

BERMUDA.

Caranx caballus, Günther. Obtained at no other locality by the Challenger.
Recorded from Panama.

Fundulus bermudæ, Günther. (Brackish water); obtained at no other locality by the Challenger. Recorded from Bermuda.

Belone jonesi, Goode. Obtained at no other locality by the Challenger.

In the foregoing list 110 species are enumerated from the shore and shallow water at Bermuda, of which 29 are new to science, including representatives of 6 new genera; 23 of the new species and 3 new genera were not obtained elsewhere.

STATION 58.

Station 58 (Sounding 122), Bermuda to Azores (see Charts 6 and 8, and Diagram 3).

June 13, 1873; lat. 32° 37' N., long. 64° 21' W.

Temperature of air at noon, 75°·8; mean for the day, 75°·1.

Temperature of water at surface, 73°·5; bottom, 37°·2.

Depth, 1500 fathoms; deposit, Coral Mud, containing 77·38 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 5.30 A.M. got up steam. At 6 A.M. weighed and proceeded under steam through the Narrows. At 4.30 P.M. sounded in 1500 fathoms. At 5.25 P.M. made all plain sail.

STATION 59.

Station 59 (Sounding 123), Bermuda to Azores (see Chart 6 and Diagram 7).

June 14, 1873; lat. 32° 54' N., long. 63° 22' W.

Temperature of air at noon, 75°·8; mean for the day, 75°·0.

Temperature of water :—

Surface,	74·0	900 fathoms,	38·5
100 fathoms,	65·2	1000 "	38·3
200 "	63·5	1100 "	38·1
300 "	62·6	1200 "	37·9
400 "	54·2	1300 "	37·7
500 "	46·2	1400 "	37·5
600 "	41·8	1500 "	37·3
700 "	39·8	Bottom,	36·3
800 "	39·2		

Density at 60° F. at surface, 1·02715; bottom, 1·02650.

Depth, 2360 fathoms; deposit, Globigerina Ooze, containing 54·59 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).