

## STATION 146.

temperatures down to 1000 fathoms. The carbonic acid was determined in bottom water, and amounted to 59.5 milligrammes per litre. At 3.30 P.M. commenced heaving in trawl, which came up at 4.50 P.M. with a great many animals,—probably the most successful haul up to the present date as regards number, variety, novelty, size, and beauty of the specimens. At 5.10 P.M. made all plain sail. At 4 A.M. the sea was of a dark blue colour; in the afternoon the colour was, as usual, greenish. Cape pigeons, stormy petrels, albatrosses, crested penguins, and prions about the ship.

Distance at noon from Hog Island, 206 miles. Made good 198 miles. Amount of current 9 miles, direction S. 64° E.

ANIMALS FROM  
TRAWL.

The following species are recorded in the Zoological Reports from the trawl at this Station:—

## HEXACTINELLIDA (Schulze, Zool. pt. 53).

*Holascus fibulatus*, n.g., n.sp. One specimen; obtained also at Stations 147 and 160, 1600 and 2600 fathoms.

*Malacosaccus vastus*, n.g., n.sp. One specimen; obtained at no other locality.

## PENNATULIDA (Kölliker, Zool. pt. 2).

*Umbellula magniflora*, n.g., n.sp. Two fragments; obtained also at Station 147, 1600 fathoms.

## ACTINIARIA (Hertwig, Zool. pts. 15 and 73).

*Corallimorphus rigidus*, Moseley, n.g., n.sp. Three specimens; obtained also at Stations 195 and 299, 1425 and 2160 fathoms.

## CRINOIDEA (Carpenter, Zool. pt. 32).

*Bathycrinus aldrichianus*, Wyville Thomson, n.sp. Obtained also at Station 147, 1600 fathoms; and other Stations (?). According to Sir Wyville Thomson fragments were taken at, at least, six or seven Stations in the Atlantic and Southern Sea.

## ASTEROIDEA (Sladen, Zool. pt. 51).

*Pontaster forcipatus*, n.g., n.sp., var. *echinata*, nov. The species obtained also at Stations 44, 45, 46, and 50.

*Hymenaster graniferus*, n.sp. Obtained at no other locality.

„ *coccinatus*, n.sp. Obtained at no other locality.

„ *præcoquis*, n.sp. Obtained also at Station 147, 1600 fathoms.

*Brisinga membranacea*, n.sp. Obtained also at Station 147, 1600 fathoms.

*Freyella fragilissima*, n.sp. Obtained also at Station 156, 1975 fathoms.