

## STATION 141. LAMELLIBRANCHIATA (Smith, Zool. pt. 35).

*Saxicava arctica*, Linné. For distribution see Station 75.

*Pecten limatula*, Reeve, var. (?). Obtained also at Station 135.

## GASTEROPODA (Watson, Zool. pt. 42).

*Fusus (Sipho) pyrhostoma*, n.sp. One specimen; obtained at no other locality.

*Ancilla (Anaulax) montrouzieri* (Souverbie). One specimen; obtained at no other locality by the Challenger. Recorded from New Caledonia.

*Voluta (Volutilithes) abyssicola*, Adams and Reeve. One or two specimens; obtained also at Station 142, 150 fathoms. Recorded from the Cape.

## TUNICATA (Herdman, Zool. pt. 38).

*Psammaplidium exiguum*, n.g., n.sp. One specimen; obtained at no other locality.

In addition to the foregoing, the following are recorded in the Station-book:—Hydroid, *Palythoa* (?), *Luidia fragilissima*, *Astrogonium* sp., *Archaster andromeda*, *Caprella*, *Pagurus*.

Excluding Protozoa, over 100 specimens of invertebrates were obtained at this Station, belonging to about 28 species, of which 11 are new to science, including representative of 1 new genus; 9 of the new species were not obtained elsewhere.

ORGANISMS FROM  
SURFACE-NETS.

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

## AMPHIPODA (Stebbing, Zool. pt. 67).

*Hyperia promontorii*, n.sp.

*Hyperoche cryptodactylus*, n.sp.

## SCHIZOPODA (Sars, Zool. pt. 37).

*Euphausia splendens*, Dana.

*Anchialus typicus*, Krøyer.

In the evening the water was very luminous, apparently caused by myriads of Zoëæ, including a few larger Megalopæ; there were also *Peridinium*, Medusæ, *Velellæ*, *Sagittæ*, and larvæ of Decapods and *Squilla*.

## STATION 142.

Station 142 (Sounding 232), Cape of Good Hope to Marion Island (see Chart 18).

December 18, 1873; lat. 35° 4' S., long. 18° 37' E.

Temperature of air at noon, 67°·0; mean for the day, 65°·7.

Temperature of water at surface, 65°·5; bottom, 47°·0

Density at 60° F. at surface, 1·02665; bottom, 1·02658.