

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

STATION 251.
ORGANISMS FROM
SURFACE-NETS.

AMPHIPODA (Stebbing, Zool. pt. 67).

Eupronoë pacifica, n.sp.

SCHIZOPODA (Sars, Zool. pt. 37).

Thysanoëssa gregaria, n.sp.

PTEROPODA (Pelseneer, Zool. pt. 65).

Clio (Styliola) subula (Quoy and Gaimard).

„ *pyramidata*, Linné.

In addition, the following are recorded in the note-books :—*Globigerina*, *Orbulina*, and other Foraminifera, Acanthometræ and other Radiolaria, Medusæ, *Verella* and other Siphonophoræ, *Alciopa*, tubicolous Annelids, *Distomum*, *Cypridina*, Copepods, Cypris stage of *Lepas fascicularis*, Nauplii, *Archizoëa*, Hyperids, Isopods, *Bopyrus* on *Euphausia*, *Euphausia megalopæ*, *Halobates*, larval Gasteropods and Heteropods, Nudibranchs, *Atlanta*, *Cardiopoda*, *Oxygyrus*, *Pneumonoderma*, *Hyalæa* [= *Cavolinia*], and fish eggs. *Verella* was very abundant in the water; many of the specimens were dead, and attached to these were *Lepas fascicularis*, *Halobates*, and a Nudibranch. Numbers of small pieces of pumice were also observed, mostly overgrown with a mould, or Alga, giving it a yellow colour; some of it was exceedingly porous and with an appearance of organic structure.

Station 252 (Sounding 394), Yokohama to Sandwich Islands (see Chart 36 and Station 252. Diagram 18).

July 12, 1875; lat. 37° 52' N., long. 160° 17' W.

Temperature of air at noon, 67°·5; mean for the day, 66°·6.

Temperature of water :—

Surface,	65·0	400 fathoms,	39·8
25 fathoms,	55·6	500 „	38·3
50 „	54·0	600 „	37·3
75 „	52·5	700 „	36·7
100 „	51·1	800 „	36·2
125 „	49·9	900 „	35·9
150 „	48·7	1000 „	35·8
175 „	47·4	1100 „	35·6
200 „	46·1	1200 „	35·5
225 „	45·0	1300 „	35·4
250 „	44·0	1400 „	35·3
275 „	43·1	1500 „	35·3
300 „	42·3	Bottom,	35·3