

where it was taken by this expedition as far east as Bernard harbour, Northwest Territories.

Strange to say, the large *Neomysis* > *Mysis rayi* (Murdoch)¹ was not obtained, though considerable collecting was undertaken near point Barrow, the type locality. Other than those mentioned above there are only two schizopods which have been reported from near the region covered by the expedition, but not taken by it: *Gnathophausia gigas* Willemoes-Suhm² and *Thysanoëssa spinifera* Holmes³, both from the southern Bering sea, off the coast of Alaska, latitudes 53° 56' 50" N. and 57° 40' N., respectively.

The former is a species ranging as far south as the Hawaiian islands in the Pacific and the Azores in the Atlantic, but in the Atlantic not known to occur north of the 50th parallel⁴; the latter is strictly a Pacific form, which ranges southward along the West American coast nearly to the southern end of California.⁵

Of course the commoner arctic forms, such as *Michtheimysis mixta* (Lillejborg)⁶ and *Thysanoëssa neglecta*⁴ and *longicaudata* (Krøyer)⁷ are to be expected in this region, as well as almost any of the thirty-odd species occurring in the Atlantic Arctic or subarctic ocean, a list too long to introduce here. Reference is suggested to: Zimmer, Fauna Arctien, III (Die arktischen Schizopoden), 1904, and Nordisches Plankton, VI (Schizopoden), 1909, in which all these species are illustrated and fully keyed out; and Hansen Danish Ingolf Expedition, III (Crustacea Malacostraca I), 1908, and Proc. U.S. Nat. Mus., 48 (The Crustacea Euphausiacea of the U.S. Nat. Mus.), 1915.

In the following list of the species, and the stations at which they were taken reference has been made, in the case of the Mysids, to a plate and description of the species, and in the case of the Euphausiids, to the latest review of the group. The drawings were made from balsam mounts by means of the Edinger drawing apparatus. All of the species, except one of *Mysis oculata*, so indicated, were collected by Mr. Frits Johansen, naturalist of the expedition.

MYSIDACEA

Mysis oculata (Fabr.)

G. O. Sars, Mon Norges Mysider, III, 69, pl. XXXI, 1879

Station 27 n: Collinson point, Alaska, September 20, 1913.

Pelagic, over about 1 foot of water; 8 inches ice.
4 juv. Taken in company with *Thysanoëssa raschii*.

Station 27 q: Collinson Point, Alaska, September 26, 1913.

Pelagic, over about 1 fathom of water.
1 juv.

Station 27 s: Collinson point, Alaska, October 3, 1913.

Depth about 3 fathoms; sandy mud with stones and algæ.
2 juv.

Station 27 y¹: Lagoon at Collinson point, Alaska, October 8, 1913.

Pelagic, over 2 feet of water.
2 (fragmentary, sex ?) and 6 juv. Taken in company with *Thysanoëssa raschii*.

¹ Murdoch, Proc. U. S. Nat. Mus., 7, 519, 1884.

² Ortmann, Proc. U. S. Nat. Mus., 31, 38, 1906.

³ Hansen, Proc. U. S. Nat. Mus., 48, 90, 1915.

⁴ Zimmer, Nordisches Plankton, VI, 33, 1909.

⁵ Zimmer, Nordisches Plankton, VI, 163, 1909.

⁶ Zimmer, Nordisches Plankton, VI, 20, 1909.

⁷ Hansen, Proc. U. S. Nat. Mus., 48, 97-100, 1915.