

# *Daphnia magna* Straus 1820

Family Daphniidae

Genus *Daphnia* O.F. Müller 1785

## Key characteristics:

Like *D. pulex* this large species also has a rather short and stocky body shape and with a short spine. In the middle of the dorsal rand there is a group of 20-25 long bristles. However, postabdomen in *D. magna* differs considerably from other daphniids whose hind edge is almost straight. In contrast, the postabdomen in *D. Magna* has two groups of about 10 coarse denticles, fastened to the hind edge where this constitutes an angle of about 45°. As in *D. pulex*, the abdominal claw in *D. magna* has a varying number of coarse denticles close to the basis. *D. magna* has the same reddish colour as *D. pulex*.

Female: Length 2.9 -6.0 mm

Male: Length 2.2-3.5 mm

## Distribution:

*D. magna* is only found in three shallow ponds, one in Oslo and two in the Lofoten Irelands (north Norway). The two ponds in Lofoten were strongly influenced both by birds and sea-salt. They all have a depth of less than 1 m and are situated below 100 m a.s.l. All three are characterized by being nutrient rich (10-42 mS/m) and with pH between 7.3 and 9.1.

