

Head; lateral lobes narrowly rounded. Eyes; pear-shaped, red. Antenna 1: 1st joint about twice as long as 2nd and 3rd combined, slightly produced at the upper, inside, anterior edge, and provided on the upper, inside, posterior end with a few plumose setae, flagellum in ♂, 24 to 30 joints, in ♀, 14 to 18 joints, accessory flagellum, 5-7 joints, of which the first joint is about as long as all the rest combined. Antenna 2 not much longer than 1, ultimate joint slightly shorter than penultimate, flagellum in ♂, 30 to 38 joints, in ♀, 18 to 23 joints.

Side-plate 1 expanded below, the lower anterior corner produced and broadly rounded, the lower edge nearly straight, a slight notch bearing a minute seta at lower posterior corner. Side-plates 2 and 3 with the sides nearly parallel, slightly wider below, the lower edge nearly straight. Side-plate 4 deeply and broadly emarginate behind, the lower part wide and the lower edge nearly straight.

Gnathopod 1, 6th joint about one-third longer than 5th with front edge slightly convex and back edge slightly concave, palm oblique and provided throughout its entire length with a single row of five, sharp teeth and several spines, dactyl curved, with a single small tooth or spine in the centre of the inside edge, back of this tooth a row of very fine serrations, 4th and 5th joints provided on their under surface with mats of fine setae. Gnathopod 2 as in *O. edwardsii* or *O. plautus*, except that 5th and 6th joints are much more setose.

The pereopods are rather short and stout. Third abdominal segment produced at the lower posterior corner into a small rounded lobe which varies much in size.

Telson a little longer than wide, sides convex, posterior border very slightly emarginate and bearing two minute setae.

The largest specimens measure about 19 mm.

4. *Onisimus brevicaudatus* Hansen.

1886. *Onisimus brevicaudatus* HANSEN, *Dijmphna-Togtets Ubd.*, p. 21b, pl. 21, f. 7-7e.
1906. *Onisimus brevicaudatus* STEBBING, *Tierreich, Amph. I*, p. 27, and synonymy.

Station 29f: Lat. 70° 13' N., long. 140° 50' W., April 4, 1914, from stomach of *Phoca hispida* Schreber. Water depth about 30 fathoms. 6 specimens.

The specimens which Hansen described came from the Kara sea.

5. *Onisimus plautus* (Krøyer).

1845. *Anonyx plautus* KRØYER, *Naturh. Tidsskr.*, ser. 2, vol. I, p. 629.
1906. *Onisimus plautus* STEBBING, *Tierreich, Amph. I*, p. 26, and synonymy.
1911. *Onisimus plautus* STAPPERS, *Crust. Malacost.*, *Campagne Arctique de 1907, du Duc d'Orleans*, p. 16.

Station 46c: Dolphin and Union strait, Northwest Territories (off Bernard harbour), pelagic, over 38 feet water; February 19, 1916; 3 specimens.

Distribution.—Arctic ocean, North Atlantic, and North sea, Skagerrak (Bohuslän).

6. *Orchomenella groenlandica* (Hansen).

1887. *Anonyx groenlandicus* HANSEN, *Vid. Meddel.*, ser. 4, vol. 9, p. 72, pl. 2, f. 5-5g.
1906. *Orchomenella groenlandica* STEBBING, *Tierreich, Amph. I*, p. 83, and synonymy.
1913. *Orchomenella groenlandica* STEPHENSEN, *Meddel. om Grønland*, vol. XXII, p. 123.

Station 41: Bernard harbour, Northwest Territories (outer harbour), July 20, 1915, 5 fathoms, sandy mud with algæ; 1 specimen.

Distribution.—Arctic ocean, East Greenland, Finland.