

sounding-tube. Took serial temperatures. The carbonic acid was determined in surface water, and amounted to 42.9 milligrammes per litre. Put over trawl, which came up at 10.15 A.M. empty. Owing to a strong northerly current, it probably did not touch the bottom. At 10.30 A.M. made sail.

STATION 314A.

Jason West Cay distant at noon, 22 miles. Made good 135 miles.

The Challenger remained at the Falkland Islands from January 23 till February 6, 1876, during which time several dredgings and trawlings were taken from the steam pinnace and from the ship in Port William, Port Louis, &c., in from 4 to 12 fathoms (Stations 315 and 316). The deposit in Stanley Harbour, in 6 fathoms, was a Blue Mud containing 39.12 per cent. of carbonate of lime (for description of the islands see *Narr. Chall. Exp.*, vol. i. pp. 883-894). The following species are recorded in the Zoological Reports as having been obtained during the visit, the depth and locality being indicated:—

AT FALKLAND ISLANDS.

HYDROIDA (Allman, Zool. pt. 70).

ANIMALS FROM FALKLAND ISLANDS. (STATIONS 315 AND 316).

Obelia geniculata (Linné). (Station 315, 5 to 12 fathoms); obtained also at Station 149.

Hypanthea hemispherica, n.sp. (Station 315, 5 to 12 fathoms); obtained at no other locality.

Sertularia polyzonias, Linné. (Station 315, 5 to 12 fathoms); obtained at no other locality by the Challenger.

ASTEROIDEA (Sladen, Zool. pt. 51).

Cycethra electilis, n.sp. (Station 315, 12 fathoms); obtained at no other locality.

Cribrella obesa, n.sp. (Station 315, 12 fathoms); obtained also at Station 311.

Asterias glomerata, n.sp. (Station 315, 12 fathoms); obtained also at Station 313.

„ *cunninghami*, Perrier. (Station 315, 12 fathoms); obtained also at Station 313.

Calvasterias stolidota, n.sp. (Station 315, 5 to 10 fathoms); obtained also in Messier Channel.

OPHIUROIDEA (Lyman, Zool. pt. 14).

Ophiactis asperula (Phil.). (Station 315, 5 to 12 fathoms); obtained also at Stations 308, 311, and 312.

Ophiacantha vivipara, Ljungman. (Station 315, 5 to 12 fathoms); for distribution see Station 145.

ECHINOIDEA (Agassiz, Zool. pt. 9).

Goniocidaris canaliculata, Agassiz. (Station 315, 5 to 12 fathoms); for distribution see Station 147.