STATION 237.

Medusetta quadrigata, Haeckel.
Gazelletta trispathilla, Haeckel.
Castanidium bethelli, Haeckel.
Cælodendrum flabellatum, Haeckel.

COPEPODA (Brady, Zool. pt. 23).

Eucalanus setiger, n.sp.
Scolecithrix danæ (Lubbock).
Euchæta prestandreæ, Philippi.
Candace pectinata, Brady.
Oncæa obtusa (Dana).

PTEROPODA (Pelseneer, Zool. pt. 65).

Clio (*Crescis*) *acicula* (Rang).

TUNICATA (Herdman, Zool. pt. 76).

Doliolum affine, n.sp.
    „   *challengeri*, n.sp.

FISHES (Günther, Zool. pt. 78).

Thyrsites prometheus, C.V.

In addition, the following are recorded in the note-books :—*Noctiluca, Pyrocystis, Peridinium* (*Ceratium*), *Globigerina, Orbulina, Hastigerina, Pulvinulina,* Medusæ, Siphonophoræ, Ctenophoræ, *Sagitta, Alciopa,* tubicolous and other Annelids and larvæ, *Daphnia, Cypridina, Saphirina,* Cirriped larvæ, *Euphausia, Lucifer,* small Lamellibranchs and Gasteropods, *Atlanta,* many Pteropods and larvæ, small cuttle-fish, *Appendicularia,* and several small fishes.

STATION 238.

Station 238 (Sounding 380), Yokohama to Sandwich Islands (see Chart 36 and Diagram 17).

June 18, 1875 ; lat. 35° 18′ N., long. 144° 8′ E.
Temperature of air at noon, 72°·8 ; mean for the day, 72°·7.
Temperature of water :—

	°			°
Surface, ...	70·5	250 fathoms, . . .	48·8
10 fathoms, . . .	69·6	275 „ . . .	47·1
20 „ . . .	68·7	300 „ . . .	45·9
30 „ . . .	67·8	400 „ . . .	42·2
40 „ . . .	66·9	500 „ . . .	39·7
50 „ . . .	66·0	600 „ . . .	38·3
60 „ . . .	65·1	700 „ . . .	37·5
70 „ . . .	64·2	800 „ . . .	37·0
80 „ . . .	63·3	900 „ . . .	36·6
90 „ . . .	62·4	1000 „ . . .	36·4
100 „ . . .	61·5	1100 „ . . .	36·2
125 „ . . .	59·3	1200 „ . . .	36·0
150 „ . . .	57·0	1300 „ . . .	35·7
175 „ . . .	54·9	1400 „ . . .	35·5
200 „ . . .	52·7	1500 „ . . .	35·3
225 „ . . .	50·7	Bottom, . . .	35·0