

***Polyphemus pediculus* (Linnaeus).**

Many specimens of this species were found in a plankton catch taken in tundra ponds (see fig. 4) on a ridge southwest of Bernard harbour, Northwest Territories, on July 3, 1916. Temperature of water 55° F., air 50° at 3.30 p.m. According to the field notes and sketches of Mr. F. Johansen, the living animals were conspicuously coloured, which is frequently true of this cladoceran. Various sizes, some females carrying a number of eggs in the brood chamber, from which the young ones emerged the next day (July 4). This form is widely distributed in the northern portions of Europe, Asia, and North America.

MARINE CLADOCERA.***Podon leuckarti* G. O. Sars.**

This form was found in surface catches obtained with a tow net at Station 20a, Grantley harbour, Alaska, July 30, 1913; Station 20h, Port Clarence bay, and at Station 21 a, b, c, 68° 30' N. and 166° 32' W.

This species of *Podon* has been reported from the west coast of Norway, from the Skagerrack, the Kattegat, and the North sea.

***Evadne nordmanni* S. Lovén.**

This marine cladoceran was obtained in surface tow net catches from Station 20a, Grantley harbour, Alaska; from Station 20h, Port Clarence bay, and from Station 21 a, b, c, 68° 30' N. and 166° 32' W. It was most abundant in the material from Station 20a. This is also a widely distributed form. In the north it has been found on the west coast of Norway, up to 72° N. latitude, in the North sea, on the west coast of Scotland, and along the coast of Nova Scotia. In the south it has been reported from the west coast of Africa.

LITERATURE.

- Apstein, C. 1901. Cladocera (Daphnidae). Nordisches Plankton.
 Birge, E. A. 1918. The water fleas (Cladocera). In Ward and Whipple's Freshwater Biology, pp. 676-740.
 Brehm, V. 1911. Die Entomostraken der Danmark-Expedition. Meddelelser om Grønland, Bd. 45, pp. 305-317, pls. 18 and 19.
 Cushman, J. A. 1908. Freshwater crustacea from Labrador and Newfoundland. Proc. U.S. Nat. Mus., Vol. XXXIII, pp. 705-713, pls. 58-62.
 Ekman, S. 1905. Cladoceren und Copepoden aus antarktischen und subantarktischen Binnengewässern. Wiss. Ergeb. der Schwed. Südpolar Exped., Bd. V, Lief. 4.
 Juday, C. and Muttkowski, R. A. 1915. Entomostraca from St. Paul island, Alaska. Bull. Wis. Nat. Hist. Soc., Vol. XIII, pp. 23-31.
 L'Herbier, W. 1900. Cladocera Succiae. pp. 701, pls. 87. Upsala.
 Sars, G. O. 1898. Cladocera, Copepoda, and Ostracoda of the Jana Expedition. Annuaire Mus. Zool. Acad. Imp. Sci., St. Petersburg, T. 2, pp. 324-359, pls. VI-XI.
 Sars, G. O. 1906. Crustacea of the "Neptune" Expedition. Natural history report, Department of Marine and Fisheries, Ottawa.
 Stephensen, K. 1913. Account of the crustacea and the Pyenogonida collected in 1911. Meddel. om Grønland, Vol. 51, pp. 55-77.
 Stephensen, K. 1913. Conspectus crustaceorum et pyenogonidorum Groenlandiae. Meddel. om Grønland, Vol. 22, pp. 386-99.
 Wesenberg-Lund, C. 1894. Grønlands Ferskvandsentomostraca. I. Phyllopoda, branchiopoda, et cladocera. Vid. Meddel. Naturhist. Foren. Kbhvn, pp. 82-173. See also Meddel. om Grønland, Vol. 19, 1895, pp. 135-39.
 Wesenberg-Lund, C. and Ostenfeld, C. H. 1906. A regular fortnightly exploration of the plankton of two Icelandic lakes, Thingvallavatn and Myvatn. Proc. Roy. Soc., Edinburgh, Vol. 25, Part II, pp. 1092-1167.
 Wright, R. R. 1907. The Plankton of eastern Nova Scotia waters. Sessional paper No. 22a, Tenth Parliament, Dominion of Canada, Vol. 41, pp. 1-15, pls. 7.