

DESCRIPTIONS OF NEW SPECIES OF MOLLUSKS  
OF THE FAMILY TURRITIDAE FROM THE  
WEST COAST OF AMERICA AND  
ADJACENT REGIONS

BY

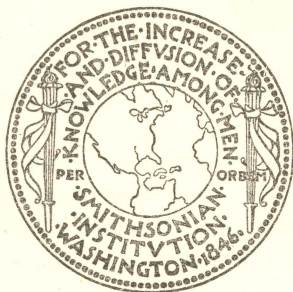
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No. 2288.—From the Proceedings of the United States National Museum,  
Vol. 56, pages 1-86, with Plates 1-24

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*Range*.—Station 3392, Gulf of Panama, U. S. Bureau of Fisheries steamer *Albatross* in 1,270 fathoms, bottom temperature 36.4° F.

**GLYPHOSTOMA THALASSOMA** Dall.

Plate 17, fig. 2.

*Glyphostoma thalassoma* DALL, Bull. Mus. Comp. Zool., vol. 43, No. 6, p. 290, Oct. 1908.

*Range*.—Station 3017, Gulf of California, off Cape Lobos, in 58 fathoms, mud, bottom temperature 61.8° F. Cat. No. 110612, U.S.N.M. The specimen selected for figuring is from 76 fathoms. Cat. No. 223154, U.S.N.M.

**GLYPHOSTOMA ADANA**, new species.

Plate 17, fig. 1.

Shell small, slender, acute, whitish with the aperture more or less tinged with brown; nucleus white, glassy, with a minute globular apex and four subsequent whorls changing abruptly into the sculpture of the six subsequent whorls; the first of the latter has a peripheral keel changing on the next whorl to two and on the later whorls to three equidistant prominent cords with a smaller one behind and another in front of and close to the suture; on the last whorl the latter is obsolete and on the base there are 9 or 10 cords with interspaces widening toward the periphery, of which cords the more prominent are minutely nodulous or swollen when they cross the axial riblets; there is a wide concave anal fasciole in front of the suture with arcuate striation; the whorl at the suture somewhat appressed; axial sculpture is composed of about a dozen rather feeble ribs extending from the anal fasciole forward to the suture, but which are nearly obsolete on the second half of the last whorl; aperture rather narrow, the outer lip varicose, minutely denticulate within and with a sharp edge, the anal sulcus deep and rounded with a nodular callus on the body; inner lip with six or more denticulations; canal short, deep, and strongly recurved. Height of shell, 10; of last whorl, 5; diameter, 3.7 mm. Cat. No. 267597, U.S.N.M.

*Range*.—Head of Concepcion Bay, Lower California, Dr. Paul Bartsch.

This species resembles *G. adria*, but is lighter colored, smaller, and proportionately more slender.

**GLYPHOSTOMA ADRIA**, new species.

Plate 17, fig. 5.

Shell small, slender, acute, pale brownish, or with still paler nebulosity; with three darker brown nuclear whorls, the first minute, the others regularly increasing with a deep suture; subsequent whorls seven, the first peripherally keeled, the periphery rather anterior;



subsequent whorls with a broad spirally striated anal fasciole followed by two or three spiral cords strongest where they cross the ribs and feebler in the interspaces; on the last whorl the cords are less prominent, with about equal spirally striated interspaces, and the cords continue becoming more close-set toward and upon the canal to the number of 15 or more; axial sculpture of (on the last whorl 10, excluding the terminal varix) protractively oblique ribs extending from in front of the anal fasciole stronger on the periphery and obsolete on the base of the whorl; terminal varix strong, the margin incurved smooth; the anal fasciole large, rounded; the lips callous with minute denticulations; the canal short, deep, recurved, the aperture rather narrow. Height of shell, 10; of last whorl, 6; diameter, 4 mm. Cat. No. 269030, U.S.N.M.

*Range*.—Dredged at Santa Maria Bay, Lower California, Dr. Paul Bartsch.

**GLYPHOSTOMA PARTEFILOSA, new species.**

Plate 17, fig. 4.

Shell small, white, with pale brown spiral banding; nucleus small, smooth, glassy, followed by six sculptured whorls; suture distinct, the whorl with a shoulder immediately in front of it; spiral sculpture only of about 13 threads, covering the canal when it is not worn; axial sculpture of (on the last whorl 12) narrow, slightly oblique ribs, arcuate at the shoulder, not continuous over the spire and with wider interspaces; aperture narrow with a flaring anal sulcus and no subsutural callus; pillar short, denticulate, outer lip thickened, dentate within, canal short, recurved. Height of shell, 11; of last whorl, 6; diameter, 4.5 mm. Cat. No. 224413, U.S.N.M.

*Range*.—Off Cape Tepoca, Gulf of California, in 36 fathoms, sand.

**GLYPHOSTOMA SIRENA, new species.**

Plate 17, fig. 3.

Shell elongated slender, acute, waxen white clouded with light brown, nucleus pointed, the first whorl minute, the next two enlarging, all smooth; subsequent whorls seven, at first with a peripheral keel, later strongly ribbed and coarsely reticulated; spiral sculpture of a thread in front of the appressed and undulated suture, then, on successive turns of the spire, two, three and four coarse cords, with subequal interspaces between the fasciole and the suture, prominent only when they cross the ribs and feeble in the interspaces; on the last whorl there are nine of these and a few smaller threads on the canal; the anal fasciole is smooth narrow and close to the suture, undulated by the ends of the ribs; axial sculpture of (on the last

5. *Lora lütkeni* Dall, Alt. 8 mm.; p. 48.
6. *Lora halitropa* Dall, Alt. 6 mm.; p. 40.
7. *Lora pitysa* Dall, Alt. 5.5 mm.; p. 40.
8. *Lora healyi* Dall, Alt. 15 mm.; p. 42.
9. *Lora inequita* Dall, Alt. 11 mm.; p. 44.
10. *Lora diegensis* Dall, Alt. 8.5 mm.; p. 46.
11. *Lora althorpensis* Dall, Alt. 6.5 mm.; p. 49.
12. *Lora sexta* Dall, Alt. 8 mm.; p. 49.

PLATE 17.

- FIG. 1. *Glyphostoma adana* Dall, Alt. 10 mm.; p. 52.
2. *Glyphostoma thalassoma* Dall, Alt. 19.5 mm.; p. 52.
  3. *Glyphostoma sirena* Dall, Alt. 10 mm.; p. 53.
  4. *Glyphostoma parteflosa* Dall, Alt. 11 mm.; p. 53.
  5. *Glyphostoma adria* Dall, Alt. 10 mm.; p. 52.
  6. *Glyphostoma cymodoce* Dall, Alt. 11.5 mm.; p. 54.

PLATE 18.

- FIG. 1. *Philbertia scammoni* Dall, Alt. 7 mm.; p. 57.
2. *Philbertia helena* Dall, Alt. 3.5 mm.; p. 55.
  3. *Philbertia dictynna* Dall, Alt. 3.8 mm.; p. 57.
  4. *Philbertia doris* Dall, Alt. 5.2 mm.; p. 55.
  5. *Philbertia telamon* Dall, Alt. 4 mm.; p. 58.
  6. *Philbertia aethra* Dall, Alt. 8 mm.; p. 57.
  7. *Elaeocyma attalia* Dall, Alt. 8.5 mm.; p. 10.
  8. *Philbertia aegialea* Dall, Alt. 7 mm.; p. 58.

PLATE 19.

- FIG. 1. *Lora antipoda* Dall, Alt. 5 mm.; p. 41.
2. *Cryptogemma adrastia* Dall, Alt. 16 mm.; p. 33.
  3. *Philbertia trichodes* Dall, Alt. 4 mm.; p. 62.
  4. *Daphnella bartschi* Dall, Alt. 9 mm.; p. 74.
  5. *Daphnella bartschi* Dall, another specimen with immature lip, less enlarged, Alt. 9 mm.; p. 74.
  6. ? *Mangilia hermione* Dall, Alt. 8 mm.; p. 70.
  7. *Cymatosyrinx palmeri* Dall, Alt. 9.5 mm.; p. 8.
  8. *Bellaspira melea* Dall, Alt. 12 mm.; p. 29.
  9. *Mangilia althorpi* Dall, Alt. 11.5 mm.; p. 68.

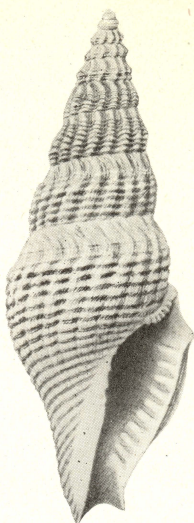
PLATE 20.

- FIG. 1. *Cymatosyrinx elissa* Dall, Alt. 7 mm.; p. 6.
2. *Cymatosyrinx hespera* Dall, Alt. 9 mm.; p. 6.
  3. *Cymatosyrinx talage* Dall, Alt. 8 mm.; p. 7.
  4. *Cymatosyrinx plicatella* Dall, Alt. 7 mm.; p. 7.
  5. *Nannodiella fraternalis* Dall, Alt. 4.75 mm.; p. 60.
  6. ? *Nannodiella phylira* Dall, immature, Alt. 7 mm.; p. 60.
  7. *Nannodiella nana* Dall, Alt. 3.5 mm.; p. 59.
  8. *Nannodiella amyela* Dall, immature, Alt. 4.5 mm.; p. 61.
  9. *Cymatosyrinx hecuba* Dall, the aperture defective; Alt. 11 mm.; p. 9.
  10. *Mangilia* (*Kurtziella*) *hebe* Dall, Alt. 10 mm.; p. 63.
  11. *Mangilia perattenuata* Dall, Alt. 10 mm.; p. 65.
  12. ? *Mangilia dejanira* Dall, Alt. 11 mm.; p. 72.

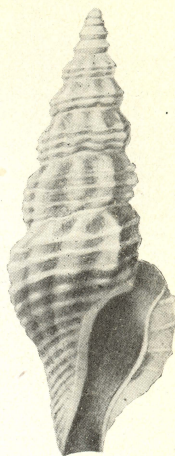




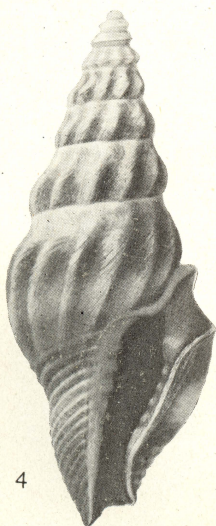
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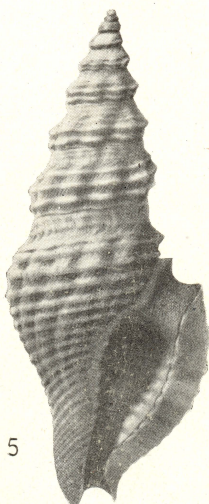
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NEW WEST COAST MOLLUSKS OF THE FAMILY TURRITIDAE

FOR EXPLANATION OF PLATE SEE PAGE 85