

STATIONS VII.
TO VIIS.

Volcanic Mud, containing 11·84 per cent. of carbonate of lime, bottom temperature 45°·0 (Station VII.M.); at 8.40 A.M., in 975 fathoms, deposit Volcanic Mud, bottom temperature 41°·0 (Station VII.N.); at 10 A.M., in 560 fathoms, deposit Volcanic Mud, containing 25·93 per cent. of carbonate of lime, bottom temperature 45°·5 (Station VII.O.); at 10.30 A.M., in 78 fathoms, deposit Volcanic Sand, containing 45·09 per cent. of carbonate of lime (Station VII.P.). At the same time dredgings were taken in shallow water, the animals noted below being recorded, but at 3.30 P.M. the dredge-rope parted and the dredge was lost, having fouled something at the bottom. Soundings were then taken in 179 fathoms, Hard Ground (Station VII.Q.); at 5 P.M., in 640 fathoms, deposit Volcanic Mud, containing 31·70 per cent. of carbonate of lime, bottom temperature 45°·8 (Station VII.R.); and at 5.45 P.M., in 1390 fathoms, deposit Volcanic Mud, bottom temperature 38°·5 (Station VII.S.). Proceeded thence under steam round the north-east extremity of the island.

STATION VII.P.
ANIMALS FROM
DREDGE.

The following species are recorded in the Zoological Reports as having been obtained in the shallow dredgings (70 to 78 fathoms) on this date (Station VII.P.):—

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

- Arctus pygmæus*, n.sp. One specimen; obtained at no other locality.
 „ sp. (?). Two young specimens.

ANOMURA (Henderson, Zool. pt. 69).

- Pagurus calidus*, Risso. One young specimen; obtained also at Cape Verdes. Recorded from the Mediterranean, Madeira, and Canaries.
Spiropagurus elegans, Miers. One specimen; obtained at no other locality by the Challenger. Recorded from Goree Island, Senegambia.
Anapagurus pusillus, n.sp. Many specimens; obtained also at Station 75, and Simon's Bay, Cape, 18 to 90 fathoms.
Galathea dispersa, Spence Bate. Two specimens; obtained at no other locality by the Challenger. Recorded from British seas.

BRACHYURA (Miers, Zool. pt. 49).

- Pisa (Arctopsis) tribulus* (Linné). One specimen; obtained also at Station 75, 50 to 90 fathoms. Recorded from North Atlantic and Mediterranean.

LAMELLIBRANCHIATA (Smith, Zool. pt. 35).

- Gastrochæna dubia* (Pennant). Obtained also at Cape Verdes. Recorded from North Atlantic and Mediterranean.