

## JAPAN.

and other Annelid larvæ, Planarians and larvæ, *Evadne*, *Daphnia*, Copepods, Cirriped larvæ, Amphipods, Isopods, Zoëæ, small Gasteropods and Lamellibranchs, Cyphonautes, *Appendicularia*.

On April 13, in Yokohama Bay, the tow-nets came up crammed with masses of small Diatoms, in greater abundance than previously observed during the cruise, among which were noticed a few specimens of *Peridinium*, Infusorians, and Medusæ. On June 6, after the ship returned to Yokohama from a visit to the Inland Sea, there were relatively very few Diatoms in the surface tow-nets, which contained, however, immense numbers of small Acanthometræ, larvæ of *Membranipora*, small shells, *Peridinium*, Infusorians, Copepods, and Cirriped larvæ. *Noctiluca* was present in all the hauls of the tow-net in the bays and harbours of Japan.

Willemoes-Suhm writes: "I studied every day the development of *Polygordius*, from the larva of which I got the worm in a globe; I got also Cyphonautes, the larva of a *Membranipora*, and *Evadne*. Annelid larvæ were common, and so was a *Pluteus*, Cirriped larvæ (Nauplius and Cypris stages) were abundant, and next came Copepods, Zoëæ, and small shells with velum."

## STATION 237.

**Station 237** (Sounding 379), Yokohama to Sandwich Islands (see Charts 35 and 36, and Diagram 17).

June 17, 1875.; lat. 34° 37' N., long. 140° 32' E.

Temperature of air at noon, 68°·8; mean for the day, 69°·5.

Temperature of water:—

Surface, . . . . .	73·0	250 fathoms, . . . . .	48·0
10 fathoms, . . . . .	73·4	275 " . . . . .	46·0
20 " . . . . .	72·0	300 " . . . . .	44·1
30 " . . . . .	70·5	400 " . . . . .	40·8
40 " . . . . .	69·0	500 " . . . . .	38·8
50 " . . . . .	67·5	600 " . . . . .	37·7
60 " . . . . .	66·1	700 " . . . . .	37·0
70 " . . . . .	65·0	800 " . . . . .	36·6
80 " . . . . .	64·0	900 " . . . . .	36·4
90 " . . . . .	63·2	1000 " . . . . .	36·2
100 " . . . . .	62·4	1100 " . . . . .	36·0
125 " . . . . .	59·8	1200 " . . . . .	35·8
150 " . . . . .	57·0	1300 " . . . . .	35·6
175 " . . . . .	54·5	1400 " . . . . .	35·4
200 " . . . . .	52·0	1500 " . . . . .	35·3
225 " . . . . .	50·0	Bottom, . . . . .	35·3