

STATION 320.

- Smittia smittiana*, n.sp. Obtained at no other locality.
Myriozoum immersum, n.sp. Obtained at no other locality. [Waters calls it
Schizoporella challengerica, n.n.].
 „ *simplex*, n.sp. Obtained at no other locality.
Cellepora rudis, n.sp. Obtained at no other locality.
Crisia acuminata, n.sp. Obtained at no other locality.
Idmonea marionensis, Busk. Obtained also at Stations 145, 147, and 151.
 „ *fissurata*, n.sp. Obtained at no other locality.
Hornera lichenoides (Linné). Obtained at no other locality by the Challenger.
 Recorded from North Atlantic and Arctic.

BRACHIOPODA (Davidson, Zool. pt. 1).

- Terebratula uva*, Broderip. Two specimens; obtained also at Stations 150 and 163.

TUNICATA (Herdman, Zool. pts. 17 and 38).

- Molgula pyriformis*, n.sp. One specimen; obtained at no other locality.
Styela oblonga, n.sp. One specimen; obtained at no other locality.
 „ *flava*, n.sp. One specimen; obtained at no other locality.
 „ *glans*, n.sp. One specimen; obtained at no other locality.
Ascidia meridionalis, n.sp. Several specimens; obtained also at Station 313.
 „ *tenera*, n.sp. Two specimens; obtained also at Station 311.
Hypobythius moseleyi, n.g., n.sp. One specimen; obtained at no other locality.
 The only other species of the genus (*Hypobythius calycodes*)
 was taken at Station 248.
Polycarpa aspera, n.sp. One specimen; obtained at no other locality.
Polyclinum molle, n.sp. One specimen; obtained at no other locality.
Aplidium incrustans, n.sp. Several specimens; obtained at no other locality.
Psammaplidium effrenatum, n.g., n.sp. Two specimens; obtained at no other locality.
 „ *flavum*, n.g., n.sp. One specimen; obtained at no other locality.
Leptoclinum tenue, n.sp. One specimen; obtained also at Stations 308 and 311.
Cælocormus huxleyi, n.g., n.sp. One specimen obtained at no other locality. Only
 species of the genus.

FISHES (Günther, Zool. pt. 57).

- Haloporphyrus ensiferus*, n.sp. Four specimens; obtained at no other locality.
Antimora rostrata, n.g., n.sp. One specimen; obtained also at Station 146.
Macrurus holotrachys, n.sp. One specimen; obtained at no other locality.

In addition to the foregoing, the following are recorded in the Station-book:—Many specimens of *Palythoa*, *Borlasia* (cf.), and *Maia*.