

# Arctodiaptomus laticeps (Sars 1863)

Family Diaptomidae, G.O. Sars

Genus Arctodiaptomus, Kiefer 1932

## Key characteristics:

The lateral expansion of the last thorax segment is comparatively small and scarcely at all extant, and the species may therefore resemble *Eudiaptomus graciloides*. It is separated from that species by the length of the antennae which reach the base of the first abdominal segment in *A. laticeps*, while they reach far beyond the furca in *E. graciloides*. The genital segment is slightly expanded anteriorly. Its furca is more than twice as long as wide, comparatively longer than in its relative *A. bacillifer*. The colour of *A. laticeps* is generally bluish.

Female: Length 1.2-1.9 mm

Male: Length 1.1-1.4 mm

## Distribution:

*A. laticeps* is widely distributed in the central parts of Norway, and is not found in the two northernmost counties and in the south. It is found between 8 and 1545 m a.s.l. with its highest frequency above 300 m. a.s.l., where it mainly inhabits lakes with surface area > 1 da. *A. laticeps* is categorized as acid sensitive, and only three times recorded at pH < 6.0. It is found in electrolyte poor as well as in relatively electrolyte rich water.

