

Anchistropus emarginatus Sars 1862

Family Chydoridae, Stebbing

Genus *Anchistropus* Sars 1862

Key characteristics:

This species resembles the species of the genus *Chydorus* in having an oval form. However, the dorsal part of the carapace has a characteristic form being especially strongly curved. Ventrally a conspicuous incision notch is seen in the carapace. The rostrum is long, thin and is pointed backwards. The first pair of legs wear strong claws. Its colour varies from strong yellow to brown.

Female: Length 0.4-0.5 mm

Male: Length 0.3-0.4 mm

Distribution:

A. emarginatus is a littoral species only recorded from 21 localities in Norway, mainly situated in the south-eastern parts of Norway. It is found between 25 and 817 m a.s.l. with the majority of records from below 300 m a.s.l. *A. emarginatus* is not found in lakes <1 da, as small tarns and ditches. It lives as a ectoparasite on *Hydra* sp, attached to its host with the help of its strong claws, the 1.th pair of legs. It is only found in samples from water vegetation, and all records of *A. emarginatus* are from lakes with pH between 6.0 and 7.4 and conductivity between 1.6 and 25.3 mS/m.

