



Caption	Cell of <i>Dinophysis norvegica</i> from net haul (0-50 m depth) at cruise AeN707 (Nansen Legacy project), station P5 on August 2019.
Operator	Bente Edvardsen
Objective	40x
Type/Technique	Light microscopy
Fixative	None (live cell)
Locality	North Barents Sea

Dinophysis norvegica

Kingdom	Chromista
Class	Dinophyceae
Genus	Dinophysis
Species	norvegica

Description

Cells are laterally flattened and have distinct walls (theca) with lists delimiting a subapical cingulum and wings delimiting the sulcus. The wings and lists are narrow and the left sulcus list is markedly larger than the right and have three supporting lists. Many distinct areola are distributed over the theca which is composed of two large plates in the hypotheca and two smaller sized plates in the epitheca. Cells are flattened with a regular convex dorsal outline and protuberances along the suture of the hypotheca plates may give a rugged outline especially of the antapical part. The cells are widest above the middle part of the cell body. Cells contain reddish-brown chloroplasts/symbionts.

Morphometrics

Cell length 50-80 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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