

Heterocope appendiculata (G.O. Sars 1863)

Family Temoridae, G.O. Sars

Genus *Heterocope*, Sars 1863

Key characteristics:

H. appendiculata is smaller and more slender than both *H. borealis* and *H. saliens*. Adult females of *H. appendiculata* are easily distinguished from these species because of the row of appendages in front of the genital orifice, which is only found in this species. Further the antennas reach beyond the tail in *H. appendiculata*, while it is shorter in both *H. borealis* and *H. saliens*. Its body is semipellucid and generally of a light greenish blue hue, while the anterior antenna and the urosome of the male are tinged with orange.

Female: Length 2.0-2.2 mm

Male: 1.8-2.0 mm

Distribution:

Though the plankton/littoral calanoid *H. appendiculata* is less common than *H. saliens*, it is found in 272 localities, or in more than 12 % of the water bodies sampled for zooplankton. The great majority of records are from the eastern parts of the country between 100 and 500 m a.s.l. It is never found above 1000 m a.s.l..

The possibility to find *H. appendiculata* is positively correlated to lake size.

It is rare when pH is below 5.5 and occurs most frequently when pH > 7.0. Moderate to high levels of electrolytes seems to favourite the species.

