

construction. A *Palythoa* had settled on them. There was a capsule having three compartments, in which there had probably been eggs; it belonged either to a Gasteropod or, as is more likely from the large size of the compartments, to a Cephalopod."

STATION 156.

Moseley writes: "One of the large Holothurians had a deep purple colouring matter, soluble in spirit and giving two absorption bands."

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

ORGANISMS FROM
SURFACE-NETS.

RADIOLARIA (Haeckel, Zool. pt. 40).

Aulodendron antarcticum, Haeckel.*Sagoscena pellorium*, Haeckel.*Aulosphaera bisternaria*, Haeckel.*Auloscena penicillus*, Haeckel.

SCHIZOPODA (Sars, Zool. pt. 37).

Euphausia antarctica, n.sp.

PTEROPODA (Pelseneer, Zool. pt. 65).

Clio sulcata (Pfeffer).

FISHES (Günther, Zool. pt. 78).

Prymnothonus sp. (?), young.

In addition, the following are recorded in the note-books:—A few larvæ of *Chirodota* (?), small specimens of *Alciopa* and *Tomopteris*, a very large specimen of *Sagitta* from the trawl, a few Cypridinidæ, Calanids abundant, *Hyperia*, *Primno*.

Willemoes-Suhm writes: "The *Euphausiæ*, very common on the surface near the ice, were scarcer in clear water, where the Copepod genera *Calanus* and *Calanella* [= *Eucalanus*] were the most abundant animals."

Station 157 (Sounding 261), Termination Land to Melbourne (see Chart 24, and Diagrams 9 and 10). STATION 157.

March 3, 1874; lat. 53° 55' S., long. 108° 35' E.

Temperature of air at noon, 38°·3; mean for the day, 36°·9.

Temperature¹ of water:—

Surface,	37·2	90 fathoms,	32·5
10 fathoms,	36·8	100 "	{ 32·7
20 "	36·8		{ 32·8
30 "	36·6	200 "	33·0
40 "	36·6	300 "	33·0
50 "	36·6	400 "	32·6
60 "	36·6	500 "	32·8
70 "	33·0	Bottom,	{ 32·0
80 "	32·5		{ 32·2

¹ Actual readings of thermometers.