

SHELL-BEARING MOLLUSCA OF FRENCHMAN'S BAY, MAINE.

BY DWIGHT BLANEY.

In addition to the one hundred and twenty-seven species and five varieties of Mollusca collected in Frenchman's Bay, Maine, by the writer during 1901-4 (a list of which was published in the Proceedings of the Boston Society of Natural History, vol. 32, no. 2, pp. 23-41, 1904), the following six species (one of which is new to science) and two varieties were added during the summer of 1905, making a total of one hundred and thirty-three (133 plus 7 varieties) species and seven varieties from this locality.

Astarte quadrans Gould.

One valve, identified by Dr. W. H. Dall, dredged off Great Head, Ironbound Island.

Astarte portlandica Mighels.

Many valves, and a few live specimens dredged off Heron Island on shelly bottom, 10 fath. From study of these specimens Dr. Dall writes us that he now thinks this "a good species as described by Mighels in 1843, provided a larger series of '*A. quadrans*' than I have been able to consult does not show gradations between the two species."

Cochlodesma leanum Couthouy.

Two valves dredged off Seal Cove, Ironbound Island, about 15 fath. This shell which is commonly found much further south will probably be found alive in the warmer waters up the bay.

Sipho stimpsoni Mörch, var. *liratus* Verrill.

A few have been dredged the past few years at the same stations as the "*stimpsoni*," but were only lately identified for us by Prof. Verrill and Miss Bush. They were all young specimens.

Columbella (*Astiris*) *dissimilis* Stimpson.*Columbella zonalis* Linsley.

Two specimens dredged off the Spar Landing, Ironbound Island, 15 fath., shelly bottom, October, 1905. One alive.

Crepidula fornicata (Linné).

Found on stones of Soward's Island at very low water. Verrill,

U. S. Fish Comm., p. 650, 1871-72, says: "Has not been found east of the Kennebec River, Maine.

Solariella obscura (Couth.), var. *bella* Verk.

Machaeroplax obscura var. *bella* Verrill, Trans. Conn. Acad. v, p. 531. A few dredged off Ironbound Island, and identified for us by Prof. Verrill and Miss Bush. "Variety '*bella*' is the predominant form at Eastport, Me., and in the Bay of Fundy."—Verrill, *op. cit.*

Tonicella blaneyi Dall.

For description see Pro. Biol. Soc., Wash., vol. xviii, p. 203, and NAUTILUS, vol. xix, no. 8, p. 88, pl. iv, 1905. Dredged near station 22, in about 20 fathoms.

The following species, whose occurrence in Frenchman's Bay was based on the finding of dead specimens or valves, have since been found alive:

Thracia truncata Mighels and Adams.

Pandora (*Clidiophora*) *gouldiana* Dall. Off Ryefield Point and Heron Island; 10 fathoms.

Ensis directus (Conrad). Off Ryefield Point, 10-15 fathoms; shelly mud. Our live specimens usually cut in two by the dredge.

Velutina zonata Gould. Off Ryefield Point, Aug., 1905.

Marsenina glabra (Couth.) Station 19, 20 fathoms. Verrill, *op. cit.*, p. 5, 7, says: "This species is not uncommon at Eastport, Me."

DESCRIPTION OF NEW SPECIES OF ACHATINELLIDAE FROM THE HAWAIIAN ISLANDS.

BY D. D. BALDWIN.

Partulina flemingi, n. sp.

Shell dextral, minutely perforated, somewhat solid, elongately conical, apex acute; surface shining, striated with delicate incremental striæ, and under a lens exhibiting very close delicate decussating spiral lines which extend almost to the apex. Color white or brownish-white, with two dark-brown bands, one bordering the suture, and one at the periphery continued on the spire just above the suture; in many examples the sutural band is absent. Whorls 6, narrowly