

STATION 45.

ANNELIDA (M'Intosh, Zool. pt. 34).

- Harmothoë benthaliana*, n.sp. Two specimens; obtained at no other locality.
- Nephtlys phyllobranchia*, n.sp. One fragmentary specimen; obtained at no other locality.
- Lumbriconereis punctata*, n.sp. One fragmentary specimen; obtained at no other locality.
- Eunice ærstedii*, Stimpson (?). One specimen; obtained also at Stations 49 and 144A, 85 and 69 fathoms.
- Spiochætopterus* (?) sp. A few empty tubes.
- Praxilla occidentalis*, n.sp. One fragmentary specimen; obtained at no other locality.

COPEPODA (Brady, Zool. pt. 23).

- Calanus princeps*, n.sp. One specimen; obtained also at Station 50, 1250 fathoms.

ISOPODA (Beddard, Zool. pt. 48).

- Neotanais americanus*, n.g., n.sp. One specimen; obtained also at Station 323, 1900 fathoms. Only species of the genus.

CUMACEA (Sars, Zool. pt. 55).

- Eudorella abyssi*, n.sp. One specimen; obtained at no other locality.

MACRURA (Spence Bate, Zool. pt. 52).

- Gennadas parvus*, n.g., n.sp. One specimen; obtained also at Stations 101, 120, 159, 206, 220, 230, 232, 235, 237, 250, 267, and 289, 345 to 3050 fathoms. Recorded subsequently from Indian Ocean ("Investigator").
- Orphania tenuimana*, n.g., n.sp. One specimen; obtained at no other locality. Only species of the genus.

LAMELLIBRANCHIATA (Smith, Zool. pt. 35).

- Malletia obtusa*, Sars. Obtained also at Station 47, 1340 fathoms. Recorded from Atlantic.

In addition to the foregoing, the following are recorded in the Station-book:—Actinia, many specimens of an unknown Urchin, very large specimen of *Sipunculus*.

Excluding Protozoa, over 50 specimens of invertebrates were obtained at this Station, belonging to about 33 species, of which 17 are new to science, including representatives of 7 new genera; 6 of the new species and 1 new genus were not obtained elsewhere.