

Bosmina coregoni Baird 1857

Family Bosminidae

Genus *Bosmina*, Baird 1845

Key characteristics:

Except for the shape of the carapace and different varieties of the rostrum, this species resemble *B. longispina*. A number of variants have been described which all may be different forms of *B. longispina*. The species lives epilimnetic in stratified lakes and the cyclomorphosis may be an adaption to avoid fish predation. Carapace and rostrum may vary noticeably in form, but the postabdomen, which can normally be used to identify species, morphologically looks similar to that of *B. longispina*. The abdominal claw has 6-7 teeth increasing in size towards the end. The species is more or less colourless.

Female: Length 0.5-1.5 mm

Male: Length 0.3-0.6 mm

Distribution:

B. coregoni is the less common of the three *Bosmina* sp in Norway, found in 55 water bodies. The species is always associated with nutrient rich lowland lakes with high densities of fish. All records are from water bodies situated below 300 m a.s.l., and it occurs mainly in nutrient rich lakes.

