

Temperature of water :—

STATION 213.

Surface,	83.0	500 fathoms,	41.2
50 fathoms,	77.8	600 "	40.0
100 "	65.0	700 "	39.2
150 "	52.5	800 "	38.6
200 "	49.3	900 "	38.6
250 "	47.3	1100 "	38.6
300 "	45.7	1300 "	38.6
350 "	44.2	1500 "	38.6
400 "	43.2	Bottom,	38.6

Density at 60° F. :—

Surface,	1.02475	100 fathoms,	1.02569
	1.02553	200 "	1.02567
50 fathoms,	1.02521	Bottom,	1.02567
	1.02545		

Depth, 2050 fathoms ; deposit, Blue Mud, containing 1.75 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

A slight breeze sprang up before daybreak, and at 3.50 A.M. there was a squall accompanied by rain and lightning. At 11 A.M. shortened and furled sails, and proceeded under steam to sound. At noon sounded in 2050 fathoms. At 1.30 P.M. put over trawl, veering 2700 fathoms. Obtained serial temperatures down to 1500 fathoms. The carbonic acid was determined in water from 50 fathoms, and amounted to 29.8 milligrammes per litre. At 5 P.M. commenced heaving in trawl, which came up at 7.30 P.M. containing a few specimens and several hardened pieces of clay, in which fragments of wood were imbedded. Proceeded under steam.

Balat Island distant at noon, 81 miles. Made good 26 miles. Amount of current 8 miles, direction S. 30° W.

The following species are recorded in the Zoological Reports from the trawl at this Station :—

ANIMALS FROM
TRAWL.

SCHIZOPODA (Sars, Zool. pt. 37).

Thysanopoda cristata, n.sp. One specimen (probably not from bottom) ; obtained at no other locality.

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

Hemipenæus spinidorsalis, n.g., n.sp. One specimen ; obtained also at Station 133.

Aristeus armatus, n.sp. One specimen ; obtained also at Stations 133, 184, 237, 246, 276, and 323.

Acantheephyra acutifrons, n.sp. One specimen ; obtained also at Stations 191 and 214.