

Octactis speculum

Kingdom	Chromista
Phylum	Ochromphyta
Class	Dictyochophyceae
Genus	Octactis
Species	speculum

Description

Cells have one main flagellum, many yellow-brown chloroplasts and a regular, usually hexagonal silica skeleton with spines. Naked stage in life cycle has one flagellum emerging from an apical depression and many yellow-brown chloroplasts. A naked ameboid stage lacking flagella may also be present

Morphometrics

Dimensions of skeletons are 19-34 μm , not including spines. Naked flagellated stage measure 10-20 μm , flagellum 20-30 μm . A second, usually not visible and very short flagellum is present

References

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