

STATION 192.

- Anticitharus polypilus*, n.g., n.sp. Two specimens; obtained at no other locality.
Only species of the genus.
- Samaris maculatus*, n.sp. Obtained at no other locality.
- Solea kaiana*, n.sp. Obtained at no other locality.
- Saurus kaianus*, n.sp. Obtained at no other locality.
- Triacanthodes anomalus*, Schlegel. Several specimens; obtained at no other locality
by the Challenger. Recorded from Japan.

In addition to the foregoing, the following are recorded in the Station-book:—
Dentalium, several Polyzoa, and Brachiopod.

Excluding Protozoa, over 400 specimens of invertebrates and fishes were obtained at this Station, belonging to about 167 species, of which four-fifths (132 species) are new to science, including representatives of 32 new genera; 110 of the new species and 15 new genera were not obtained elsewhere.

This was one of the most productive and interesting hauls obtained during the cruise, some of the specimens having the appearance of true deep-sea inhabitants; all the conditions, both physical and biological, appear to be very peculiar, being partly littoral or sub-littoral and partly abysmal.

STATION 193.

Station 193 (Sounding 326), Arrou Islands to Banda (see Chart 31 and Diagram 14).

September 28, 1874; lat. 5° 24' S., long. 130° 37' 15" E.

Temperature of air at noon, 84°·0; mean for the day, 82°·3.

Temperature of water:—

Surface,	83·5	450 fathoms,	42·6
25 fathoms,	81·0	550 "	40·7
50 "	78·0	600 "	40·1
75 "	72·0	700 "	39·2
100 "	66·0	800 "	38·3
125 "	60·0	900 "	38·0
150 "	55·3	1100 "	38·0
200 "	50·2	1300 "	38·0
300 "	46·0	1500 "	38·0
350 "	44·7	Bottom,	38·0

Density at 60° F.:—

Surface,	1·02565	300 fathoms,	1·02582
50 fathoms,	1·02564	400 "	1·02582
100 "	1·02583	600 "	1·02569
200 "	1·02589	Bottom,	1·02558