

STATION 217. crabs. The crabs, a small *Grapsus*-like form and another larger one, inhabit the logs as does *Nautilograpsus* those in the Atlantic. These various animals appear to frequent the logs because of the concentration about them of the surface animals. Enormous quantities of small fish were about the wood, and troops of dolphins (*Coryphæna*), and sharks (*Carcharias*) two to four feet in length, were seen feeding in the midst of the driftwood masses, splashing the water and showing above the surface as they caught their prey. I found a large Ctenophor (*Eucharis*) and *Physalia*, and very small flying fish were common, as among the gulf-weed. The wood was bored by a *Pholas* and by an *Aphrodita*."

AT NEW GUINEA. The Challenger remained at Humboldt Bay, New Guinea, on February 23 and 24, 1875 (for description of Humboldt Bay see *Narr. Chall. Exp.*, vol. i. pp. 681-689). The deposit in 37 fathoms was a Blue Mud, containing 28.91 per cent. of carbonate of lime, in which the following species of Ostracoda were observed:—

ORGANISMS FROM THE DEPOSIT. OSTRACODA (Brady, Zool. pt. 3).

*Phlyctenophora zealandica*, n.g., n.sp. Obtained also at Port Jackson and Wellington Harbour, N.Z.

*Pontocypris attenuata*, Brady. Obtained also at Hong Kong.

*Macrocypris orientalis*, Brady (?). Obtained also at Station 187.

*Bairdia amygdaloides*, Brady. For distribution see Station 162.

*Cythere papuensis*, n.sp. Obtained at no other locality.

„ *dictyon*, n.sp. Widely distributed (see Station 24).

„ *scutigera*, Brady. Obtained also at Stations 167, 300, and Amboina.

*Cytherella semitalis*, Brady. For distribution see Station 187.

ORGANISMS FROM SURFACE-NETS.

Surface Organisms.—The following species are recorded from the surface in the neighbourhood of New Guinea:—

COPEPODA (Brady, Zool. pt. 23).

*Leuckartia flavicornis*, Claus (?).

*Undina vulgaris*, Dana.

„ *darwini*, Lubbock.

*Scolecithrix danæ* (Lubbock).

*Euchæta prestandrea*, Philippi.

*Pontella plumata*, Dana.

*Setella gracilis*, Dana.

*Corycæus* sp. (?).

*Copilia mirabilis*, Dana.

*Oncæa obtusa*, Dana.

*Saphirina ovalis*, Dana.

„ *opalina*, Dana.

AMPHIPODA (Stebbing, Zool. pt. 67).

*Phronimella elongata*, Claus.

SCHIZOPODA (Sars, Zool. pt. 37).

*Euphausia pellucida*, Dana.

*Thysanopoda tricuspudata*, M.-Edwards, (juv.).