

by jerks, the propelling spouts from the siphon being directed somewhat downwards, so that the shell was a little rotated and raised to a slightly greater extent out of the water at each jerk. Occasionally when the animal was excited it made a sort of dash, the water being spouted out with great violence, so as to cause a strong eddy on the surface. On each side of the base of the opercular-like head-fold, the fold of the mantle closing the gill-cavity was to be seen rising and falling with a pulsating motion, which was very conspicuous. The tentacular-like arms were held extended radially from the head, like the tentacles of an Actinian somewhat, but each pair in a constant and different direction. One pair was held directly downwards; those on each side of the eye were held projecting obliquely from it forwards and backwards, as if to protect that organ. The smallness and fineness of the arms were very striking, as also the very definite direction of each pair."

STATIONS 173
AND 173A.

The specimen of *Chaunax* was of a beautiful rose colour, and the tentacular-like appendages along the body appeared to mimic closely the red Algæ. All the scales had been rubbed off the Scopelid when hauling in the trawl.

Stations 174 to 174D (Soundings 300 to 304), off Kandavu Island (see Chart 30 and Diagram 12).

STATIONS 174
TO 174D.

August 3, 1874.

Temperature of air at noon, 78°·3; mean for the day, 74°·8.

Temperature of water:—

Surface,	78·0	350 fathoms,	44·2
50 fathoms,	76·8	400 "	42·3
100 "	71·0	450 "	40·9
150 "	65·2	500 "	39·8
200 "	59·5	600 "	39·0
250 "	53·7	Bottom (610 fathoms),	39·0
300 "	47·8		

At daylight observed Kandavu Island on the starboard beam. At 7.45 A.M. stopped off the entrance to Ngaloa Harbour, and despatched surveying boats. Soundings were taken:—in 140 fathoms, deposit Coral Mud, containing 86·41 per cent. of carbonate of lime (Station 174); in 160 fathoms, deposit Coral Mud (Station 174A); in 255 fathoms, deposit Coral Mud, containing 86·31 per cent. of carbonate of lime (Station 174B); in 610 fathoms, deposit Globigerina Ooze, containing 79·65 per cent. of carbonate of lime (Station 174C); and in 210 fathoms, deposit Coral Mud, containing 86·97 per cent. of carbonate of lime (Station 174D). At the last three Stations trawlings and dredgings were taken, the trawl being used in 255 and 610 fathoms, and the dredge in 210 fathoms.