

Eurythemora velox (Lilljeborg 1853)

Family Temoridae, G.O. Sars

Genus *Eurythemora*, Giesbrecht 1881

Key characteristics:

This calanoid is characterized by its last pair of legs and the long furca. *E. velox* is distinguished from *E. lacustris* by the shape of the last thorax segment which in *E. velox* is greatly expanded backwards and posteriorly forms a broad extending lamellae, terminating in a number of somewhat outward-curving points. Its furca is slightly shorter than that of *E. lacustris*. The body of *E. velox* is more or less pellucid, and in some cases tinged with a yellowish brown colour.

Female: Length 1.3-2.2 mm

Male: Length 1.0-1.9 mm

Distribution:

There are eight records of this plankton/littoral calanoid species in Norway. Seven of these are from eutrophic localities (5 lakes and two river sites), all situated south of Oslo (<100 m a.s.l.). The last one is from a floodplain pond about 200 km north of Oslo, which is located 200 m a.s.l. pH in water bodies containing *E. velox* is close to neutral (6.5-7.5), while the contents of electrolytes are relatively high (5-19 mS/m).

