

closely with Sars's figure. As the male has not been described, I give here a description of the specimen taken on this expedition.

Head with rostrum long and spear-shaped; lateral lobes short, apically rounded. Eyes dark, not very prominent.

Antenna 1 reaching about middle of 5th joint of antenna 2; 1st joint of peduncle not very thick, flattened dorsally and armed below with one terminal spine and one near centre; 2nd joint thinner and a little shorter, 3rd joint a little thinner than 2nd and not quite half as long; flagellum about $\frac{2}{3}$ length of peduncle and composed of 7 joints. Antenna 2; 2nd joint reaching very little beyond lateral lobes of head; 3rd joint equal in length to 2nd; 4th joint thickened and equal in length to 5th joint plus flagellum; lower distal corner of 4th joint produced into a strong, forward-pointing tooth above which is a much shorter one; 5th joint slender and slightly curved, inner distal edge produced into a blunt rounded lobe; no tooth on under side of 5th joint; flagellum composed of 3 joints, the last very short, bearing 2 curved spines and several setæ.

Gnathopods, pereopods, uropods, and telson as in female.

Length.—4 mm.

Distribution.—North Atlantic, North sea, Skagerrak, and English channel, Norway, West France.

The present record marks a considerable western extension of the range of this species.

Family PODOCERIDÆ.

48. *Dulichia porrecta* (Bate).

1857. *Dyopodos porrectus* BATE, Ann. Nat. Hist., ser. 2, vol. 19, p. 151.

1906. *Dulichia porrecta* STEBBING, Tierreich, Amph. I, p. 712, and synonymy.

1913. *Dulichia porrecta* STEPHENSEN, Meddel. om Grønland, vol. XXII, p. 218.

Station 57a: Cape Smyth (point Barrow), Alaska, August 8, 1916, pelagic, over 1 fathom water; 1 specimen.

Distribution.—Arctic ocean, North Atlantic, North sea, West Greenland, Iceland, Lofoten island, South and West Norway, Danish waters, Shetlands.

SUB-ORDER CAPRELLIDEA.

Family CAPRELLIDÆ.

49. *Caprella drepanochir* Mayer.

1890. *Caprella drepanochir* MAYER, F. Fl. Neapel, vol. XVII, p. 81, pl. 7, f. 15, 33-34.

1903. *Caprella drepanochir* MAYER, Siboga-Exped., vol. XXXIV, p. 100, pl. 4, f. 11.

Station 20g: Port Clarence, Alaska, August 4, 1913, 2-3 fathoms, mud with many algæ; 7 specimens.

Station 20h: Port Clarence, Alaska, August 4, 1913, surface (attached to floating algæ); 20 specimens.

Distribution.—Collected between China and Mouth of Amur river, Vladivostok, Bering island, Chamisso harbour, and Eschscholtz bay, Alaska.

SUB-ORDER HYPERIIDÆ.

Family HYPERIIDÆ.

50. *Euthemisto libellula* (Mandt).

1822. *Gammarus libellula* MANDT, Obs. Hist. nat. et Anat. comp. in itinere groenlandico factae, p. 32.

1895. *Euthemisto libellula* SARS, Crust. Norway, vol. I, p. 13, pl. 6, f. 1.

Station 29f: Lat. 70° 13' N., long. 140° 50' W., April 4, 1914, water depth about 30 fathoms, from stomach of *Phoca hispida* Schreber; 8 specimens.