

an inch; in the first pair the fourth joint is a little longer than the fifth, in the second and third they are as nearly as possible equal, in the fourth pair the fifth joint is perhaps slightly the longer; in the fifth pair the fifth joint is longer than the third, and the third than the fourth; branchial vesicles were observed only with the second, third, and fourth pairs, those of the second being decidedly the smallest, those of the fourth apparently the largest.

Uropods.—First pair a little under eight-twentieths of an inch long to the extremity of the coalesced inner branch, a little over eight-twentieths to the end of the outer branch, this branch being about half the length of the peduncle; the second pair about seven-twentieths of an inch to the end of the outer branch, which as in the first pair is a little longer than the inner.

Length.—The specimen was not in good order and the measurement was not taken before it was broken up; the full length was probably not much over two inches.

Locality.—Station 196, October 13, 1874; north of Amboina; lat. $0^{\circ} 48' 30''$ S., long. $126^{\circ} 58' 30''$ E.; depth, 825 fathoms; bottom, hard ground; bottom temperature, $36^{\circ} \cdot 9$; surface temperature, 83° . One specimen, male. Trawled.

Remarks.—If, in view of the great length of the upper antennæ, it be necessary to separate this specimen from the others, I should propose to name it *Cystisoma parkinsoni*, in honour of the artist, who, so far as is known, was the first to delineate any species of this genus. It will be observed that in the antennæ in question the basal joint is shorter than in other specimens where the total length of the antennæ is far less.

Cystisoma. Specimen G.

Head measuring seventeen-twentieths of an inch on the ventral surface from the front to the mouth organs; thirteen teeth on the lateral margin, two pairs of spines on the ventral surface.

Upper Antennæ eight-tenths of an inch long, the tip broken, but probably a very small piece missing.

Third Peræopods two inches and a half in length, the fifth joint decidedly longer than the fourth.

Fifth Peræopods just over an inch in length, the fifth joint cylindrical, packed with gland cells, the front margin denticulate and apically produced into a tooth or process, between which and the narrowed part of the joint where the finger hinges there is a concave palm; the much curved finger touches with its tip the middle of the palm. The two joints here described much resemble the corresponding joints