

# *Daphnia longiremis* Sars 1861

Family Daphniidae

Genus *Daphnia* O.F. Müller 1785

## Key characteristics:

Seen from the side this hyaline species can be distinguished from other daphnids by the distinct, though not very deep incurvature which divides its head from the rest of the carapace. Like *D. longispina* its head doesn't develop any projections in front. On the contrary cyclomorphosis creates forms including an elongated rostrum (the width of its head is longer than the height). The second antennae are long compared to other daphniids, reaching to the end of the carapace. The bristle on the first joint of the second antennae is about half as long as the bristles fastened to respectively the second and third joint. This is a safe criterion which can be used to identify the hyaline species *D. longiremis* from all other daphniids.

Female: Length 0.5 -2.4 mm

Male: Length 1.2 mm

## Distribution:

*D. longiremis* is less common than other planktonic daphniids. Except for a few records it has a scattered distribution along the border to Sweden. Nearly all records are from below 700 m a.s.l. It is never found in ponds or ditches (<1 da) and the majority of records are from lakes having pH 6.0-6.5. It is found in electrolyte poor water as well as in electrolyte rich water.

