

ILLUSTRATIONS AND DESCRIPTIONS OF NEW, UNFIGURED, OR IMPERFECTLY KNOWN SHELLS, CHIEFLY AMERICAN, IN THE U. S. NATIONAL MUSEUM.

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During the last thirty years a large number of species have been described by me in various publications which it was, at the time of publication, impracticable to figure. There are also a number of species described by others which have either been inadequately illustrated, figured in almost inaccessible publications, or not figured at all. Of the many undescribed species in the national collection some few have been distributed with manuscript names, for reasons which seemed sufficient at the time. With the view of suitably illustrating these species and eventually preparing an illustrated list or manual for American collectors and students, I have been accumulating a store of drawings of which the present paper includes a selection. Many more, especially species obtained by Mr. and Mrs. Oldroyd in the vicinity of San Pedro, California, are reserved for a future occasion.

With the exception of the first species, a remarkable Malayan *Nanina*, the forms figured are all American, and for convenience are divided into three series, including, respectively, the species of land shells, the East American marine forms, and the marine species from the Pacific coast.

Some systematic and nomenclatorial notes on the species and genera illustrated, and especially on the *Buccininae* and *Chrysodominæ* so richly developed on our northwest coast, are included, together with some descriptions of new forms and a review of the northern species of the genus *Boreotrophon*, and it is hoped as a whole that the paper will furnish welcome information to many students of American mollusks.

LANDSHELLS.

NANINA (MACROCHLAMYS?) DIADEMA Dall.

Plate XXVII, figs. 1, 2, 3.

Nanina (Macrochlamys?) diadema DALL, Nautilus, XI, No. 4, Aug., 1897, p. 37.

Collected in the vicinity of Prang, Malay Peninsula, by Dr. W. L. Abbott. U.S.N.M., 150277. The color is an olivaceous yellow-brown.

Color pale yellowish, with darker yellow or brown flammules. Only two imperfect specimens of this fine species are known, both from the above locality.

TEREBRA (SUBULA) FLORIDANA Dall.

Plate XXIX, fig. 9.

Subula floridana DALL, Rep. Blake Gastr., Bull. Mus. Comp. Zool., XVIII, 1889, p. 63.

Terebra (Subula) floridana DALL, Bull. 37, U. S. Nat. Mus., 1889, p. 94.

Key West and Florida Strait, dredged by the U. S. Fish Commission steamer *Albatross* in 45 to 56 fathoms, sand. U.S.N.M., 87222. It is of a pale straw color.

TEREBRA (ACUS) RUSHII Dall.

Plate XXIX, fig. 6.

Terebra (Acus) rushii DALL, Rep. Blake Gastr., Bull. Mus. Comp. Zool., XVIII, 1889, p. 64.

Dredged 5 miles off Cape Florida, in 8 fathoms, by Dr. W. H. Rush, U. S. N. U.S.N.M., 82952.

It is a small, brilliantly white shell, remarkable for its exclusively spiral sculpture.

CONUS STIMPSONI, new species.

Plate XXIX, fig. 7.

Conus stimpsoni DALL, MS., in Coll. U. S. Nat. Mus.

Dredged by the U. S. Fish Commission steamer *Albatross*, in 60 fathoms, off Key West. U.S.N.M., 107371.

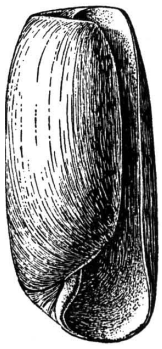
Shell of about twelve whorls, as figured, slopes of the spire somewhat concave, turreted, the nuclear whorl rounded, smooth; the following four furnished with a beaded keel at the shoulder; this keel becomes entire on the subsequent whorls; above the shoulder the whorls are slightly concave, the suture appressed, and there are about three faint spiral grooves on the concave surface; last whorl with shallow squarish channels, as figured. The periostracum is thin, pale straw color, finely axially striated. The color of the shell is pinkish white, suffused with salmon pink near the shoulder and on the spire and base, with a very faint, cloudy band of the same about midway between base and shoulder. Altitude of shell, 37 mm.

The species is named in honor of the late Dr. William Stimpson, whose last field work was done in the vicinity of the Florida Strait.

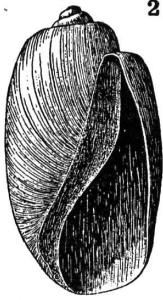
DAPHNELLA EUGRAMMATA, new species.

Plate XXIX, fig. 3.

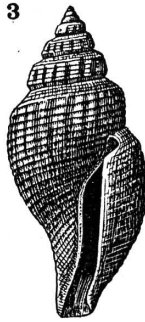
Dredged at station 2328, off Habana, in 203 fathoms, bottom temperature 78° F., by the U. S. Fish Commission. U.S.N.M., 107448.



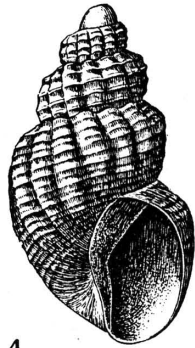
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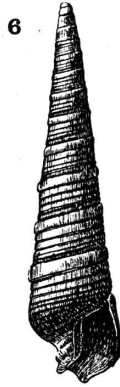
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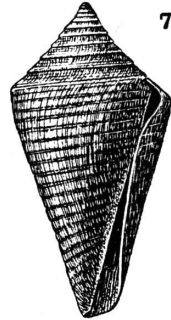
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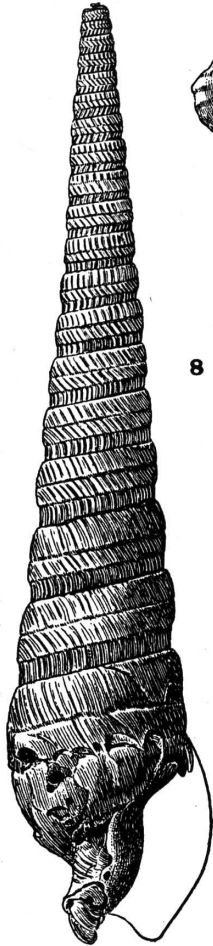
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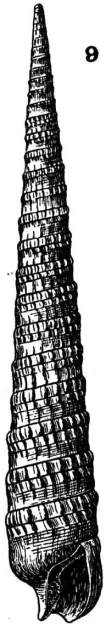
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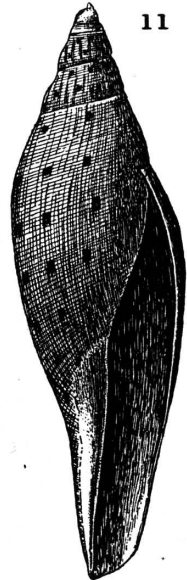
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EAST AMERICAN GASTROPODS.

FOR EXPLANATION OF PLATE SEE PAGE 563.