



Operator	Luka Supraha
Objective	10x
Type/Technique	Light microscopy
Fixative	None (live cell)
Locality	Culture, AeN707-29

Chaetoceros atlanticus

Kingdom	Chromista
Phylum	Bacillariophyta
Class	Mediophyceae
Order	Chaetocerotales
Family	Chaetocerotaceae
Genus	Chaetoceros
Species	atlanticus
Authority	P.T. Cleve, 1873

Description

Cells and setae have many small chloroplasts. The terminal setae (end setae) are different and shorter from the others in direction (form usually a V). Chains are straight and hexagonal windows are formed by the setae crossing outside of the chain edge. All valves have a central labiate process with a tube shaped and often long external part.

Morphometrics

Apical axis measure 10-40 um.

References

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

© All rights are reserved to the photographer and author.