

At 5.50 A.M. shortened and furled sails, and got up steam to sound. At 6 A.M. observed Fernando Noronha Island bearing S. 42° W. At 8 A.M. sounded in 2200 fathoms (Station 112); distance from Fernando Noronha 21 miles. At 9 A.M. obtained serial temperatures down to 1500 fathoms, and at 9.50 A.M. made all plain sail. At 11 A.M. shortened sail and proceeded under steam. At 12.30 P.M. stopped and sounded in 1010 fathoms, Hard Ground, bottom temperature 37°·5 (Station 113); distance from the island about 6 miles. At 2 P.M. stopped and sounded in 25 fathoms, deposit Calcareous Sand, containing 92·28 per cent. of carbonate of lime (Station 113A). Proceeded towards the anchorage in San Antonio Bay, and at 3 P.M. came to in 10 fathoms.

STATION 112.

The Challenger remained at Fernando Noronha till 8 A.M. on September 3 (for description of Fernando Noronha, see *Narr. Chall. Exp.*, vol. i. pp. 210–214). On September 2 the steam pinnace dredged round the island in depths of 7 to 25 fathoms. The following species are recorded in the Zoological Reports from the vicinity:—

AT FERNANDO  
NORONHA.

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

ANIMALS FROM  
FERNANDO  
NORONHA.

*Suberites carnosus* (Johnston). One specimen; obtained also at Station 75 and Port Jackson.

## CORALS (Moseley, Zool. pt. 7).

*Madracis asperula*, M.-Edwards and Haime. Many specimens; obtained also at Station 36 and Cape Verdes.

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

*Astropecten brasiliensis*, Müller and Troschel. Five specimens; obtained also at Bahia, 7 to 20 fathoms.

## OPHIUROIDEA (Lyman, Zool. pt. 14).

*Ophiothrix angulata*, Ayres (?). Two specimens; obtained also at Station 36 and Bahia.

## ECHINOIDEA (Agassiz, Zool. pt. 9).

*Cidaris tribuloides* (Lamarck). Obtained also at Bahia and Cape Verdes, 7 to 20 fathoms.

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

*Nereis (Platynereis) eatoni*, M'Intosh. One injured specimen; obtained also at Stations 144A, 149, and Falkland Islands, 5 to 69 fathoms.

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

*Artemesia longinaris*, n.g., n.sp. (?). Fragment of pleon; obtained also at Station 321, 13 fathoms. Only species of the genus.

*Alpheus minus*, Say. One specimen; obtained also at St. Paul's Rocks and Bahia.