

To this species also belong specimens from the following localities:—

“Phronimid, N. W. Pacific, ♂, ♀.” Two specimens mounted in Canada balsam during the voyage.

“Phronimid, ♂, N. W. Pacific;” a specimen in Canada balsam.

“Api to Cape York;” a specimen in Canada balsam.

Station 181, August 25, 1874; Api to Cape York; lat.  $13^{\circ} 50' S.$ , long.  $151^{\circ} 49' E.$ ; surface; surface temperature,  $80^{\circ}$ . This specimen is a young male, with the lower antennæ four-jointed, not so long as the head, the terminal joint the longest, but this and the two preceding short joints still in line with the first joint; the large terminal joint of the upper antennæ has filamentary cylinders only along the distal half.

Station 241, June 23, 1875; east of Japan; lat.  $35^{\circ} 41' N.$ , long.  $157^{\circ} 42' E.$ ; surface; surface temperature,  $69^{\circ} \cdot 2$ . Two specimens, female. The four pairs of marsupial plates are partially developed in the larger of these two specimens. It may be noticed that most of the specimens, whether mounted in Canada balsam or preserved in spirit, are yellow, but these two were lighter than the rest.

Station 243, June 26, 1875; North Pacific, east of Japan; lat.  $35^{\circ} 24' N.$ , long.  $166^{\circ} 35' E.$ ; surface; surface temperature,  $71^{\circ}$ . One specimen.

Station 245, June 30, 1875; between Japan and Honolulu; lat.  $36^{\circ} 23' N.$ , long.  $174^{\circ} 31' E.$ ; surface temperature,  $69^{\circ}$ . One specimen, male, with the head much deeper than the peræon, the fourth pair of branchial vesicles unequally developed, the vesicle on one side normal, that on the other very much smaller.

July 4, 1875; North Pacific, between Japan and Honolulu; lat.  $36^{\circ} 42' N.$ , long.  $179^{\circ} 50' W.$ ; surface, night; surface temperature,  $71^{\circ} \cdot 5$ . Three specimens. One of the specimens is an adult male; another a young male, as may be judged by the lower antennæ, which are straight, the terminal joint reaching a little beyond the head, a little shorter than the first free joint, which is very slightly curved; the third is probably a young female.

September 1, 1875; North Tropical Pacific; lat.  $7^{\circ} 17' N.$ , long.  $147^{\circ} 20' W.$ ; surface temperature,  $81^{\circ} \cdot 7$ . One specimen, male.

Station 352, April 13, 1876; Atlantic, off the west coast of Africa; lat.  $10^{\circ} 55' N.$ , long.  $17^{\circ} 46' W.$ ; surface; surface temperature,  $77^{\circ} \cdot 7$ . One specimen, male. This Atlantic specimen shows only the most trifling differences from the Pacific specimens. In the first gnathopods the wrist is a little less broad and has two spines instead of one at the outer apex; in the second gnathopods the wing-like plates, *dactyloptera* of Spence Bate, at the apex of the hand have the margin more conspicuously pectinate; the inner ramus of the first uropods has its inner margin more decidedly serrate near the apex.

May 7, 1876; Atlantic, south-west of the Azores; lat.  $34^{\circ} 22' N.$ , long.  $34^{\circ} 23' W.$ ; surface; surface temperature,  $67^{\circ} \cdot 8$ . One specimen, male, mounted in Canada balsam