



Caption	20x objective
Operator	Luka Supraha
Objective	10x
Type/Technique	Light microscopy
Fixative	None (live cell)
Locality	Culture, HE492-61

Chaetoceros debilis

Kingdom	Chromista
Phylum	Bacillariophyta
Class	Mediophyceae
Order	Chaetocerotales
Family	Chaetocerotaceae
Genus	Chaetoceros
Species	debilis
Authority	P.T. Cleve, 1894

Description

The cells contain one chloroplast and are organized into single chains forming spiral shaped colonies. The thin setae lacking chloroplasts are crossing slightly outside the chain edge creating rectangular windows. All setae are bent in one direction. Resting spores have one valve with two humps and setae continue into the parent cell setae.

Morphometrics

Apical axis measures 8-40 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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