

## ST. THOMAS.

## ANOMURA (Henderson, Zool. pt. 69).

*Hypoconcha sabulosa* (Herbst). Two specimens (shallow water); obtained at no other locality by the Challenger. Recorded from West Indies.

*Porcellana sayana* (Leach). Several specimens (shallow water); obtained at no other locality by the Challenger. Recorded from West Indies and United States.

## LAMELLIBRANCHIATA (Smith, Zool. pt. 35).

*Amussium cancellatum*, n.sp. Obtained also at Stations 24, 33, and 56, 390 to 1075 fathoms.

## CEPHALOPODA (Hoyle, Zool. pt. 44).

*Octopus tchuelchus*, d'Orbigny. One specimen (8 fathoms); obtained at no other locality by the Challenger. Recorded from Central and South America.

## FISHES (Günther, Zool. pts. 6 and 78).

*Serranus apua*, Bl. Obtained at no other locality by the Challenger.

*Mesoprion chrysurus*, Bl. Obtained at no other locality by the Challenger.

*Pomacanthus para*, Bl. Obtained at no other locality by the Challenger.

*Scorpana plumieri*, Bl. Obtained at no other locality by the Challenger.

*Holocentrum longipinne*, C.V. Obtained also at Ascension.

*Echeneis naucrates*, Linné. Obtained also at Fiji.

In the foregoing list 40 species are enumerated from the shore and shallow water at St. Thomas, including 7 new to science, 5 of which were not obtained elsewhere.

## STATION 24.

## Station 24 (Sounding 70), St. Thomas to Bermuda (see Chart 7 and Diagram 2).

March 25, 1873; lat. 18° 38' 30" N., long. 65° 5' 30" W.

Temperature of air at noon, 77°·8; mean for the day, 76°·5.

Temperature of water at surface, 76°·0.

Density at 60° F. at surface, 1·02704.

Depth, 390 fathoms; deposit, Pteropod Ooze, containing 73·88 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

At 6.15 A.M. shortened and furled sails and got up steam to sound and dredge. At 7 A.M. sounded in 390 fathoms. At 7.30 A.M. put large dredge with tangles over, veering 800 fathoms. At 10.15 A.M. hauled in dredge, containing many specimens.