

STATIONS 55B
AND 56.

Stations 55B and 56 (Soundings 116 and 117), off Bermuda (see Chart 8).

May 29, 1873.

Temperature of air at noon, 75°·3; mean for the day, 74°·3.

Temperature of water at surface, 72°·0.

At 5.30 A.M. stopped and sounded in 1325 fathoms, deposit Coral Mud, containing 86·00 per cent. of carbonate of lime (Station 55B). At 7.45 A.M. stopped and sounded in 1075 fathoms, deposit Coral Mud, containing 83·02 per cent. of carbonate of lime, bottom temperature 38°·2 (Station 56). Put dredge over and veered 1600 fathoms; it came up at noon with a few specimens. The dredge was sent down again in the afternoon, and came up half full of mud and with a few specimens. A third haul of the dredge in the evening only produced a Sponge. Anchored for the night in 10 fathoms on the Chaddock Bank, S.W. of lighthouse.

ANIMALS FROM
DREDGE.

The following species are recorded in the Zoological Reports from the dredge at Station 56 :—

TETRACTINELLIDA (Sollas, Zool. pt. 63).

Isops pachydermata, n.sp. One specimen; obtained at no other locality.

Azorica pfeifferæ, Carter. One specimen; obtained also at Station 33, Cape Verdes, Bahia, and Amboina.

HEXACTINELLIDA (Schulze, Zool. pt. 53).

Euplectella nodosa, n.sp. One specimen; obtained at no other locality.

Rhabdodictyum delicatum, Schmidt. Two specimens; obtained at no other locality by the Challenger. Recorded from Gulf of Mexico.

Aulocalyx irregularis, n.g., n.sp. One specimen; obtained also at Stations 145 and 147, 310 and 1600 fathoms.

Farrea sp. (?). One specimen.

Lefroyella decora, Wyville Thomson, n.g., n.sp. Two specimens; obtained also at Station 33. Only species of the genus.

Aphrocallistes bocagei, Wright. Several specimens; for distribution see Station 23.

Chonelasma lamella, n.g., n.sp. One fragmentary specimen; obtained also at Stations 148 and 170, 550 and 630 fathoms.

„ sp. (?). One specimen.

Dactylocalyx (?) *patella*, n.sp. Two specimens; obtained also off coast of Portugal.

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

Sympodium armatum, n.sp. Obtained at no other locality.