

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

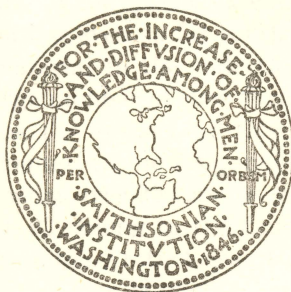
BY

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whorl nine) strong rounded ribs, feeble on the fasciole and reaching to the canal; aperture narrow, anal sulcus deep with a small subsutural callus; outer lip arcuate, prominently varicose, the edge infolded; inner lip and pillar smooth (possibly not quite adult); canal short, distinct, slightly recurved. Height of shell, 10; of last whorl, 5; diameter, 4 mm. Cat. No. 195004, U.S.N.M.

Range.—Station 2813, in the Galapagos Islands, in 40 fathoms, coral sand, surface temperature 81° F. U. S. Bureau of Fisheries.

This species is small for the genus and perhaps has not quite completed the callosities around the aperture.

GLYPHOSTOMA CYMODOCE, new species.

Plate 17, fig. 6.

Shell small, flesh colored, slender, acute; with a smooth small purple-brown nucleus of about two whorls and about six subsequent whorls; suture appressed with a slightly constricted fasciole immediately in front of it sculptured by half a dozen fine sharp close-set equal spiral threads; other spiral sculpture of (on the spire two to four) flattish spiral major cords with equal or wider interspaces in which runs an intercalary smaller thread; on the last whorl this sculpture is continuous over the shell from the shoulder to the base, but the intercalary threads gradually enlarge until they are practically equal to the originally larger cords; the small siphonal fasciole has a few finer and closer threads; axial sculpture of (on the penultimate whorl about eleven) rounded vertical ribs extending from the shoulder to the succeeding suture, but obsolete on the last whorl and not nodulose where they are intersected by the cords; the incremental lines are only conspicuous on the anal fasciole, where they are slightly puckered in front of the suture; aperture subovate, anal sulcus deep, rounded, close to the suture with a subsutural callus; outer lip thickened, slightly crenulate by the external sculpture, smooth within, arcuately produced, with a prominent varix behind it; inner lip erased, pillar short, canal short, distinct, slightly recurved. Height of shell, 11.5; of last whorl, 6; diameter, 4 mm. Cat. No. 150569, U.S.N.M.

Range.—Santa Barbara, California; Woodworth.

PHILBERTIA HESIONE, new species.

Shell small, whitish, biconic, acute, with a smooth bulbous nucleus of a whorl and a half and four and a half subsequent sculptured whorls; suture distinct, not appressed, the anal fasciole close to it, flattish, at first with fine spiral sculpture but on the last whorl it becomes nearly smooth; other spiral sculpture of a narrow prominent thread at the periphery which is doubled on the subsequent turns, on the last whorl there are eleven of the threads which are somewhat

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.

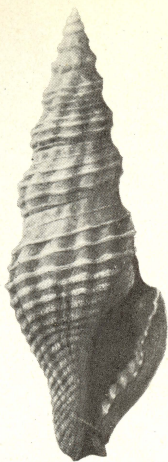
- FIG. 1. *Philbertia scammoni* Dall, Alt. 7 mm.; p. 57.
2. *Philbertia helena* Dall, Alt. 3.5 mm.; p. 55.
 3. *Philbertia dictynna* Dall, Alt. 3.8 mm.; p. 57.
 4. *Philbertia doris* Dall, Alt. 5.2 mm.; p. 55.
 5. *Philbertia telamon* Dall, Alt. 4 mm.; p. 58.
 6. *Philbertia aethra* Dall, Alt. 8 mm.;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

PLATE 19.

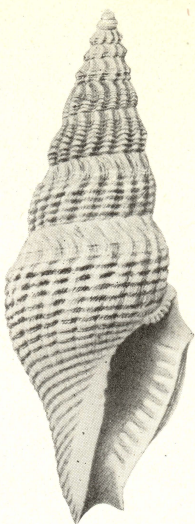
- FIG. 1. *Lora antipoda* Dall, Alt. 5 mm.; p. 41.
2. *Cryptogemma adrastia* Dall, Alt. 16 mm.; p. 33.
 3. *Philbertia trichodes* Dall, Alt. 4 mm.; p. 62.
 4. *Daphnella bartschi* Dall, Alt. 9 mm.; p. 74.
 5. *Daphnella bartschi* Dall, another specimen with immature lip, less enlarged, Alt. 9 mm.; p. 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.

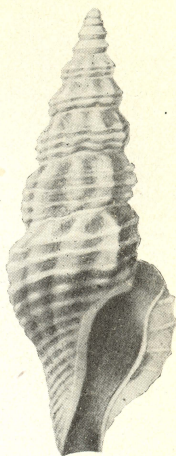
- FIG. 1. *Cymatosyrinx elissa* Dall, Alt. 7 mm.; p. 6.
2. *Cymatosyrinx hespera* Dall, Alt. 9 mm.; p. 6.
 3. *Cymatosyrinx talage* Dall, Alt. 8 mm.; p. 7.
 4. *Cymatosyrinx plicatella* Dall, Alt. 7 mm.; p. 7.
 5. *Nannodiella fraternalis* Dall, Alt. 4.75 mm.; p. 60.
 6. ? *Nannodiella phylira* Dall, 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.



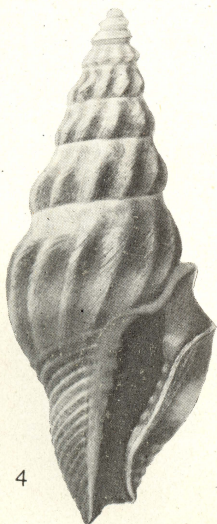
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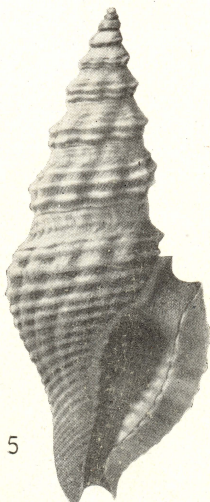
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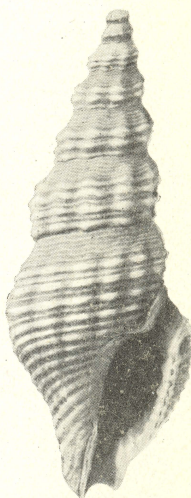
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NEW WEST COAST MOLLUSKS OF THE FAMILY TURRITIDAE

FOR EXPLANATION OF PLATE SEE PAGE 85