## Thermocyclops oithonoides (G.O. Sars

1863) Family Cyclopidae, G.O. Sars Genus Thermocyclops, Kiefer 1927

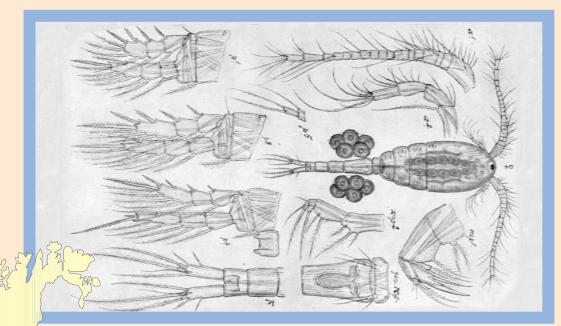
## **Key characteristics**

*T. oithonoides* is the smallest species among the planktonic copepods. It has a long and slender body form. Based on its habitués it is therefore relatively easy to distinguish this species from *M. leuckarti* and the two other species which belongs to the *Thermocyclops* genus. In addition, the short length of the outer seta attached to the furca, can be used as a criterion to define *T. oithonoides*. Its body is highly pellucid, with a faint yellow tinge.

Female: Length 0.8-1.0 mm Male: Length 0.7 mm

## **Distribution:**

T. oithonoides is mainly a plankton species which is found in 4.4 % (96 loc.) of the localities, and its occurrence is restricted to the lowland of south-east Norway. All records, except for three, are from water bodies situated below 300 m a.s.l. Though it is found in water bodies of all sizes the chance to find T. oithonoides increases when surface area increases. It has a relatively wide tolerance to pH (4.7-7.9) and electrolyte rich water seems to favourite the species which co-occur with *M. leuckarti* in 78% of the actual water bodies.



Elevation (m a.s.l.)

