

CORALS (Moseley, Zool. pt. 7).

STATION 45.

Caryophyllia communis (Seguenza). One broken specimen; obtained also at Stations 50, 57, 78, and 142, 150 to 1250 fathoms.
Fossil—Tertiary of Sicily.

ASTEROIDEA (Sladen, Zool. pt. 51).

Pararchaster semisquamatus, n.g., n.sp., var. *occidentalis*, nov. One specimen (either from this Station or Station 44); see Station 44.

Pontaster forcipatus, n.g., n.sp. A few specimens; obtained also at Stations 44, 46, 50, and 146.

Dytaster madreporifer, n.g., n.sp. Obtained also at Station 44.

Plutonaster rigidus, n.g., n.sp. One specimen (either from this Station or Station 44); see Station 44.

Porcellanaster cæruleus, Wyville Thomson, n.g., n.sp. Obtained also at Stations 46 and 47, 1350 and 1340 fathoms. Recorded subsequently from Indian Ocean ("Investigator") (?).

Phoxaster pumilus, n.g., n.sp. One specimen (either from this Station or Station 44); see Station 44.

OPHIUROIDEA (Lyman, Zool. pt. 14).

Ophioglypha lepida, n.sp. Obtained also at Stations 46, 76, 343, and Bermuda, 420 to 1350 fathoms.

„ *bullata*, Wyville Thomson, n.sp. (young). Obtained also at Stations 54, 61, and 133, 1900 to 2850 fathoms.

Ophiomusium lymani, Wyville Thomson. Obtained also at Stations 50, 76, 135, 169, 191, 235, and 296, 565 to 1825 fathoms.

Amphiura otteri, Ljungman. Obtained also at Stations 50, 76, and 78, 900 to 1250 fathoms.

Amphilepis norvegica, Ljungman. Obtained also at Stations 33 (?) and 46.

Ophiacantha bidentata (Retzius), Ljungman. Obtained also at Stations 46 and 49, 1350 and 85 fathoms.

HOLOTHURIOIDEA (Théel, Zool. pt. 39).

Trochostoma albicans, n.sp. Four specimens; obtained also at Station 169, 700 fathoms (var. *glabra*).

Fragments of a pedate Holothurid.

NEMERTEA (Hubrecht, Zool. pt. 54).

Carinina grata, n.g., n.sp. One specimen; obtained also at Station 47, 1340 fathoms. Only species of the genus.