

# Macrothrix hirsuticornis Norman et Brady

1867

Family Macrothricidae Norman et Brady

Genus *Macrothrix*, Baird 1843

## Key characteristics:

The dorsal edge of this small animal forms a somewhat uneven smooth curve. It is more curved anteriorly to the relatively large compound eye than dorsally. Oscellus is placed near the tip of the rostrum, The first pair of antennae are robust, and anteriorly they have a needle attached close to their base. The two branches of the second pair of antennae are respectively three and four segmented, and much longer and thinner in other *Macrothrix*. It has a yellow-grey colour, sometimes with a greenish tinge,

Female: Length 0.5-2.0 mm

Male: Length 0.4-0.7 mm

## Distribution:

*M. hirsuticornis* is only found in four water bodies which are situated in northern Norway close to the Lofoten islands. G.O. Sars also found this species in the same area. All records are from the littoral of lakes (0.5-150 da) situated below 100 m a.s.l. pH is close to neutral, while conductivity is above 7.0 mS/m in the actual lakes. It may live close to the bottom sediment, in dense vegetation or in vegetation free areas. According to the Norwegian red list *M. hirsuticornis* is considered as near threatened (NT).

