

Stations VIIr. to VIIv. (Soundings 41 to 43), off Canary Islands (see Chart 5).

STATIONS VIIr. TO VIIv.

February 11, 1873.

Temperature of air at noon, 65°·8 ; mean for the day, 64°·3.

Temperature of water :—

Surface,	65·0	600 fathoms,	44·7
100 fathoms,	59·3	700 „	43·2
200 „	55·0	800 „	41·9
300 „	51·6	900 „	40·8
400 „	48·9	1000 „	40·0
500 „	46·5		

At 6.40 A.M. sounded in 1750 fathoms, deposit Volcanic Mud, containing 36·50 per cent. of carbonate of lime, bottom temperature 37°·5 (Station VIIr.); at 12.30 P.M. sounded in 1340 fathoms, deposit Volcanic Mud, bottom temperature 38°·5 (Station VIIu.); and at 4.45 P.M. in 1620 fathoms, deposit Volcanic Mud, bottom temperature 37°·5 (Station VIIv.). At 7.30 P.M. made all plain sail, and proceeded towards Gomera Island.

The following species of Crustacea is recorded in error as having been obtained at this Station :—

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

Eryoneicus cæcus, n.g., n.sp. One specimen. This is undoubtedly an error as to locality; the specimen was procured at Station 87 (which see).

Surface Organisms.—The following are noted as having been captured in the surface tow-nets :—*Porpita*, and shells of *Spirula*.

ORGANISMS FROM SURFACE-NETS.

Station VIII. (Sounding 44), off Canary Islands (see Chart 5).

STATION VIII.

February 12, 1873 ; lat. 28° 3' 15" N., long. 17° 27' W.

Temperature of air at noon, 63°·8 ; mean for the day, 61°·7.

Temperature of water :—

Surface,	64·5	200 fathoms,	57·6
50 fathoms,	64·0	300 „	54·2
100 „	63·0		

Depth, 620 fathoms ; deposit, Volcanic Mud, containing 29·02 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).