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DURING THE YEARS

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UNDER THE COMMAND OF

CHARLES WILKES, U.S.N.

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MOLLUSCA & SHELLS.

BY

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D 1638

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WITH AN ATLAS OF PLATES.



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MANGELIA CITHARA (Gould).

Testa parva, rhomboideo-fusiformis, cinerea, costis acutis longitudinalibus septem instructa, interstitiis concavis, subtiliter transversim striatis: spira turrita, anfractibus septem benè discretis, ultimo ovato-triangulari trientes duos longitudinis testæ adequante: apertura angusta; labro lato, varicoso, posticè rectangulari vix sinuato; columellâ concinnè rugosâ.

Mangelia cithara, GOULD; Proceed. Boston Soc. Nat. Hist., iii. 140. May 1849. Expedition Shells, 63.

SHELL minute, rhomboid-fusiform, ashy-white, with about seven elevated, acute, longitudinal folds; the intervening spaces concave and minutely striated spirally. Spire turreted, whorls seven, decidedly separated by an impressed suture, apex acute; last whorl two-thirds the length of the shell, somewhat triangular-ovate. Aperture half the length of the shell, very narrow; lip formed by one of the ribs, flat and broad, forming a right angle posteriorly, with scarcely anything like an emargination; pillar finely wrinkled.

Length three-eighths of an inch; breadth three-twentieths.

Inhabits the Feejee Islands.

This shell is much like *M. Hornbeckii*, a West Indian species, but it has a much narrower aperture, fewer ribs, and the last whorl shorter. *M. pessulata* has also many more ribs, and is much less acuminate anteriorly.

Figures 313, 313 *a*, two views of the shell, enlarged; 313 *b*, natural size.

TEREBRA CRENULATA (LIN.), LAMARCK; Anim. sans Vert., x. 239. SOWERBY; Thesaur. Conch., pl. 41, f. 18, 19.

ANIMAL lemon-yellow.

Figure 314, the animal as in motion; 314 *a*, locomotive disk; 314 *b*, front view of the animal.

TEREBRA DIMIDIATA (LIN.), LAMARCK; Anim. sans Vert., x. 240. SOWERBY; Thesaur. Conch., pl. 41, f. 7, 8.

ANIMAL lemon-yellow, scarcely to be distinguished from the preceding. Operculum orange.

TEREBRA BABYLONIA (LAMARCK), Encyc. Meth., pl. 402, f. 5. Anim. sans Vert., x. 243. KIENER; Iconog., pl. 14, f. 39.

ANIMAL orange-coloured.

Figure 315, the animal as in motion.

TEREBRA LÆVIGATA (GRAY), SOWERBY; Thesaur. Conch., pl. 44, f. 93.

ANIMAL pale slate-colour, with lemon-coloured reflections.

Figure 316, the animal as in motion.

TEREBRA SUBULATA (LIN.), LAMARCK; Anim. sans Vert., x. 242. SOWERBY; Thesaur. Conch., f. 16, 38, 39.

ANIMAL "transparent creamy white." [J. P. C.]

Figure 317, the animal as in motion.

TEREBRA CÆRULESCENS (LAMARCK), Anim. sans Vert., x. 245. KIENER; Iconog., pl. 67, f. 12.

ANIMAL pearly white or faintly bluish; foot much more expanded than in the other species. Operculum very small, lemon-coloured.

Figure 318, the animal as in motion.

From the above animals, we may very well deduce the characters of the mollusk of this genus.

ANIMAL having an expanded foot, nearly as broad as long, escutcheon-shaped, the anterior angles a little dilated, obtuse posteriorly, the lateral edges delicately undulate. Siphon very long; head very small, with very short tentacles, bearing the eyes at the tip; mouth concealed between the head and foot, which latter advances before the head about as much as it extends behind it, and rises into the shell on quite a stout pedicle.

Colours all pale watery-white, without variegation, or merely tinted orange, bluish, or cream-colour.

BUCCINUM VELATUM (Gould).

Testa solida, ovato-lanceolata, levis, polita, livido-violacea, albido-reticulata, versus labrum pallescens, et lineolis rubiginosis cincta: spira acuto-conica, anfractibus septem ad octo convexiusculis, serie suturali gemmularum coronatis, ultimo trientes duos longitudinis testæ adequate et ad basim spirāliter striato: apertura ovalis, posticè canaliculata; labro acuto, extrorsum incrassato, intus decem-sulcato; sinu siphonali obliquo, profundo, castaneo-tincto.

Buccinum (Bullia?) *velatum*, GOULD; Proceed. Boston Soc. Nat. Hist., iii. 151. June 1850.

SHELL solid, smooth and polished, oblong-ovate, somewhat pyramidal, with four or five revolving basal striæ, and a sutural delicate circlet of papillæ. Colour a slaty, livid violet, or pale plum-colour, with an underlying network of white points arranged in quincunx, only perceptible on careful observation; the sutural vitta is paler, the indented portions only being dark; the region approaching the lip also grows paler, and is marked by numerous rusty-coloured, revolving lines; this portion is also plaited; spire elongated, whorls seven or eight, very slightly convex, the last one two-thirds the length of the shell, enlarging nearly to the base: aperture less than half the