

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

STATION 142.

*Ascidia nigra* (Savigny). Three specimens (probably from this Station); obtained also at Bermuda.

*Amaroucium colelloides*, n.sp. One specimen; obtained at no other locality.

*Didemnum savignii*, n.sp. One large colony (probably from this Station); obtained at no other locality.

*Leptoclinum edwardsi*, n.sp. Several small colonies; obtained at no other locality.

„ *speciosum*, n.sp., var. *asperum*, nov. Two small colonies; the species and variety obtained also at Bahia.

*Psammaphidium subviride*, n.g., n.sp. Nine colonies; obtained at no other locality.

In addition to the foregoing, the following are recorded in the Station-book:—Actiniæ, one free and one parasitic on *Pagurids*, and four Sphæromids.

Excluding Protozoa, about 300 specimens of invertebrates and fishes were obtained at this Station, belonging to about 87 species, of which 52 are new to science, including representatives of 8 new genera; 37 of the new species and 2 new genera were not obtained elsewhere.

Willemoes-Suhm writes: “Besides the remarkable Echinoderms, there were beautiful specimens of a large Sabellid, probably belonging to the genus *Vermilia*, and *Psygmobranchus*. A whitish Sphæromid was very much like a Trilobite. There was a *Calappa* much more resembling *Calappa mediterranea* than the tropical species, besides some Maiidæ, *Herbstiæ*, and some shells. The *Terebratula* is very like *Terebratula caput-serpentis*, and there were also some specimens of a *Megerlia*.” All the naturalists remarked the resemblance between the forms taken here and at similar depths in the north.

The following species of Foraminifera and Diatoms were observed in the deposit from this Station (see also Murray and Renard, Deep-Sea Deposits Chall. Exp.):—

ORGANISMS FROM  
THE DEPOSIT.

FORAMINIFERA (Brady, Zool. pt. 22).—The pelagic species, which make up about 44 per cent. of the carbonate of lime present in the deposit, are marked thus ×.

*Biloculina bulloides*, d'Orbigny.

„ *ringens* (Lamarck).

„ *sphæra*, d'Orbigny.

*Miliolina agglutinans* (d'Orbigny).

„ *circularis* (Bornemann).

„ *seminulum* (Linné).

„ *venusta* (Karrer).

*Astrorhiza arenaria*, Norman.

*Psammosphæra fusca*, Schulze.

*Hyperammina friabilis*, Brady.

*Marsipella cylindrica*, Brady.

*Rhabdammina abyssorum*, Sars.

*Rhizammina algæformis*, Brady.

„ *indivisa*, Brady.

*Reophax dentaliniformis*, Brady.

„ *fusiformis* (Williamson).

*Haplophragmium agglutinans* (d'Orbigny).

„ *canariense* (d'Orbigny).