

STATION 143.
ORGANISMS FROM
SURFACE-NETS.

Surface Organisms.—The following species are recorded from the surface at this Station :—

RADIOLARIA (Haeckel, Zool. pt. 40).

Coleaspis hydrotomica, Haeckel.

SCHIZOPODA (Sars, Zool. pt. 37).

Euphausia pellucida, Dana.

Thysanoëssa gregaria, n.sp.

Nematoscelis tenella, n.g., n.sp.

PTEROPODA (Pelseneer, Zool. pt. 65).

Cavolinia inflexa (Lesueur).

TUNICATA (Herdman, Zool. pt. 76).

Salpa democratica-mucronata,
Forskåhl.

Hauls of the tow-net were taken at 100 fathoms, and at the surface in the morning, afternoon, and at night; in the afternoon more animals were caught than in the morning, while at night there were very few. The following are recorded in the note-books:—*Peridinium*, many *Globigerinæ* and *Orbulinæ*, some with long spines and of a bright red or pink colour, many *Acanthometræ* and other Radiolarians, *Diphyes*, *Sagitta*, larvæ of *Terebella*, young Aphroditacean, Cypridinidæ, Calanid, small Copepods, *Phronima*, *Euphausia* (very abundant), Pteropod (Cymbulian?) larva, *Cleodora* [= *Clio*], and small fish.

December 20 to 23, 1873.

On these dates there was a strong westerly wind. On the 20th the screw was taken up, and on it were found Cirripeds (*Balanus*), specimens of a Hydroid, belonging to the genus *Tubularia* (*Tubularia polycarpa?*), 2 inches in length, along with the following species of Amphipods (see Stebbing, Zool. pt. 67):—

Atyloides assimilis, n.g., n.sp.

Caprella equilibra, Say.

Podocerus falcatus (Montagu).

Albatrosses and three species of Petrels were following the ship. On the 22nd a piece of sea-weed (*Durvillea*) was hauled in on the log-line, and was found to be covered with specimens of *Lepas*, which had many Diatoms and spines of Radiolaria in their stomachs.

STATION 144.

Station 144 (Sounding 234), Cape of Good Hope to Marion Island (see Chart 18 and Diagram 8).

December 24, 1873; lat. 45° 57' S., long. 34° 39' E.

Temperature of air at noon, 44°·3; mean for the day, 42°·7.