus. Nat. Hist. 188:5, figs. 5, 6 (May 4, 1970); Bratcher & Burch in Keen ed. 2:682, fig. 1559.

**Description:** Shell to 36 mm; color beige with fulvous blotches, sometimes with faintly lighter stripes; outline of whorls almost straight; protoconch of 3 slender conical whorls; subsutural band slightly noded, defined by groove cutting through ribs; sculpture finely cancellate, with about 25 to 37 axial riblets crossed by about 4 or 5 spiral cords, often forming small inconspicuous nodes at intersections, spiral riblets sometimes stronger, often unevenly spaced; aperture quadrate; columella curved.

**Type locality:** *T. shyana*, "Manzanillo, Colima, Mexico. 19°02'N, 104°21'W, 8.5 to 20 m"; *T. purdyae*, "Santa Maria Is., Galapagos Is."

**Distribution:** From the outer coast of Baja California, Mexico, to Peru and Galapagos Is.; 3 to 146 m.

**Type:** *T. shyana* holotype LACM no. 1249, 26.0 × 5.6 mm; *T. purdyae* holotype LACM no. AHF 1182, 13.9 × 3.3 mm, juvenile.



169a-d. *T. shyana* Bratcher & Burch. 169a, Holotype Los Angeles County Museum No. 1249: 26.0 mm. 169b, Upper whorls of holotype.

**Discussion:** This shell has fine cancellate sculpture, although in some individuals the axial sculpture is stronger, causing it to look somewhat more ribbed and less cancellate. It was named for the original collectors, Mr. and Mrs. Carl Shy, of Westminster, California. See *T. panamensis* (168) for comparison. *T. purdyae* is a very young individual of this species. B-163-1450

FIVE NEW SPECIES OF *TEREBRA* FROM THE EASTERN PACIFIC: Twila Bratcher and R. D. Burch, *The Veliger*, Vol. 12: No. 3, page 295-300.

The description of the five new species of *Terebra* resulted when the authors studied a large number of specimens made available to them in their total work on the West American Terebridae. As pointed out by the authors, "Terebra species from West America, in several instances, exhibit variations in shell characteristics which make identification very difficult unless a long series of comparison specimens is available, and good protoconchs are a desirable aid in separating species which have somewhat similar shell characteristics." The work of the authors makes the work of the collector easier.

New species described in this paper include *Terebra shyana* from Manzanilla, Mexico from 17 to 40 fathoms: **USN. FEB 72.**



1564

1564. LACM, holotype, no. 1,249



TEREBRA SHYANA (Bratcher & Burch, 1970) 35 mm. Baja California, Mexico. Da 30 a 40 m. in sabina

**AUBRY PL P**

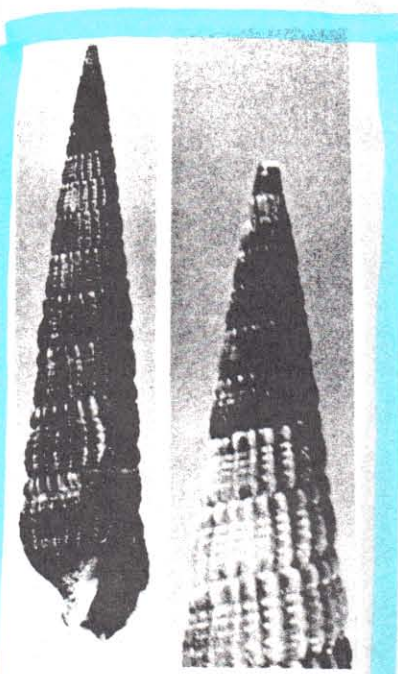


Figure 9

Figure 10

Figure 9: *Terebra shyana* BRATCHER & BURCH, spec. nov. Holotype LACM - AHF no. 1249

Figure 10: *Terebra shyana*, nucleus of same shell as in Figure 9

*Terebra shyana* BRATCHER & BURCH, spec. nov.

(Plate 44, Figures 9, 10) **p295**

**Description:** Size medium, slender; color dark buff with darker fulvous blotches; whorls slightly convex with noded subsutural band set off by well marked suture and subsutural groove; nucleus of 3 glassy slender whorls; early sculpture of numerous slightly curved axial ribs which are equal to their interspaces and of evenly spaced spiral cords (4 on 3<sup>rd</sup> postnuclear whorl) which cross the ribs faintly; ribs continuous from suture to suture with subsutural groove forming elongate nodes on band; in later whorls axial ribs become slightly narrower than interspaces, spiral cords crossing ribs form slight nodes giving a cancellate appearance, and spiral cords are more numerous (6 on penultimate whorl) and less evenly spaced; body whorl of average length with noded axial ribs continuing to periphery and fading out posterior to keel of siphonal fasciole; aperture semi-elongate; outer lip thin with color blotches showing through; columella curved with a slight plication, moderately laminated; siphonal fasciole striate with sharp posterior keel; anterior canal broad and long; length 26.0 mm; diameter 5.6 mm; 14 whorls plus nucleus.

**Holotype:** LACM, Type Collection no. 1249.

**Type locality:** All specimens of the type material were collected at Manzanillo, Colima, Mexico, 19°02' N Lat., 104°21' W Long.; 17 - 40 fathoms; by Laura Shy and Jeanne Frisbey.

**Paratypes:** Paratypes are deposited in the following collections: CAS, Department of Geology, Type Collection no. 13280; SU Conchological Collection no. 9992; USNM no. 679481; Shy; Frisbey; B & B no. 742.

**Other material examined:** In addition to two lots of type material, we have examined 9 lots of this species: CAS no. 27581 from near Santa Isabel Island, Gulf of California; AHF no. 1031-40 from Santa Maria Bay, outer coast of

Baja California; AHF no. 765-38 from Chacaua Bay, Mexico, at 5 - 10 fathoms; AHF no. 1753-49 from north of Coyote Point, Gulf of California; AHF no. 273-34 from Tenacatita Bay, Mexico, at 45 fathoms; AMNH no. 88725 from the Gorda Banks, Gulf of California; AMNH nos. 77796 and 77826 from Coronados Islands, Gulf of California, Mexico.

**Largest specimen examined:** length 36.1 mm; diameter 7.5 mm.

**Discussion:** Specimens vary in the number of axial ribs and spiral cords. One of the largest specimens examined has ribs much narrower than the interspaces and only 4 rows of unevenly spaced spiral cords which cross the ribs without producing a cancellate appearance. The largest specimen appears cancellate from the first postnuclear whorl through the body whorl.

*Terebra shyana* resembles several other *Terebra* species which occur in the Indo-Pacific and Panamic regions. It can be separated from *T. panamensis* DALL, 1908, by the latter's heavier, more cancellate sculpture and less conspicuous subsutural band, while *T. turrita* E. A. SMITH, 1873, of Australia, *T. serotina* ADAMS & REEVE, from Japan and the Philippine Islands, and *T. textilis* HINDS, 1844, of the Indo-Pacific, may be distinguished from *T. shyana* by their more cancellate sculpture, flatter whorls, protoconchs and style of columella. Another Panamic *Terebra*, the description of which is presently in press, has a rather close superficial resemblance to *T. shyana*, therefore a close examination of this species is desirable, especially of the protoconch and of the spiral sculpture anterior to the periphery of the body whorl.

This species is named in honor of Mr. and Mrs. Carl Shy of Westminster, California, for their having collected the first specimens of this species which came to our attention and for their generosity in having made their large collection of specimens available for study.

**B & B 1970 p295-6 - Vol 12(3)**

**SHYANA (2)**  
**BRATCHER & BURCH**  
**1970**  
**(V)** **(169)**