



Caption	Figure 1. LM of live cell.
Operator	Bente Edvardsen
Objective	40x
Type/Technique	Light microscopy
Fixative	None (live cell)
Locality	Nordvestfjord, Greenland

Octactis octonaria

Kingdom	Chromista
Phylum	Ochromophyta
Class	Dictyochophyceae
Genus	Octactis
Species	octonaria

Description

Cells have one main flagellum, many yellow-brown chloroplasts and a regular silica skeleton with 5-11 spines, predominant form has octagonal shape and 8 spines.

Morphometrics

Dimensions of skeletons are ca 27 µm without spines

References

Throndsen J, Heimdal BR, 1993. A guide to naked flagellates and coccolithophorids. In Marine phytoplankton. Ed. Tomas C. Academic Press. pp 263

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