

# *Heterocope saliens* (Lilljeborg 1863)

Family Temoridae, G.O. Sars

Genus *Heterocope*, Sars 1863

## Key characteristics:

*H. saliens* is larger and more robust than *H. appendiculata*, and slightly less robust compared with *H. borealis*. Adult females of *H. saliens* and *H. appendiculata* can easily be distinguished because of the row of appendages in front of the genital orifice in *H. appendiculata* which is not found in *H. saliens*. Further, the antennae differ in length in the two species, reaching somewhat beyond the second abdominal segment in *H. saliens* while they reach beyond the tail in *H. appendiculata*. Its body is generally of a beautiful ultramarine hue while antennae, oral parts and urosome often are tinged with a dark orange colour.

Female: Length 2.5-3.2 mm

Male: Length 2.2-2.8 mm

## Distribution:

*H. saliens* is the most common calanoid copepod (890 localities), and is found in water bodies of all sizes from sea level and up to the alpine zone (1444 m a.s.l.). It is distributed northwards to Andøya (Troms County), having a more scattered occurrence in the north and along the border to Sweden than elsewhere. It is acid tolerant and occurs in more than half of the water bodies when  $\text{pH} < 5.5$ . When  $\text{pH} > 7.5$  it is only found in about 5% of the localities. The possibility to find *H. saliens* decreases slightly when the level of electrolytes increases.

