

ship to wind, and sounded in 2900 fathoms. At 8 A.M. veered trawl-rope to 3700 fathoms. Obtained serial temperatures down to 1500 fathoms. At 2 P.M. commenced heaving in trawl, which came up at 5 P.M. much torn, but containing many manganese nodules, pumice-stones coated with manganese, sharks' teeth, and a few specimens. At 5.30 P.M. made all plain sail. The carbonic acid was determined in water from 400 and 2475 fathoms, and amounted respectively to 39.2 and 35.3 milligrammes per litre. Black albatrosses were numerous about the ship, and were easily taken with the hook; boatswain birds and prion-like birds were also seen.

Honolulu distant at noon, 1405 miles. Made good 98 miles. Amount of current for the last two days 35 miles, direction N. 75° E.

The following species are recorded in the Zoological Reports from the trawl at this Station :—

MONAXONIDA (Ridley and Dendy, Zool. pt. 59).

Chondrocladia concrescens (Schmidt) (?). Five fragmentary specimens; obtained at no other locality by the Challenger.

HEXACTINELLIDA (Schulze, Zool. pt. 53).

Bathydorus fimbriatus, n.g., n.sp. One specimen; obtained also at Station 241.

HYDROIDA (Allman, Zool. pt. 70).

Monocaulus imperator, n.sp. One specimen; obtained also at Station 237.

TUNICATA (Herdman, Zool. pt. 17).

Hypobythius calycodes, Moseley, n.g., n.sp. One specimen; obtained at no other locality. The only other species of the genus (*Hypobythius moseleyi*) was taken at Station 320.

In addition to the foregoing, the Station-book records :—*Hyalonema* spicules, skeleton of *Farrea* in the interior of a manganese nodule, Holothurian, two fragments of *Diadema* (?), and *Aphrodita*.

Excluding Protozoa, about a dozen specimens of invertebrates were obtained at this Station, belonging to 7 species, of which 3 are new to science, including representatives of 2 new genera; 1 of the new species was not obtained elsewhere.

Surface Organisms.—The following species are recorded from the surface in the vicinity of this Station :—

RADIOLARIA (Haeckel, Zool. pt. 40).

<i>Lampoxanthium punctatum</i> , Haeckel.		<i>Sphærozoum variabile</i> , Haeckel.
<i>Sphærozoum trigeminum</i> , Haeckel.		<i>Siphonosphæra pipetta</i> , Haeckel.

ANIMALS FROM
TRAWL.

ORGANISMS FROM
SURFACE-NETS.