

STATION 200.

Undina vulgaris, Dana.
 „ *darwinii*, Lubbock.
Temora dubia (Lubbock).
Candace truncata, Dana.
Corynura gracilis, n.g., n.sp.
Calanopia elliptica, Dana.
Pontella acuta (Dana).
 „ *lævidentata*, n.sp.
 „ *kröyeri*, n.sp.
 „ *elephas*, n.sp.
Corycæus varius, Dana.
Lubbockia squillimana, Claus.
Copilia mirabilis, Dana.
Saphirina inæqualis, Dana.

AMPHIPODA (Stebbing, Zool. pt. 67).
Hyperia sibaginis, n.sp.
 SCHIZOPODA (Sars, Zool. pt. 37).
Euphausia latifrons, n.sp.
 MACRURA (Spence Bate, Zool. pt. 52).
Anebocaris quadroculus, n.g., n.sp.
Hectarthropus exilis, n.g., n.sp.
 „ *expansus*, n.g., n.sp.
 PTEROPODA (Pelseneer, Zool. pt. 65).
Clio (Creseis) acicula (Rang).
 „ (*Hyalocylis*) *striata* (Rang).

The sea had the same appearance as on the previous day, and the nets from the surface were covered with slime. All the organisms noted yesterday were observed, Ctenophoræ being more numerous, while Echinoderm larvæ and Crustacean larvæ were very abundant, including the larvæ of *Gnathophausia zoëa* (?). Nemerteans were also present.

Willemoes-Suhm writes: "There was a great abundance of surface animals from 80 fathoms, among which were the Zoëa stages (?) of a *Gnathophausia* taken in the trawl. This would be very important as regards the systematic position of *Gnathophausia*, for the Lophogastridæ, to which it is most nearly allied, undergo the Mysid metamorphosis, whereas the only Schizopods undergoing the Zoëa stage are the Euphausidæ, to which *Gnathophausia* is allied by the presence of accessory eyes on the maxillæ; *Gnathophausia* would therefore represent a very remarkable link between the two families."

AT SAMBOANGAN.

The Challenger remained at Samboangan from 8.50 P.M. on October 23 till 6 A.M. on October 26.

October 24, 1874.

ORGANISMS FROM
SURFACE-NETS.

Surface Organisms.—A strong tide ran past the place where the ship was anchored, and the tow-net procured many shore and bottom-living Foraminifera (*Rotalia*, *Miliolina*, *Cristellaria*), which may have been washed up from the bottom, along with parts of the stems of Hydroids and other things. There were besides:—*Globigerina*, *Orbulina*, Echinoderm larvæ, Sabellid larvæ with siliceous tubes, many Zoëæ and Nauplii, Pteropods and other small shells.