

STATION 170.—Off the Kermadec Islands, July 14, 1874; lat. $29^{\circ} 55' S.$, long. $178^{\circ} 14' W.$; 520 fathoms; volcanic mud; bottom temperature, 43° ; surface temperature, 65° . Trawl.

Amphitretus pelagicus, n. sp.

STATION 170A.—Off the Kermadec Islands, July 14, 1874; lat. $29^{\circ} 45' S.$, long. $178^{\circ} 11' W.$; 630 fathoms; volcanic mud; bottom temperature, $39^{\circ} \cdot 5$; surface temperature, $65^{\circ} \cdot 2$. Trawl.

Eledone verrucosa.

STATION 171.—North of the Kermadec Islands, July 15, 1874; lat. $28^{\circ} 33' S.$, long. $177^{\circ} 50' W.$; 600 fathoms; hard ground; bottom temperature, $39^{\circ} \cdot 5$; surface temperature, $66^{\circ} \cdot 5$. Trawl.

Cirroteuthis meangensis, n. sp.

The Reefs, Tongatabu, 18 fathoms.

Octopus tonganus, n. sp.

STATION 173.—Off Matuku, Fiji Islands, July 24, 1874; lat. $19^{\circ} 9' 35'' S.$, long. $179^{\circ} 41' 50'' E.$; 315 fathoms; coral mud; surface temperature, 76° . Dredge.

Nautilus pompilius.

The Reefs, Kandavu, Fiji.

Octopus vitiensis, n. sp.

Surface of the harbour, Kandavu, Fiji.

Sepioteuthis lessoniana.

Between Api, New Hebrides, and Cape York, August 22, 1874; from the stomach of a specimen of *Sula piscator*, which alighted on the ship.

Ommastrephes oualaniensis.

STATION 181.—Off the south-eastern extremity of Papua, August 25, 1874; lat. $13^{\circ} 50' S.$, long. $151^{\circ} 49' E.$; 2440 fathoms; red clay; bottom temperature, $35^{\circ} \cdot 8$; surface temperature, 80° . Trawl.

Cirroteuthis pacifica, n. sp.

Raine Island, Torres Strait; picked up on the shore.

Spirula peronii (shells).