

53.3 milligrammes per litre. At 4.45 P.M. made all plain sail. Three species of albatrosses, prions, giant petrels, and Cape pigeons were seen about the ship. At night the sea was phosphorescent. STATION 165.

Cape Farewell distant at noon, 900 miles. Made good 34 miles. Amount of current 23 miles, directon N. 65° W.

The following species are recorded in the Zoological Reports from the dredge at this Station :— ANIMALS FROM DREDGE.

OPHIUROIDEA (Lyman, Zool. pt. 14).

*Ophioglypha ornata*, n.sp. Obtained also at Station 216, 2000 fathoms.

„ sp. (?).

*Ophiomastus tegulitius*, n.g., n.sp. Obtained also at Stations 164, 166, and 218, 275 to 2600 fathoms.

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

*Pontophilus profundus*, n.sp. One specimen ; obtained at no other locality.

In addition, the Station-book records :—Silicisponge, Pennatulid, worm-tubes, and Polyzoa.

Willemoes-Suhm writes : “The dredge brought up a small Crangonid of a tribe which has not often been taken in the deep-sea ; I remember only one instance of having found them—on the coast of Brazil. The candelabriform Polyzoon taken to-day seems to be closely allied to the form so frequently obtained in the tropical parts of the Atlantic. The worm-tubes were empty.”

Surface Organisms.—The following species are recorded from the surface at this Station :— ORGANISMS FROM SURFACE-NETS.

RADIOLARIA (Haeckel, Zool. pt. 40).

*Rhaphidozoum australe*, Haeckel.

*Siphonosphaera fragilis*, Haeckel.

*Actinelius protogenes*, Haeckel.

*Castanarium huxleyi*, Haeckel.

*Castanidium bromleyi*, Haeckel.

SIPHONOPHORÆ (Haeckel, Zool. pt. 77).

*Desmalia imbricata*, n.g., n.sp. (?).

COPEPODA (Brady, Zool. pt. 23).

*Undina darwinii*, Lubbock.

*Candace pachydactyla*, Dana.

*Corycæus varius*, Dana.

*Oncæa obtusa*, Dana.

AMPHIPODA (Stebbing, Zool. pt. 67).

*Anchylomera* sp. (?).

*Primno latreillei*, n.sp.