

golden band round it (like Semper's Cœlenterate larva), *Beroë*, Echinoderm larvæ, *Sagitta*, *Alciopa*, Sipunculid and Echiurid larvæ, *Cypridina* (three or four species), *Pontella*, *Copilia*, *Calanus*, *Setella*, *Saphirina*, Hyperids, *Oxycephalus*, *Erichthus*, *Euphausia*, *Regulus lucidus*, Dana, *Lucifer*, *Sergestes* and larvæ, *Phyllosoma*, Zoëæ, *Halobates*, small Lamellibranchs and Gasteropods, *Atlanta*, *Cardiopoda*, *Firoloida*, Pteropods and larvæ in great variety, small Cephalopods, *Appendicularia*, *Doliolum*, *Salpa*, small fishes. A female shark (*Carcharias*) was caught; it had the remains of a noddy tern in its stomach. What appeared to be a true *Amœba* was observed, but it may have escaped from some of the animals on the slide. *Hastigerina* became abundant, while the other Foraminifera became less numerous; it was always of a red colour and always had spines, along which it threw out its pseudopodia, attaching itself to the glass globe by other pseudopodia; it had no yellow cells (zooxanthellæ) like *Orbulina* and *Globigerina*. The red sarcode mass of *Aulosphæra* was often separated from the skeleton, and was found in the globe among the other things without reticulated sphere. Some of the specimens of *Halobates* lived for a long time in a glass globe, diving frequently and carrying with them a bubble of air.

The following species are recorded from the surface in this part of the Pacific, in February and March 1875, the exact date not being noted:—

## AMPHIPODA (Stebbing, Zool. pt. 67).

*Phronimella elongata*, Claus.

## SCHIZOPODA (Sars, Zool. pt. 37).

*Nematoscelis rostrata*, n.g., n.sp.

*Siriella gracilis*, Dana.

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

*Sergestes corniculum*, Krøyer.

„ *læviventralis*, n.sp.

*Sciacaris telsonis*, n.g., n.sp.

*Amphion* sp. (?), (Zoëæ).

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

*Halobates wüllerstorffi*, Frauenfeld.

„ *germanus*, n.sp.

## NUDIBRANCHIATA (Bergh, Zool. pt. 26).

*Glaucilla briareus* (Reinhardt).

## TUNICATA (Herdman, Zool. pt. 76).

*Pyrosoma* sp. (?).

*Salpa runcinata-fusiformis*,

Chamisso—Cuvier.

**Station 229** (Sounding 367), Admiralty Islands to Yokohama (see Chart 31, and Diagrams 14 and 16). STATION 229.

April 1, 1875; lat. 22° 1' N., long. 140° 27' E.

Temperature of air at noon, 79°·8; mean for the day, 77°·3.