

Stations VIIg. to VIIj. (Soundings 29 to 31), off Madeira (see Chart 4).

STATIONS VIIg.
TO VIIj.

On February 3, 1873, soundings were taken as follows:—At 7 A.M., in 1150 fathoms, deposit Volcanic Mud, bottom temperature $39^{\circ}0$ (Station VIIg.); at 9 A.M., in 790 fathoms, deposit Volcanic Mud, bottom temperature $45^{\circ}0$ (Station VIIh.); and at 10 A.M., in 490 fathoms, deposit Volcanic Mud (Station VIIj.).

The Challenger remained at anchor at Funchal, Madeira, from 11 A.M. on February 3 till 2.30 P.M. on February 5.

AT MADEIRA.

The two following species are recorded as having been obtained at Madeira;—

ANOMURA (Henderson, Zool. pt. 69).

Eupagurus excavatus (Herbst), var. *meticulosa*, Roux. Two specimens; obtained also at Cape Verdes. Recorded from Mediterranean and North Atlantic.

ANIMALS FROM
MADEIRA.

BRACHYURA (Miers, Zool. pt. 49).

Leptopodia sagittaria (Fabricius). Several specimens; obtained also at Station 122, Cape Verdes, and Bahia. Recorded from North and South Atlantic, and Pacific coasts of Central and South America.

Station VIIk. (Sounding 32), Madeira to Tenerife (see Charts 2 and 5).

STATION VIIk.

February 6, 1873; lat. $29^{\circ} 19' N.$, long. $16^{\circ} 38' W.$

Temperature of air at noon, $62^{\circ}8$; mean for the day, $61^{\circ}7$.

Temperature of water at surface, $62^{\circ}5$; bottom, $36^{\circ}2$.

Depth, 1975 fathoms; deposit, Globigerina Ooze.

At 4 P.M. sounded in 1975 fathoms. Anaga Rock, Tenerife, distant at noon, 74 miles. Made good 174 miles since leaving Madeira yesterday, at an average rate of 8 knots per hour.

The ship remained at anchor in Santa Cruz Bay, Tenerife, from 8 A.M. on February 7 till 5.30 A.M. on February 10.

AT TENERIFE.

Stations VIIl. to VIIs. (Soundings 33 to 40), off Tenerife, Canary Islands (see Chart 5).

STATIONS VIIl.
TO VIIs.

On February 10 the ship went on a sounding trip round the island, the following soundings being taken:—At 6.45 A.M., in 278 fathoms, deposit Volcanic Mud, containing 10.36 per cent. of carbonate of lime (Station VIIl.); at 7.30 A.M., in 630 fathoms, deposit