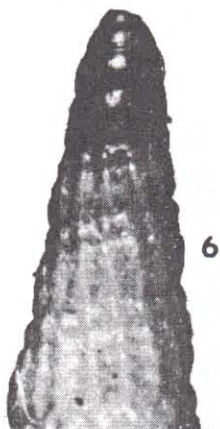


PURDYAE (1)  
 BRATCHER & BURCH  
 1970. (169)  
 = SHYANA



5

5. *T. purdyae* sp. nov. Holotype, LACM-AHF 1182. X 5.



6

6. *T. purdyae*, early whorls of holotype.

***Terebra purdyae*, sp. nov.**

Figures 5-6

**Diagnosis:** A small slender species that differs from other west American species in having finely cancellate sculpture and a straight columella.

**Description of holotype:** Size small, slender; color shiny pale cream with weak fulvous blotches; whorls almost flat, 11 in number plus four purple-beige convex nuclear whorls; suture fairly well defined; barely evident subsutural band of beading, slightly more prominent than beading on remainder of whorl; sculpture finely cancellate, remarkably consistent from second postnuclear whorl through body whorl, consisting of axial ribs (29 on penultimate whorl) crossed by cords (four on penultimate whorl) giving a beaded effect; axial ribs about equal to interspaces; body whorl of medium length with sculpture continuing anterior to periphery but less well defined; aperture elongate and slender; columella straight with no plication; faint siphonal fasciole with posterior keel; anterior canal short, recurved. Length, 13.9 mm; diameter, 3.3 mm.

**Type locality:** North of Santa Maria (Charles) Island, Galápagos Islands, Ecuador, 0° 59' S, 90° 25' W, 70-80 fms., sand and rock bottom, AHF station 195-34, January 29, 1934, 2 specimens.

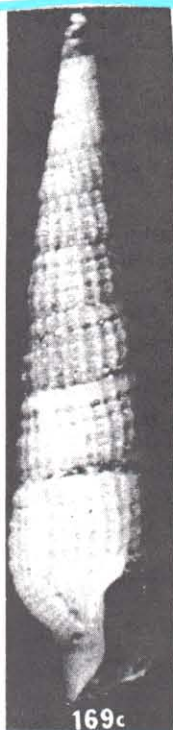
**Type material:** Holotype, LACM-AHF 1182; 1 paratype LACM-AHF 1183. An additional paratype, CAS 13221, is from Post Office Bay, of the same island, 8-10 fms., sand and rock and algae bottom.

**Referred material:** LACM, Hill coll. 1363, Costa Rica, 2 specimens; AHF 201-34, Panama, 4 specimens; USNM 192963, Panama, 4 specimens.

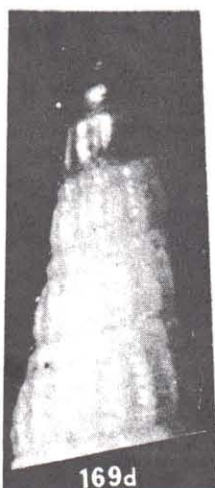
**Discussion:** The sculpture of this species resembles that of *Terebra shyana* Bratcher and Burch, 1970, but *T. purdyae* is a smaller species having a nucleus of four whorls and a straight columella with no plication. *Terebra shyana* has a nucleus of three whorls and a slightly curved columella with a faint plication. *Terebra panamensis* Dall, 1908, also has cancellate sculpture, but it is a heavier, broader shell with coarse sculpture.

*Terebra purdyae* is named for Ruth Purdy of San Diego, California, in recognition of her generosity in sharing specimens, not only with us in our work on Terebridae, but with those studying other families of mollusks.

B & B 1970 ps.



169c



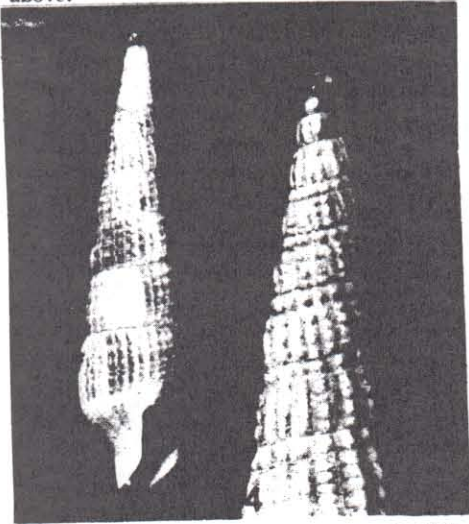
169d

169c, Holotype of *T. purdyae* Bratcher & Burch. Los Angeles County Museum No. AHF-1182; 13.9 mm. 169d. Upper whorls of holotype.



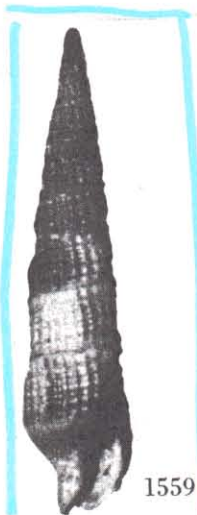
FOUR NEW TEREBRID GASTROPODS FROM EASTERN PACIFIC ISLANDS; Twila Bratcher and R. D. Burch, Contributions in Science, Number 188, May 4, 1970. Los Angeles County Museum of Natural History, 900 Exposition Boulevard, Los Angeles, California 90007. 6 pages, one of which illustrates the four new species.

This brief paper scientifically describes four new terebrids from Eastern Pacific islands: *Terebra hertleini*, *T. jacuelinae*, and *T. purdyae* from the Galapagos Islands, and *T. stohleri* from Socorro Island off the coast of Mexico. These are small shells ranging in size from about 11mm to slightly over 23mm. in length. Copies of this paper may be obtained at a nominal price by writing Virginia D. Miller at the L. A. County Museum at the address given above.



Holotype, *Terebra purdyae* Bratcher and Burch. New Galapagos Is. terebra.

HSN FEB 72



1559

1559. LACM, holotype, no. 1,182

**1559. *Terebra purdyae* Bratcher & Burch, 1970.** The shiny slender shell is pale cream-colored, with inconspicuous tan blotches. Axial ribs are crossed by spiral cords, giving it a finer cancellate sculpture than the larger *T. panamensis*. The aperture is elongate and the columella straight, with a faint plication. Length, 20 mm; diameter, 3 mm. Panama to Peru, in depths of 15 to 146 m. RKB 682

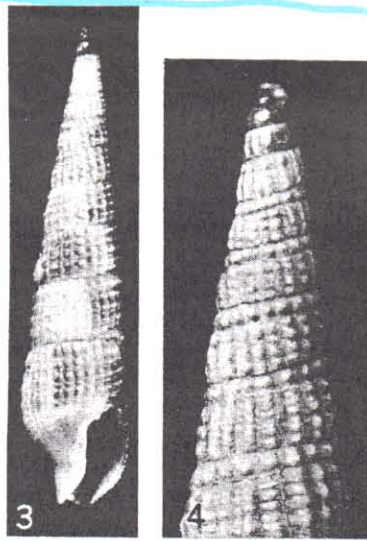


FIGURE 3. *Terebra purdyae* Bratcher and Burch. Holotype no. 1182, Los Angeles County Museum of Natural History, Type Collection. Santa Maria (Charles) Island, Galapagos Islands. Length 13.9 mm., width 3.3 mm.

FIGURE 4. Nucleus, same shell as figure 3.

***Terebra purdyae* Bratcher and Burch.**

(Figures 3, 4.)

*Terebra purdyae* BRATCHER and BURCH, Los Angeles County Mus. Nat. Hist., Contrib. in Sci., no. 188, p. 5, figs. 5, 6, May 4, 1970.

TYPE. Holotype, Los Angeles County Museum of Natural History—Allan Hancock Foundation no. 1182.

TYPE LOCALITY. "North of Santa Maria (Charles) Island, Galapagos Islands, Ecuador, 0° 59' S., 90° 25' W., 70–80 fms., sand and rock bottom."

DISTRIBUTION. Panama to Peru, 16 to 146 meters (8 to 80 fathoms).

DESCRIPTION. Shell small and slender; shiny pale cream color with inconspicuous fulvous blotches; nucleus of four purple-beige convex whorls; remainder of whorls almost flat; suture fairly well marked; barely evident subsutural band of beading slightly more prominent than the bands of beading on remainder of whorl; sculpture finely cancellate (remarkably consistent from second post-nuclear whorl) crossed by cords giving a beaded effect; axial ribs about equal to interspaces; body whorl of medium length; sculpture continuing anterior to periphery but less well defined; aperture elongate and slender, interior being the same color as exterior; columella straight with one microscopic plication; faint siphonal fasciole with posterior keel; anterior canal short, recurved.

DISCUSSION. Although the sculpture of *Terebra purdyae* is one of the most finely cancellate known to us, it does have some general resemblance to several other species. *Terebra panamensis* Dall (1908) is larger, with a coarser cancellate sculpture, fewer ribs, and with interspaces wider than the almost equal interspaces of *T. purdyae*. The fossil species *T. gatunensis* Toula (1908) and the subspecies *T. g. kugleri* Rutsch (1934) from the Neogene of Panama and Venezuela, are much larger species with less cancellate sculpture and wider subsutural bands. *Terebra stohleri* Bratcher and Burch (1970) has more convex whorls and spiral grooves rather than spiral cords. The sculpture of *T. purdyae* most closely resembles that of *T. shyana* Bratcher and Burch (1970) but *T. purdyae* is a smaller, more slender species.

Average size about 13 mm.

B. & B 1971 p 539.

PURDYAE(2)  
BRATCHER & BURCH  
1970 (169)  
= SHYANA