

Density at 60° F. at surface, 1.02630 ; bottom, 1.02613.

Depth, 1400 fathoms ; deposit, Globigerina Ooze, containing 52.64 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 6 A.M. got up steam. At 6.30 A.M. shortened and furled sails, and proceeded under steam to sound and trawl. At 7 A.M. sounded in 1400 fathoms, and put trawl over. Obtained serial temperatures down to 500 fathoms. The carbonic acid was determined in bottom water, and amounted to 36.1 milligrammes per litre. At 2.30 P.M. hove up trawl containing many specimens, along with pumice-stones and cocoa-nuts. At 7.10 P.M. brought ship to wind ; strong breeze from the S.E.

Raine Island distant at noon, 74 miles. Made good 100 miles. No current.

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

ANIMALS FROM  
TRAWL

MONAXONIDA (Ridley and Dendy, Zool. pt. 59).

*Trichostemma sarsii*, n.sp. One specimen ; obtained also at Station 73.

HEXACTINELLIDA (Schulze, Zool. pt. 53).

*Hyalonema* sp. (?). Fragments.

ASTEROIDEA (Sladen, Zool. pt. 51).

*Freyella dimorpha*, n.sp. Obtained at no other locality.

ECHINOIDEA (Agassiz, Zool. pt. 9).

*Asthenosoma gracile*, n.sp. Obtained also at Stations 169, 200, and 219.

HOLOTHURIOIDEA (Théel, Zool. pt. 13).

*Benthodytes papillifera*, n.g., n.sp. Four specimens ; obtained also at Stations 271 and 300, 2425 and 1375 fathoms.

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

*Lætmonice producta*, Grube, var. *willemoesi*, nov. Obtained also at Stations 70, 133, 146, and 169.

CIRRIPIEDIA (Hoek, Zool. pt. 25).

*Scalpellum truncatum*, n.sp. One specimen ; obtained at no other locality.

„ *australicum*, n.sp. One specimen ; obtained at no other locality.

„ *dubium*, n.sp. One specimen ; obtained at no other locality.