

BRACHYURA (Miers, Zool. pt. 49).

Nautilograpsus minutus (Linné).

PELAGIC HEMIPTERA (White, Zool. pt. 19).

Halobates sericeus, Eschscholtz.

NUDIBRANCHIATA (Bergh, Zool. pt. 26).

Glaucus longicirrus, Reinhardt,
Bergh (?).

FISHES (Günther, Zool. pt. 78).

Scombresox forsteri, (young).

STATION 260.

The Challenger remained at Honolulu from 4 P.M. on July 27 till 9.30 A.M. on August 11, 1875, proceeding thence to Hawaii. During the stay at Honolulu, Mr. Murray was engaged several days dredging from the steam pinnace outside the reefs in depths of 8 to 40 fathoms. AT HONOLULU.

Station 261 (Sounding 403), between Oahu and Hawaii Islands, Sandwich Islands (see Chart 37 and Diagram 19). STATION 261.

August 12, 1875; lat. 20° 18' N., long. 157° 14' W.

Temperature of air at noon, 78°·5; mean for the day, 77°·8.

Temperature of water :—

Surface,	78·5	180 fathoms,	47·4
10 fathoms,	75·6	190 "	47·0
20 "	75·3	200 "	46·6
30 "	74·9	300 "	42·6
40 "	73·1	400 "	40·8
50 "	70·9	500 "	39·7
60 "	68·3	600 "	38·8
70 "	66·0	700 "	38·0
80 "	63·7	800 "	37·3
90 "	61·4	900 "	36·9
100 "	59·0	1000 "	36·4
110 "	56·9	1100 "	36·1
120 "	55·0	1200 "	35·9
130 "	53·0	1300 "	35·7
140 "	51·3	1400 "	35·4
150 "	50·0	1500 "	35·2
160 "	49·1	Bottom,	35·2
170 "	48·2		

Density at 60° F. :—

Surface,	1·02586	200 fathoms,	1·02528
25 fathoms,	1·02566	300 "	1·02525
50 "	1·02583	800 "	1·02528
100 "	1·02566	Bottom,	1·02577

Depth, 2050 fathoms; deposit, Volcanic Mud.