

a very slender form allied to *Anceus*, very small and insignificant *Serolis*, probably one of the northernmost representatives of this southern genus, an Ostracode, a peculiar Maiid, a small *Stenorhynchus*, and a *Nymphon*. The shell of a *Venus* was very remarkable." STATION 161.

Station 162 (Sounding 266), Melbourne to Sydney (see Chart 25).

STATION 162.

April 2, 1874; lat. 39° 10' 30" S., long. 146° 37' E.

Temperature of air at noon, 62°·3; mean for the day, 62°·3.

Temperature of water at surface, 63°·2.

Density at 60° F. at surface 1·02632.

Depth, 38 fathoms; deposit, Shelly Sand, containing 82·22 per cent. of carbonate of lime (see Murray and Renard, Deep-Sea Deposits Chall. Exp.).

Under steam all night. At 5.30 A.M. observed land near Wilson's Promontory on the port bow. Altered course towards Rodondo Island. At 8.20 A.M. passed S. side of Rodondo Island, and altered course towards Moncœur Islands. At 9.20 A.M. passed within a mile (S. by E.) of W. Moncœur Island, and steered towards E. Moncœur Island. At 10 A.M. stopped near E. Moncœur Island to dredge. Lowered cutter, and landed exploring party on E. Moncœur Island. At 11 A.M. hove up dredge. Fired two guns to recall exploring party. At noon stopped off N.W. point of E. Moncœur Island. At 12.20 P.M. exploring party returned. Proceeded N.E. by E. At 1.20 P.M. stopped to trawl. At 2.40 P.M. hove up trawl, and made sail. At 7.30 P.M. lost sight of Wilson's Promontory Light.

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

ANIMALS FROM
DREDGE AND
TRAWL.

KERATOSA (Poléjaeff, Zool. pt. 31).

Psammoclema ramosum, Marshall. One specimen; obtained at no other locality by the Challenger. Recorded from Bass Strait.

„ *foliaceum*, n.sp. One specimen; obtained at no other locality.

Cacospongia tuberculata, n.sp. Two specimens; obtained at no other locality.

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

Pachychalina elongata, n.sp. One specimen; obtained at no other locality.

„ (?) *punctata*, n.sp. One specimen; obtained at no other locality.

Chalina pergamentacea, Ridley. One specimen; obtained at no other locality by the Challenger. Recorded from Brazil and Torres Strait.