

of longitude; from the locality of the large specimen A its place of capture was far more remote, the distance being about 6 degrees of latitude and 170 of longitude, yet between these two specimens, obtained at opposite sides of the globe, I could perceive no salient marks of difference, other than the following measurements:—

Length from the front of the head (as with the other specimens not including the antennæ) to the extremity of the uropods, two inches; antennæ just over six-tenths of an inch; first peræopods a little over six-tenths of an inch, second peræopods a little over an inch, third peræopods an inch and a half, fourth peræopods (fifth joint broken) about an inch and one-tenth, fifth peræopods seven-tenths of an inch; in the large third peræopods the first joint is half an inch long, the two following together three-tenths of an inch, the fourth eleven-thirtieths, and the slender fifth ten-thirtieths of an inch; the minute fingers have not been taken into account in the measurements either of this or the other specimens; the first uropods are almost four-tenths of an inch long to the extremity of the coalesced inner branch, the outer branch, which at least in its present condition is a little shorter than the inner, is just under one-tenth of an inch long; the second uropods, which reach just beyond the first, are three-tenths of an inch long, the outer branch as long as the inner, just over one-tenth of an inch long.

Locality.—Station 224, March 21, 1875; between the Admiralty Islands and Japan; lat. $7^{\circ} 45' N.$, long. $144^{\circ} 20' E.$; depth, 1850 fathoms; bottom, Globigerina ooze; bottom temperature, $35^{\circ} \cdot 4$; surface temperature, $81^{\circ} \cdot 2$. One specimen, male. Dredged.

Remark.—Whether the small branchial vesicles of the second gnathopods and first peræopods were present in this specimen, I could not determine without dissecting it.

Cystisoma. Specimen F.

Antennæ one inch and one tenth in length, the basal joint not longer than broad, its distal margins slightly convex, the terminal joint minute, acute, the second joint more than an inch long, with the usual slight serration, some slender setæ, which are most numerous near the base, the joint tapering for some distance from its base, but for much of its length narrow and of nearly uniform breadth; just before the narrow apex is reached it shows a slight tendency to thicken.

Mouth Organs, so far as could be seen without separating them from one another, in close agreement with those already described for the species *Cystisoma spinosum*.

First Gnathopods four-twentieths of an inch long; *Second Gnathopods* more than six-twentieths; *First Peræopods* fifteen-twentieths; *Second Peræopods* one inch and two-twentieths; *Third Peræopods* one inch and twelve-twentieths; *Fourth Peræopods* one inch and seven-twentieths; *Fifth Peræopods* a little over fourteen-twentieths of