

STATION 245. Distance at noon from Honolulu, 1708 miles. Made good 132 miles. Amount of current 15 miles, direction N. 16° W.

ORGANISMS FROM
THE DEPOSIT.

RADIOLARIA (Haeckel, Zool. pt. 40).—The following species of Radiolaria were observed in the deposit from this Station (see also Murray and Renard, Deep-Sea Deposits Chall. Exp.):—

Clathrosphæra circumtexta, Haeckel.
Theocyrtis proserpinæ, Haeckel.
Aulographis hexancistra, Haeckel.
Auloceros dicranaster, Haeckel.
Aulopathis tetrodon, Haeckel.

Challengeria aldrichi, Murray.
Challengeron triangulum, Haeckel.
Haeckeliana darwiniana, Haeckel.
Tuscarora tubulosa, Murray.
Conchopsis compressa, Haeckel.

ORGANISMS FROM
SURFACE-NETS.

Surface Organisms.—The following species are recorded from the surface and deep nets at this Station:—

RADIOLARIA (Haeckel, Zool. pt. 40).

Sphærozoum trigeminum, Haeckel.
Siphonosphæra pipetta, Haeckel.
Stylosphæra nana, Haeckel.
Sethoconus trochus, Haeckel.
Theocampe cryptoprora, Haeckel.
Aulacantha spinosa, Haeckel.
Auloceros furcosus, Haeckel.
Challengeria bromleyi, Haeckel.
Challengeron triodon, Haeckel.
Castanella balfouri, Haeckel.

Castanidium bethelli, Haeckel.
Castanissa hoylei, Haeckel.
Conchidium rhynchonella, Haeckel.

AMPHIPODA (Stebbing, Zool. pt. 67).

Paraphronima cuivis, n.sp.
Phronima atlantica, Guérin.

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

Hymenodora rostrata, n.sp.

In addition, the following are recorded in the note-books from the surface and down to 50 fathoms:—*Peridinium* (*Ceratium*) *tripos* and other species, Diatoms, *Halosphæra*, *Globigerina*, *Orbulina*, *Pulvinulina micheliniana*, Medusæ, Siphonophoræ, Cytherids, *Saphirina* and other Copepods, Zoëæ of Cirripeds (*Archizoëa*), Hyperids, *Oxycephalus*, and other Amphipods, Zoëæ of *Euphausia*, Pteropods and larvæ, *Salpa*, *Doliolum*, *Appendicularia*, *Fritillaria*. Quantities of Cirripeds in spherical masses, and large specimens of *Rhizostoma*, were seen floating past. The tow-nets sent down to deep water contained all the things taken at the surface, and in addition Phæodaria and many other Radiolaria not found on the surface. Larger specimens of *Pulvinulina* and *Orbulina* were taken in the deep hauls than in the surface ones. A large school of dolphins (*Coryphæna*) and sharks were about the ship in the afternoon and evening.