



Caption	Colony from net sample 0-30 m depth.
Operator	Bente Edvardsen
Objective	10x
Type/Technique	Light microscopy
Fixative	None (live cell)
Locality	Scoresby Sound, East Greenland

Dinobryon balticum

Kingdom	Chromista
Phylum	Ochromphyta
Class	Chrysophyceae
Genus	Dinobryon
Species	balticum

Description

Cells in goblet shaped lorica form branched colonies. Each cell have one chloroplast with an eyespot, and two flagella, one long anterior and one short. Species are characterized by the shape of the lorica and the resting spore (stomatocyst). Mixotrophic. May form blooms.

Morphometrics

Length of lorica 32-66 μm , width 3-5 μm

References

Throndsen J. Hasle G.R. and Tangen K. 2007. *Phytoplankton of Norwegian coastal waters*. Almaten Forlag AS. 341 pp

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