

August and September 1875; Pacific Ocean; lat.  $7^{\circ} 35' - 5^{\circ} 54' N.$ , long.  $149^{\circ} 49' - 147^{\circ} 2' W.$ ; surface; surface temperature,  $81^{\circ}$ . One specimen, female, seventeenth-twentieths of an inch long.

Station 272, September 8, 1875; Mid Pacific Ocean; lat.  $3^{\circ} 48' S.$ , long.  $152^{\circ} 56' W.$ ; surface temperature,  $79^{\circ}$ . (*Phronima tenella*, see p. 1355.)

September 15, 1875; Mid Pacific Ocean; lat.  $12^{\circ} 8' S.$ , long.  $150^{\circ} 13' W.$ ; surface; surface temperature,  $75^{\circ}$ . One specimen, female.

October 1875; South Pacific, between Tahiti and Juan Fernandez; surface. One specimen, female, agreeing in the shape of the third peræopods very exactly with Guérin's figure, in the Magasin de Zoologie, of *Phronima atlantica*, with bifid tooth on the fourth joint; this specimen is about three-quarters of an inch long, and has very small marsupial plates, which look like little branchial vesicles, adjoining the second gnathopods and first two pairs of peræopods.

Station 295, November 5, 1875; South Pacific; lat.  $38^{\circ} 7' S.$ , long.  $94^{\circ} 4' W.$ ; surface, night; surface temperature,  $58^{\circ} \cdot 5$ . One specimen, male.

Station 323, February 28, 1876; Atlantic, off Monte Video; lat.  $35^{\circ} 39' S.$ , long.  $50^{\circ} 47' W.$ ; surface; surface temperature,  $73^{\circ} \cdot 5$ . One specimen, young.

March 5, 1876; South Atlantic; lat.  $37^{\circ} 32' S.$ , long.  $42^{\circ} 0' W.$ ; surface; surface temperature,  $70^{\circ} \cdot 5$ . One specimen, male.

Station 335, March 16, 1876; South Atlantic, north of Tristan da Cunha; lat.  $32^{\circ} 24' S.$ , long.  $13^{\circ} 5' W.$ ; surface; surface temperature,  $73^{\circ} \cdot 5$ . One specimen, mounted.

Station 351, April 12, 1876; Atlantic, off coast of Africa; lat.  $9^{\circ} 9' N.$ , long.  $16^{\circ} 41' W.$ ; surface; surface temperature,  $81^{\circ} \cdot 8$ . One specimen, female (*Phronima pacifica*).

April 26, 1876; off St. Vincent, Cape Verde Islands; lat.  $16^{\circ} 49' N.$ , long.  $25^{\circ} 14' W.$ ; surface, night. (*Phronima megalodous*, see p. 1353.)

Station 354, May 6, 1876; North Atlantic; lat.  $32^{\circ} 41' N.$ , long.  $36^{\circ} 6' W.$ ; depth, 1675 fathoms; deep trawl; bottom temperature,  $37^{\circ} \cdot 8$ . One specimen, female, mounted in Canada balsam.

May 7, 1876; North Atlantic, south-west of the Azores; lat.  $34^{\circ} 22' N.$ , long.  $34^{\circ} 92' W.$ ; surface, night; surface temperature,  $67^{\circ} \cdot 5$ . A female, not full grown.

Other labels were given as follows, with the Stations indeterminate:—

“Atlantic, surface.” Seven specimens, all females, two large ones in their houses, one large one free, about an inch and one-fifth long, the other four smaller, but all of them over three-fifths of an inch.

“Surface, between Bermuda and Azores.” One specimen, female.

“Pacific, Api to Cape York, surface.” Two specimens, a male and female (see p. 1354, on *Phronima megalodous*).

“Phronimid, Pacific, Admiralty Islands to Japan.” One specimen, male. Length, less than a fifth of an inch; the flagellum of the upper antennæ with the first joint large,