

the fourth three-quarters of an inch, the fifth just under two-fifths of an inch long. The relative proportions may be represented by the numbers 66, 74, 73, 90, 48. In the first pair the branchial vesicles and marsupial plates are larger than in the second gnathopods; in the second pair the branchial vesicles are larger, the marsupial plates smaller than in the preceding pair, the vesicles as long as the first joint of the limb, the plates longer; in the third pair the branchial vesicles are longer and the marsupial plates shorter than the first joint of the limb, the marsupial plates in all the pairs being fringed with setæ.

*Pleopods*.—Peduncles of the first pair as usual longer than those of the third pair; the inner ramus of the first pair with seventeen joints, outer with twenty-two; inner ramus of the third pair with nineteen joints, outer with twenty-three. First joint of the inner ramus of the first pair with nine feathered setæ below the cleft spine, of the third pair with seven such setæ; the first joint of the outer ramus in the third pair having fifteen plumose setæ along its outer margin.

*Uropods* scarcely differing from those of *Lanceola pacifica*.

*Telson* in general appearance like that of *Lanceola pacifica*, a very little longer than the peduncles of the third uropods, and having the lower part of the lateral margins and the apex not minutely pectinate as in the species just mentioned, but by comparison boldly serrate with teeth, of which some are bifid.

*Length*, about one inch, the antennæ not included.

*Locality*.—Station 334, March 14, 1876; lat. 35° 45' S., long. 18° 31' W.; 1915 fathoms. Trawled. One specimen, female.

*Remarks*.—Had no other species been described than *Lanceola pelagica*, Say, from the Gulf Stream, there could have been no difficulty in assigning that name to the present form, but the locality is more suggestive of *Lanceola felina*, Bovallius, from Tristan da Cunha; in that species, however, the telson appears to be shorter than the peduncles of the third uropods. From *Lanceola sayana*, Bovallius, an Atlantic species, as well as from the Pacific species, *Lanceola pacifica*, it is separated to all appearance only by minute differences.

*Lanceola* sp.

*Length* a little over half an inch.

*Locality*.—Station 297, November 11, 1875, South Pacific; lat. 37° 29' S., long. 83° 7' W.; depth, 1775 fathoms; bottom, Globigerina ooze; bottom temperature, 35°·5; surface temperature, 57°. Tow-net at trawl. One specimen.

*Remarks*.—This specimen was mounted in a cell on the voyage, apparently in