

CYCLOSTOMATA

Crisia denticulata (Lamarek)

Lat. 70° 24' N., long. 161° 25' W., C.A.E. Station, August 19, 1913, dredged at 18 to 20 meters, one colony with two ovicells; also off Cockburn point, Dolphin and Union strait, C.A.E. Station 43a, 100 meters, Sept. 13, 1915, three colonies without ovicells, on worm tubes.

Crisia eburnea (Linné)

Lat. 70° 24' N., long. 161° 25' W., C.A.E. Station 23, 9 to 10 fathoms, Aug. 19, 1913, two colonies, with ovicells, on *Callopora spitzbergensis*.

Tubulipora flabellaris (Fabricius)

Lat. 70° 24' N., long. 161° 25' W., C.A.E. Station 23, 9 to 10 fathoms, Aug. 19, 1913, one small colony on *Callopora spitzbergensis*.

Idomonea atlantica (Johnston)

Off Cockburn point, Dolphin and Union strait, C.A.E. Station 43a, 100 meters, Sept. 13, 1915, two colonies attached to a worm tube.

Lichenopora verrucaria (Fabricius)

Bernard harbour, Dolphin and Union strait, C.A.E. station 37b, 2 to 3 fathoms, Aug. 25, 1914, one colony on an alga; C.A.E. Station 41c, July 28, 1915, 10 meters, on algae; C.A.E. Station 41f, 5 meters, Aug. 1, 1915, abundant on *Laminaria* and less common on *Fucus*; west of Cockburn point, Dolphin and Union strait, C.A.E. Station 43c, 20 to 30 meters, Sept. 14, 1915, many colonies on *Laminaria*.

Neptune Expedition: Port Burwell, Ungava, July 28, 1904; Hudson Bay, 1904, on hydroid stems; and North Somerset island, Aug., 1904, on beach.

Lichenopora hispida (Fleming)

King George sound, Hudson strait, Ungava, *Diana Expedition*, Sept. 9, 1897, 40 fathoms, one colony on a dead shell.

Stomatopora fungia (Couch)?

Off Cockburn point, Dolphin and Union strait, C.A.E. Station 43a, 100 meters, Sept. 13, 1915, several colonies, recumbent basal portions only, on shells. The fasciated bases of erect portions are present, but the erect branches seem all to have been lost.

Diplosolen (Diastopora) obelium (Johnston)

King George sound, Hudson strait, Ungava, Sept. 9, 1897, 40 fathoms, *Diana Expedition*, two colonies, with oöecia, on a dead shell.

Entalophora sp.

Dolphin and Union strait, off Cockburn point, C.E.A. Station 43a, 100 meters, Sept. 13, 1915.

The species of *Entalophora* are in such a tangle that, in the absence of perfect specimens with ovicells, I decline to name the present one. There is one specimen, about 15 mm. high, dichotomously divided into four branches. The free portions of the zooecia are more than twice as long as the diameter of the zooecium, irregularly distributed around the stem, and project in an irregular manner. Two smaller specimens are also present, one of them with an ovicell so broken as to be useless for purposes of identification. The species may be the *deflexa* of Couch.