

Zooplankton

Derived from the greek words: zoo - "animal" + planktos - "wanderer"

These are living, heterotrophic organisms, meaning they get their energy from organic substances. They are often microscopic, but can also be larger such in the case of jellyfish. They cannot swim against a current.

Phylum Arthropoda



oocities.org

Daphnia, Order: Cladocera



www.cladocera.de

Sida, Order: Cladocera



jungleKey.fr

Leptodora, Order: Cladocera



cfb.unh.edu

Sub order: Calanoida



cfb.unh.edu

Eucyclops, Suborder: Cyclopoida



cfb.unh.edu

Suborder: Harpacticoida

Phylum Rotifera



study.blue.com

Collotheca, Order: Collotheceae



microscopies.com

Order: Flosculariacea



inaturalist.org

Order: Ploimida

Invasive

Fishhook Water Flea (top)



Spiny Water Flea (bottom)

Information from "A Guide to the Zooplankton of Lake Champlain".

Phytoplankton

Derived from the greek words: phyto - "plant" + planktos - "wanderer"

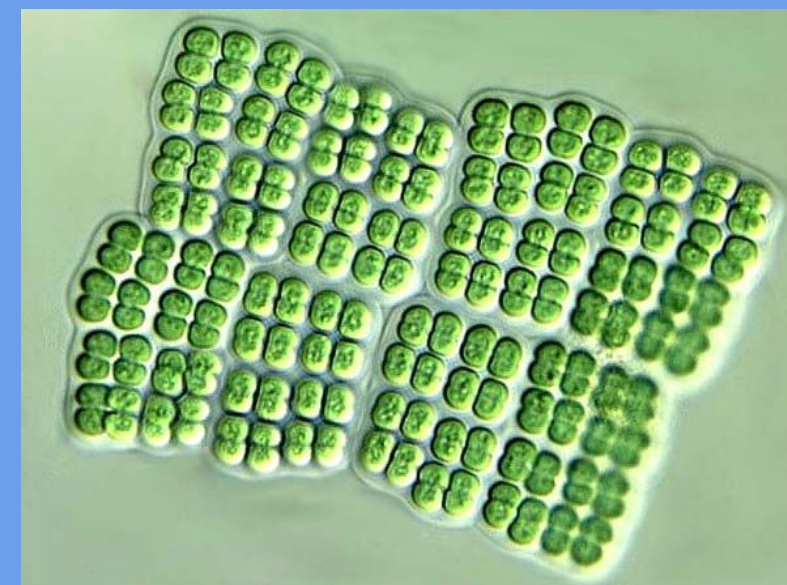
Small, living organisms that photosynthesize, meaning they get their energy from the sun. They cannot swim against a water current. These can be bacteria, but are most often single cell plant organisms.

Green Algae, Chlorophyta



landcareresearch.co.nz

Cyanobacteria, Myxophyceae



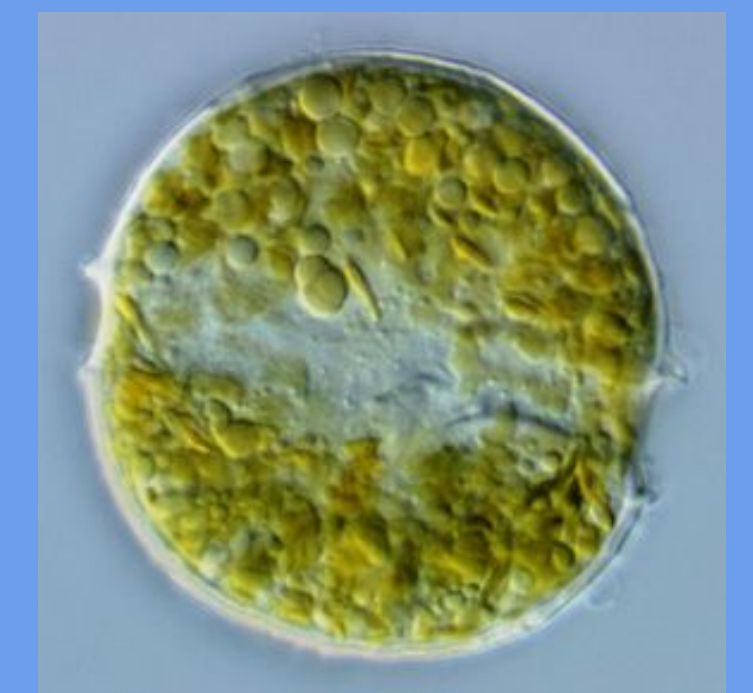
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Diatoms, Bacillariophyceae



protist.i.hosei.ac.jp

Dinoflagellates and Chrysophytes



concoll.edu

Pediastrum duplex

Merismopedia sp.

Aulacoseira sp.

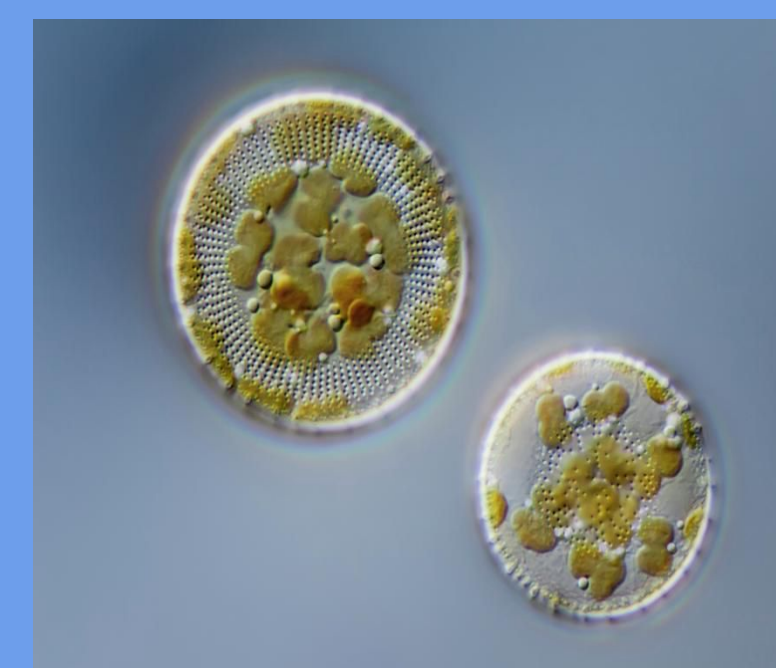
Peridinium sp.



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oceandatacenter.usc.edu



fineartamerica.com

Schroederia setigera

Anabaena circinalis

Stephanodiscus sp.



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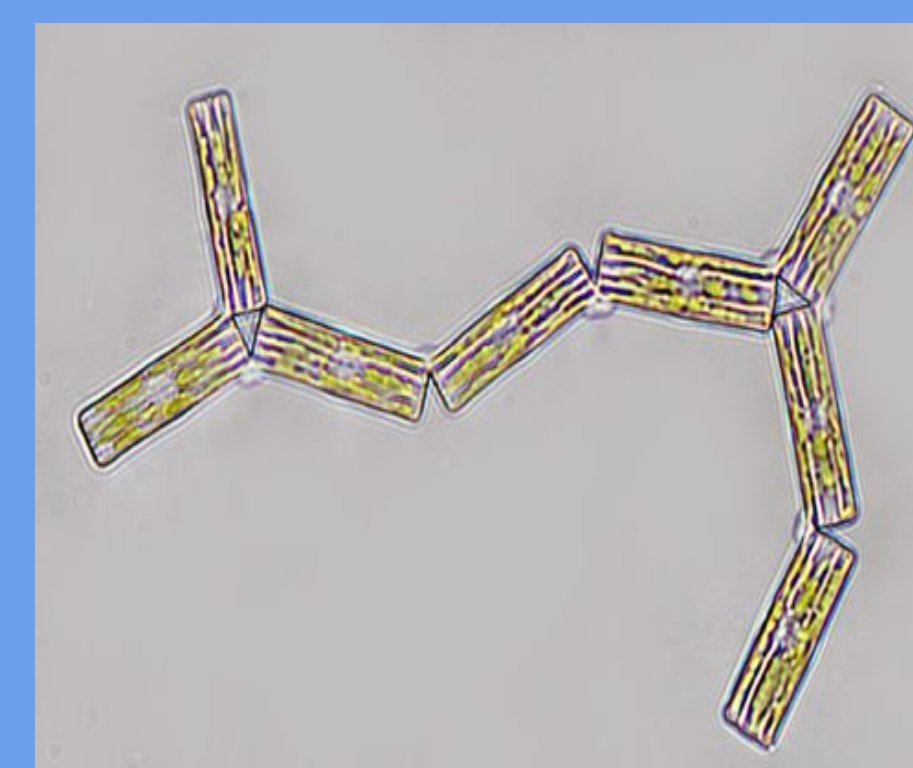
Dinobryon sertularia



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kinneret.ocean.org



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Gloeocystis gigas

Microcystis wesenbergii

Tabellaria sp.

Information from "A Pictorial Guide to Common Phytoplankton of Lake Champlain and the Lower Great Lakes"