



Caption

Fig. 2. LM of live chain of *N. pelagica* from Greenland.

Objective: x25

Operator

Bente Edvardsen

Objective

10x

Type/Technique

Light microscopy

Fixative

None (live cell)

Locality

Nordvestfjord, Greenland

Navicula pelagica

Kingdom	Chromista
Phylum	Bacillariophyta
Class	Bacillariophyceae
Order	Naviculales
Family	Naviculaceae
Genus	Navicula
Species	pelagica
Authority	Cleve

Description

Ribbon shaped chains of cells that are rotated about the chain axis in relation to its neighbouring cells as some cells are seen in broad and some in narrow side view. Valves are boat shaped to linear with central and simple raphe. Cells have two comma or pear shaped chloroplasts

Morphometrics

Apical axis 10-50 µm, transapical axis 6-7 µm, perivalvar axis 5-9 µm. 50-56 stria in 10 µm

References

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

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