



Operator	Luka Supraha
Objective	40x
Type/Technique	Light microscopy
Fixative	None (live cell)
Locality	Culture, HE492-16

Chaetoceros diadema

Kingdom	Chromista
Phylum	Bacillariophyta
Class	Mediophyceae
Order	Chaetocerotales
Family	Chaetocerotaceae
Genus	Chaetoceros
Species	diadema
Authority	(Ehrenberg) Gran, 1897

Description

Cells have two chloroplasts and thin setae without chloroplasts. The setae cross slightly outside the chain edge forming wide windows. Chains are not curved and have resting spores with branching spines on one valve.

Morphometrics

Apical axis measures 10-50 μm .

References

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

© All rights are reserved to the photographer and author.