

Stations 23 to 23_B (Soundings 67 to 69), off Sombbrero Island (see Chart 7).

STATIONS 23 TO
23_B.

March 15, 1873.

Temperature of air at noon, 76°·8; mean for the day, 75°·8.

Temperature of water at surface, 76°·0.

At daylight observed land. At 6 A.M. sounded in 450 fathoms, deposit Pteropod Ooze, containing 84·27 per cent. of carbonate of lime (Station 23). Put over dredge and veered 800 fathoms. At 8.30 A.M. veered dredge-rope to 1000 fathoms. At 10 A.M. dredge came up with many specimens. At 10.30 A.M. sounded in 460 fathoms, deposit Pteropod Ooze (Station 23_A), and put over dredge. At 1.30 P.M. hauled in dredge and proceeded to the north-west. At 2.15 P.M. sounded in 590 fathoms, deposit Pteropod Ooze (Station 23_B), and at 3 P.M. put over dredge, veering 1200 fathoms. At 5.20 P.M. hove up dredge, and at 6 P.M. made all plain sail.

The haul of the dredge in the shallower water (450 fathoms, Station 23) was most productive, as will be seen from the following list of species recorded in the Zoological Reports, the only thing from the deeper water (590 fathoms) being fragments of a Hexactinellid Sponge (*Chonelasma* sp.) :—

HEXACTINELLIDA (Schulze, Zool. pt. 53).

ANIMALS FROM
DREDGE.

Farrea sp. (?) One specimen.

Aphrocallistes bocagei, Wright. One specimen; obtained also at Stations 24, 56, 343, and 344, 390 to 1075 fathoms. Recorded from both sides of the North Atlantic.

Chonelasma sp. (?). Fragments from 590 fathoms.

ALCYONARIA (Wright and Studer, Zool. pt. 64).

Clavularia tubaria, n.sp. Obtained at no other locality.

Acanella eburnea (Pourtalès). One specimen; obtained at no other locality by the Challenger. Recorded from West Indies.

Primnoella distans, Studer. One specimen; obtained also at Station 122, 120 to 400 fathoms. Recorded from South-West Pacific.

Juncella barbadensis, Duchassaing and Michelotti (?). Two small fragments; obtained at no other locality by the Challenger. Recorded from West Indies.

CORALS (Moseley, Zool. pt. 7).

Pliobothrus symmetricus, Pourtalès. Obtained at no other locality by the Challenger. Recorded from Florida and Key West, and North Atlantic ("Porcupine").

Stenohelia profunda, n.sp. Obtained also at Station 171, 600 fathoms.