

Zelené kokální řasy



Chlorococcales



Das Phytoplankton
des Süßwassers

Systematik und Biologie

Dr. phil. et med. G. Huber-Pestalozzi †
1988

7. Teil, 1. Hälfte

Chlorophyceas (Grünalgen)
Ordnung: Chlorococcales

Von

Dr. J. Komárek, Třeboh

und

Professor Dr. B. Fott, Praha †

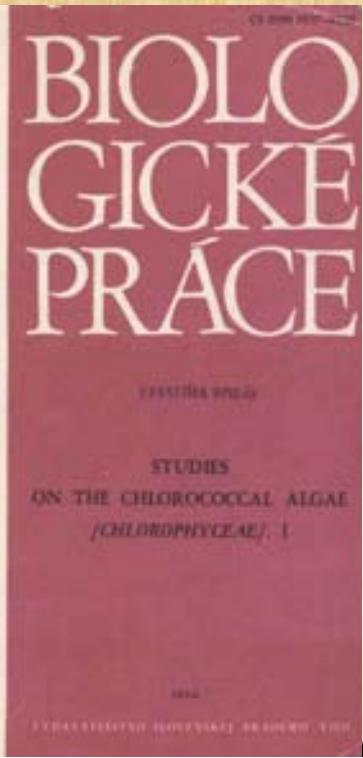
Mit 100 Abbildungen, 10 Abbildungen nach 11 Abbildungen im Text



Stuttgart 1983
E. Schweizerbart'sche Verlagsbuchhandlung
(Nägele u. Oehmiller)



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XXIII
1977



BIOLOGICKÉ PRÁCE

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XXXIV

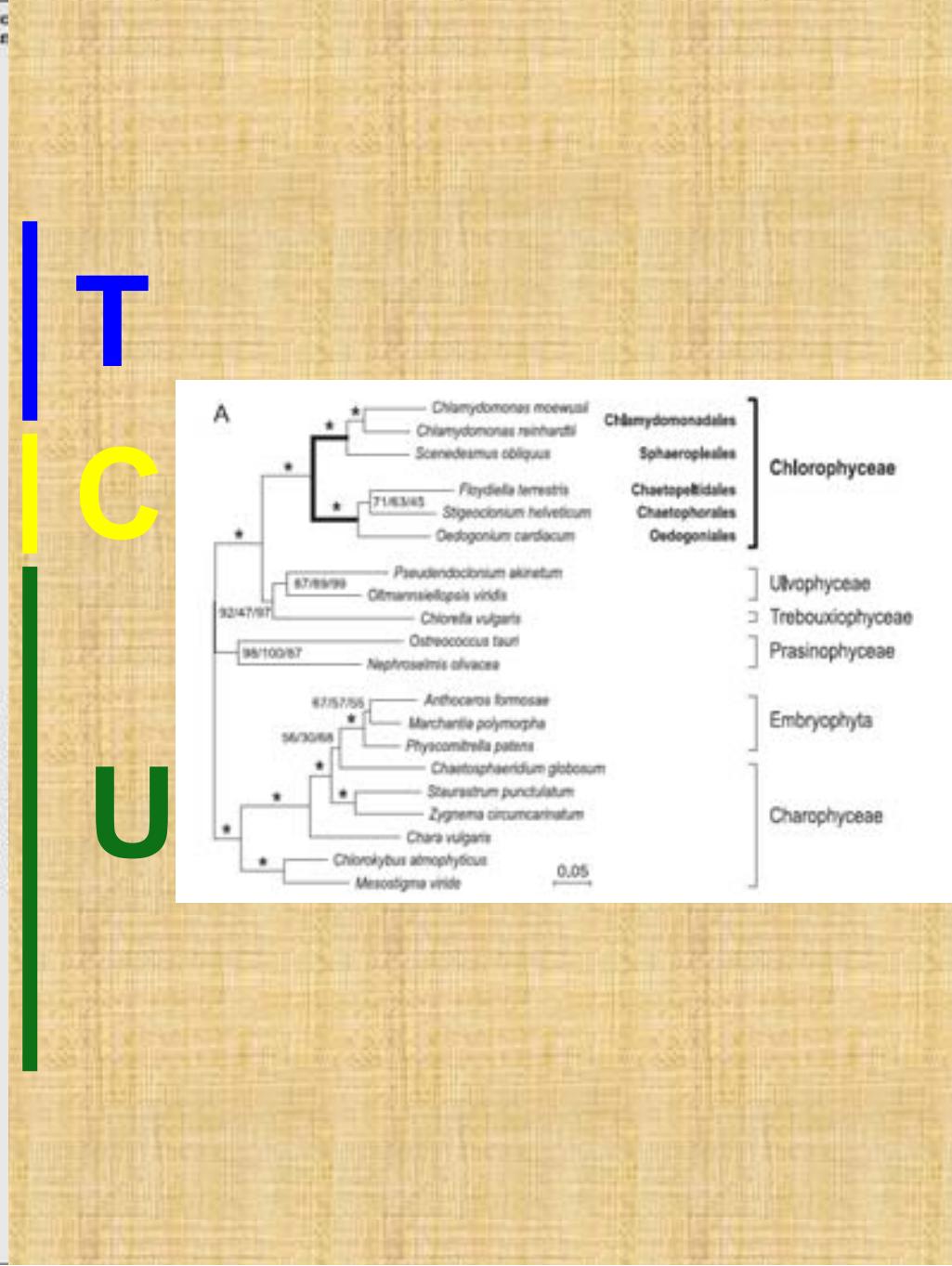
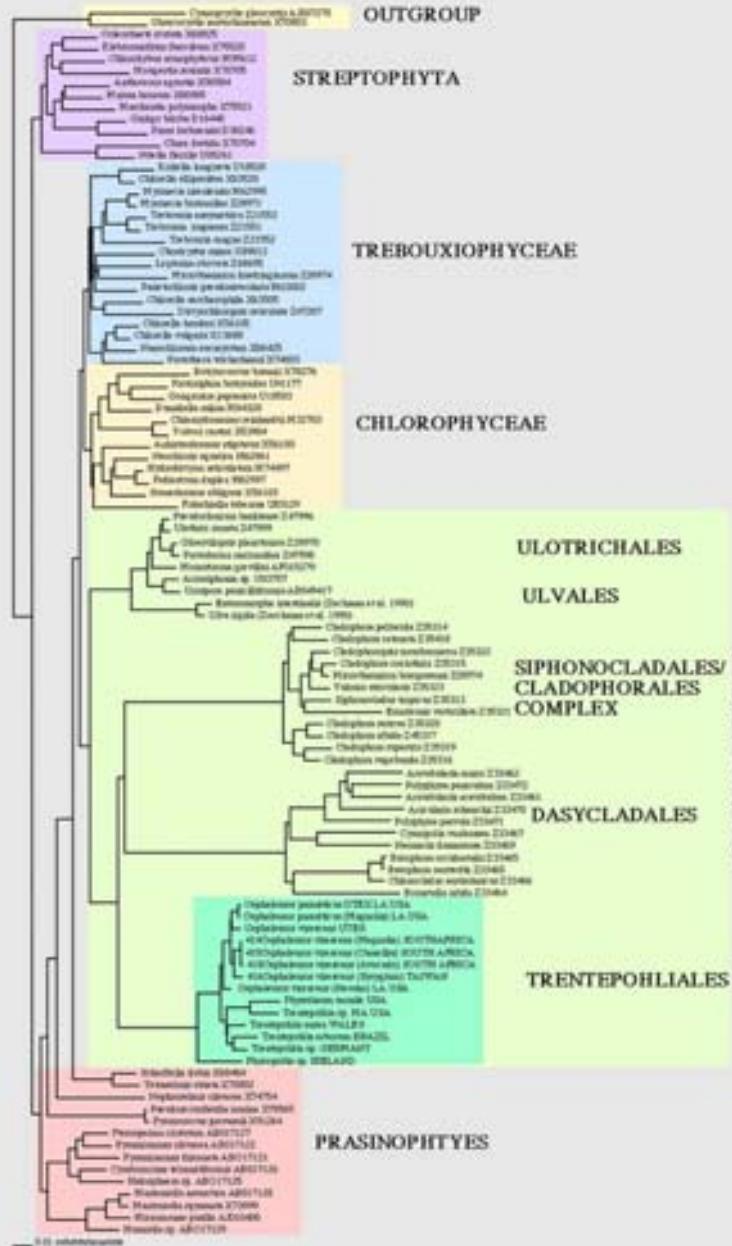
88 1-2

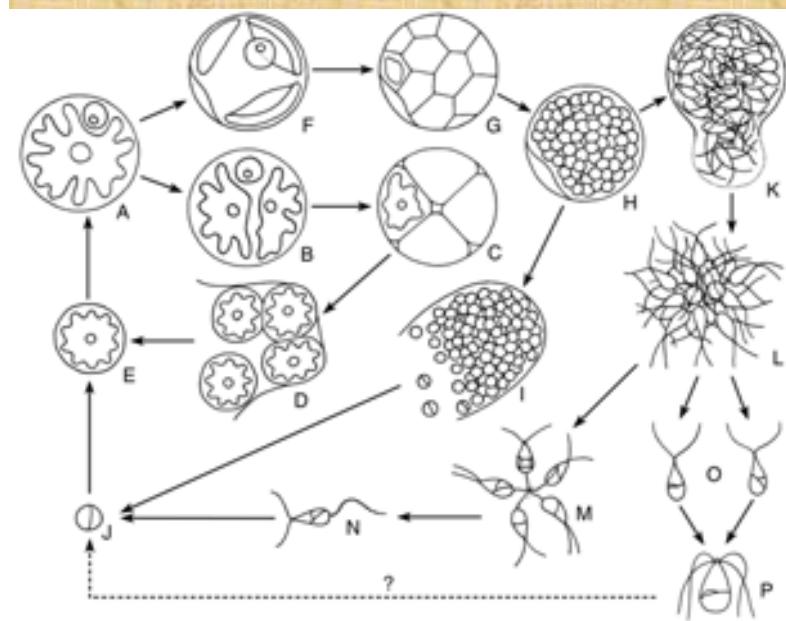
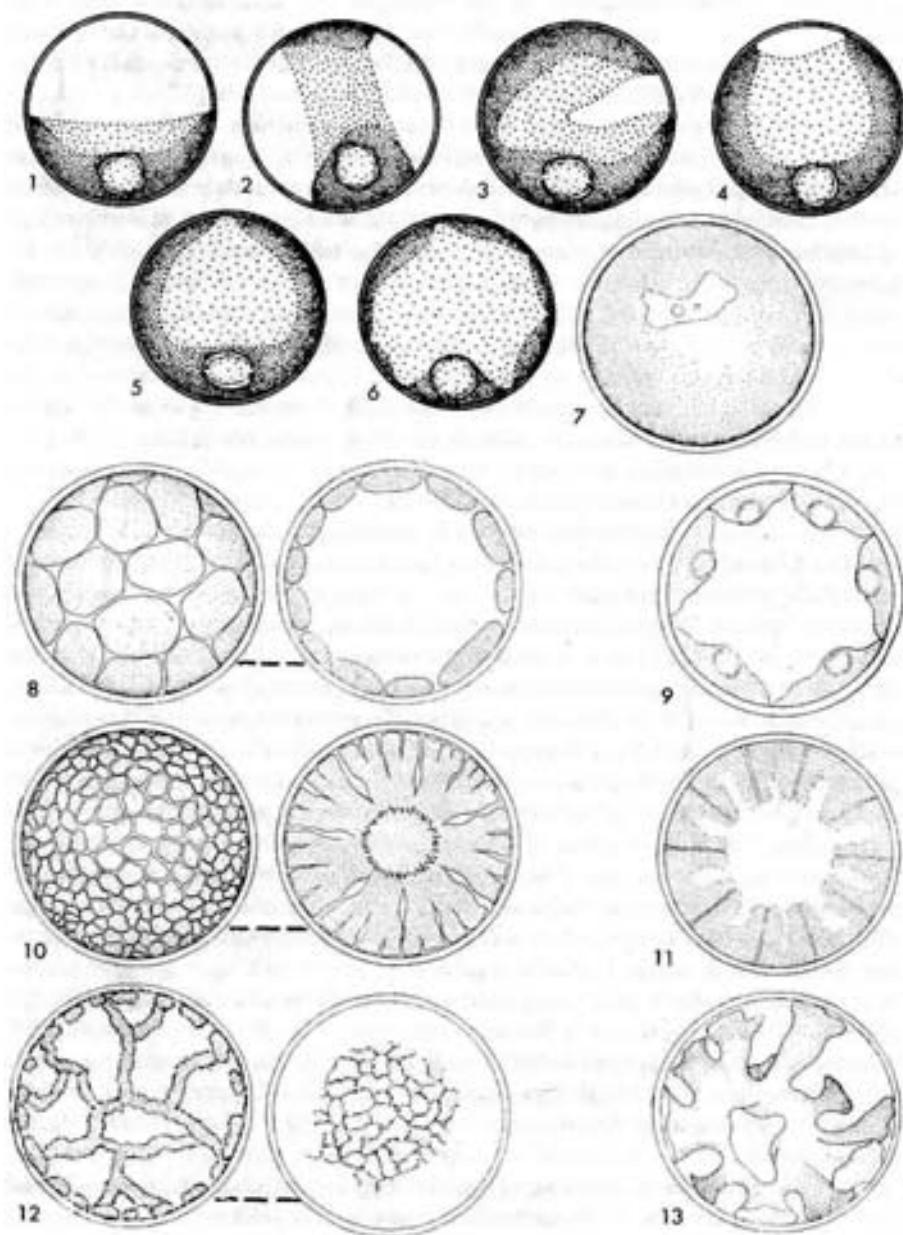
František Hindák

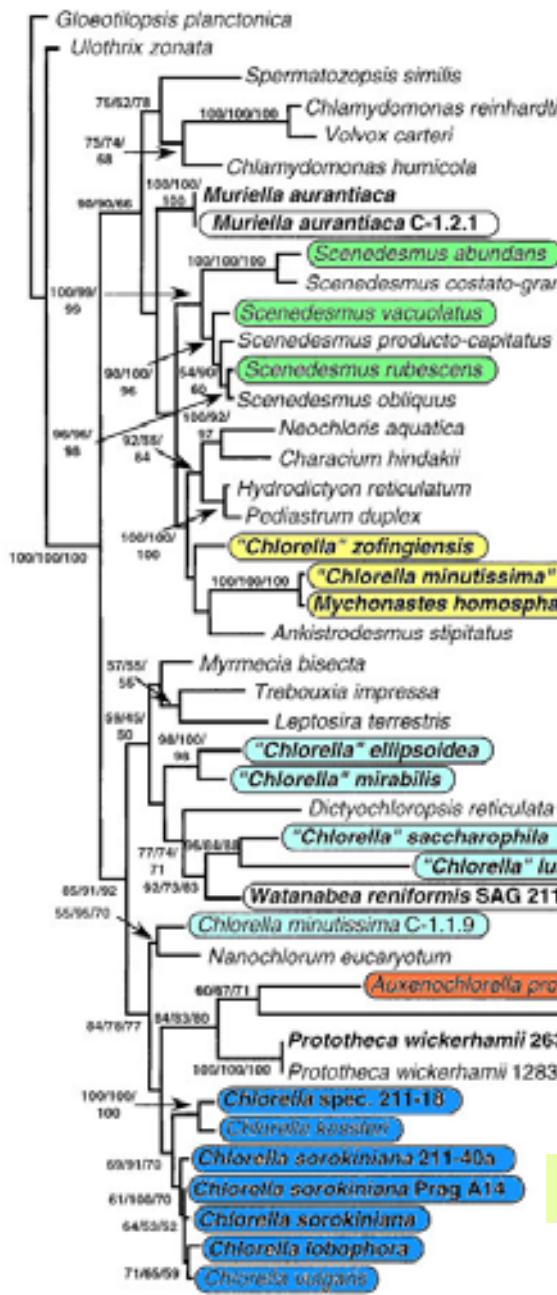
Studies
on the Chlorococcal Algae
(Chlorophyceae). IV



Figure 22. Maximum likelihood tree, estimated from Kimura two-parameter model of sequence parameters. -lnL = 22774.1914. A total of 102 taxa with 1720 positions are represented in numbers are given after the scientific name.







Desmodesmus,
Scenedesmus

Mychonastes

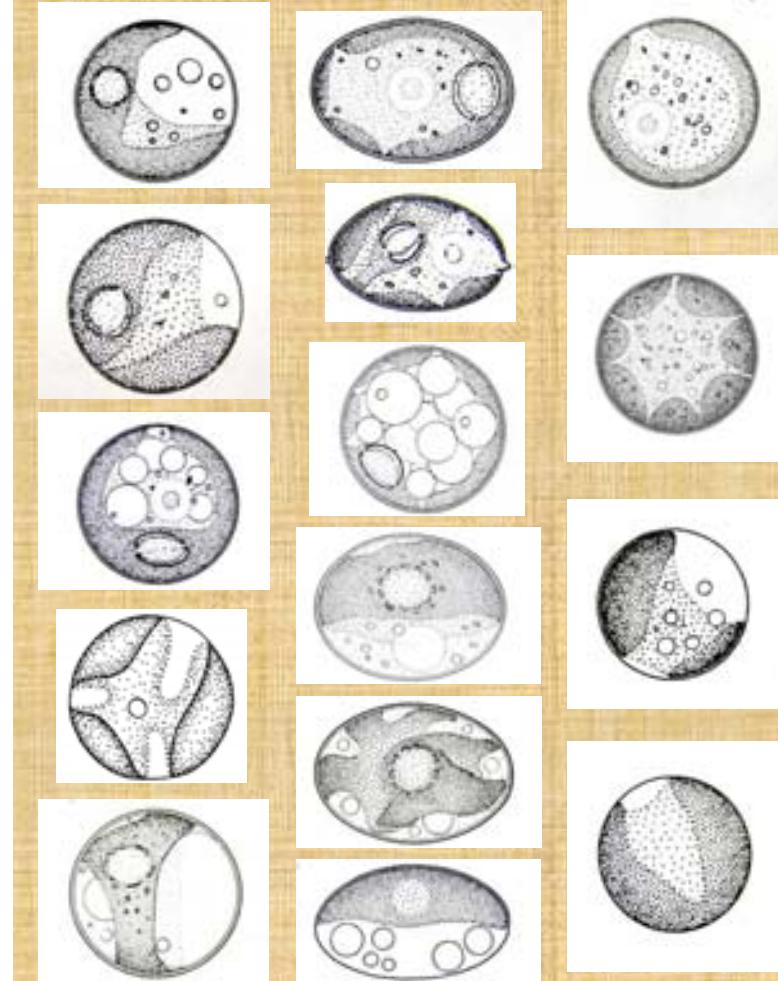
„*Chlorella*“

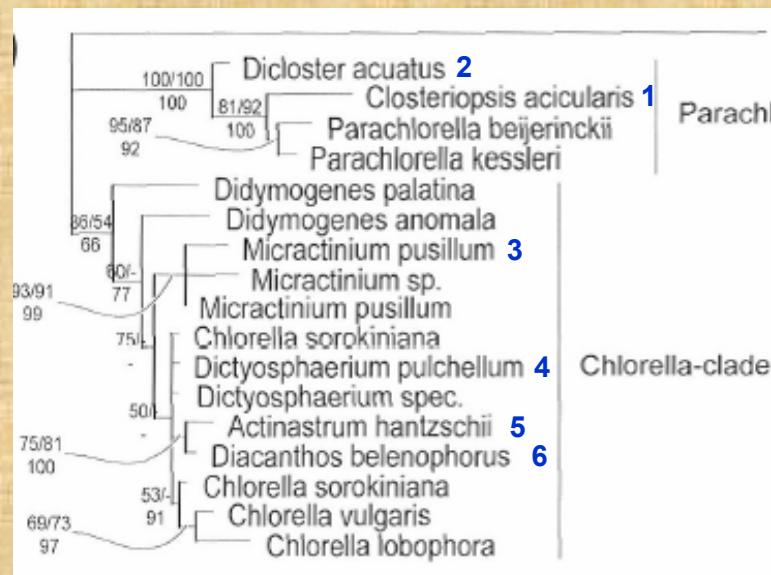
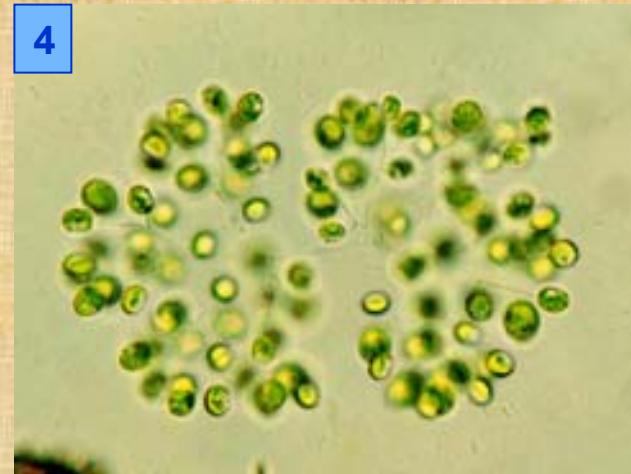
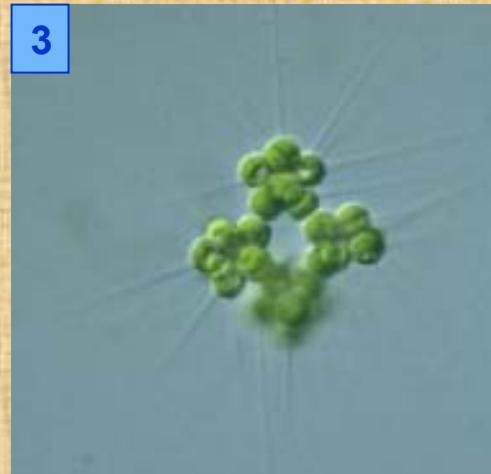
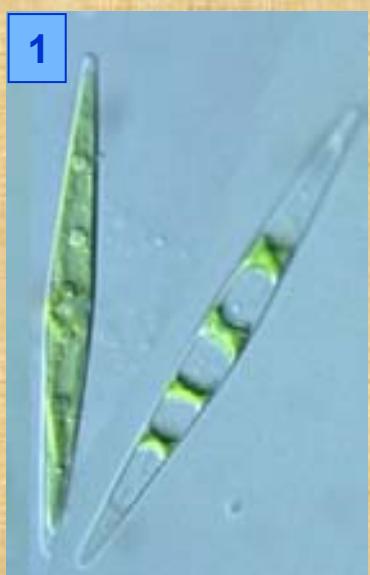
Auxenochlorella

pravá *Chlorella*

Chlorophyceae

Trebouxiophyceae



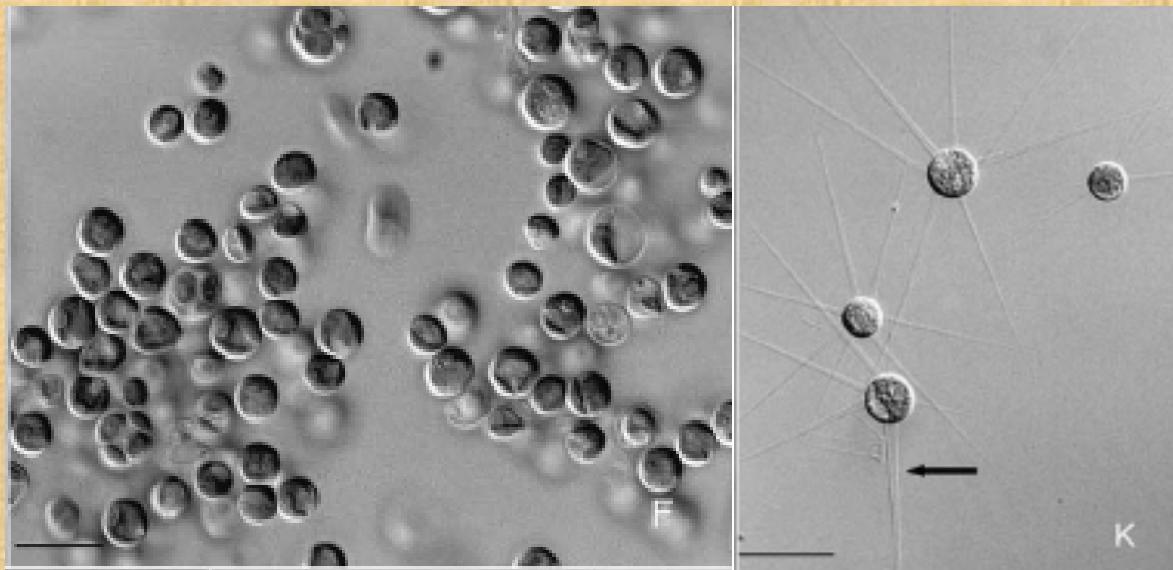


"Chlorella" ellipsoidea

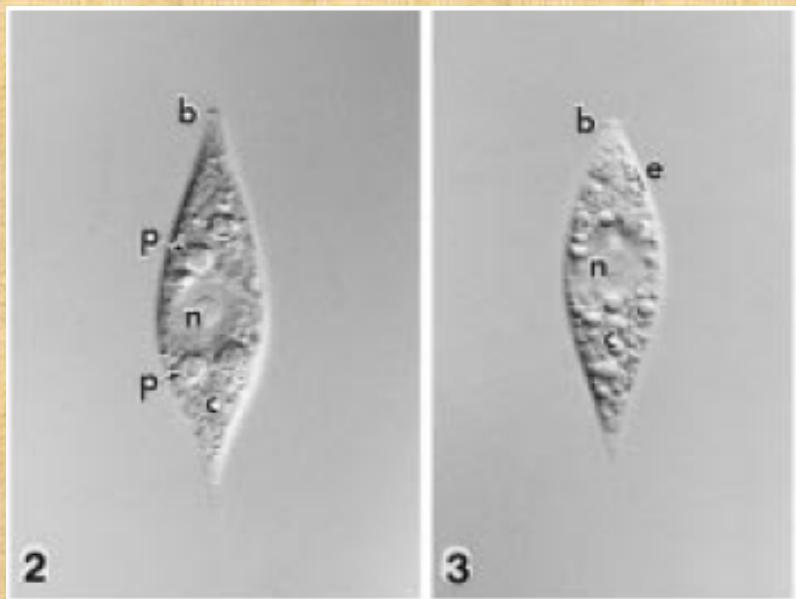
Parachlorella-clade

Chlorella-clade



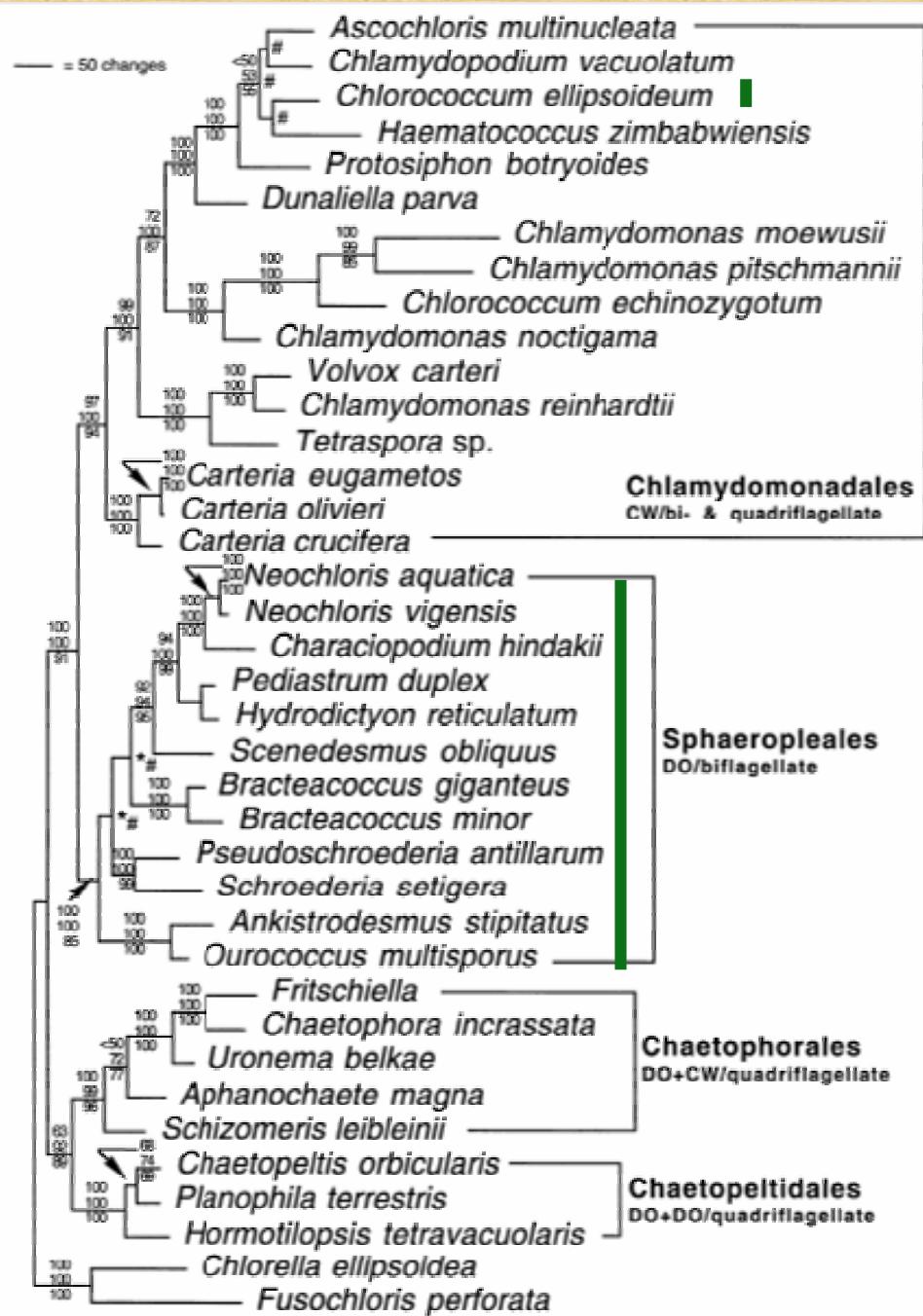
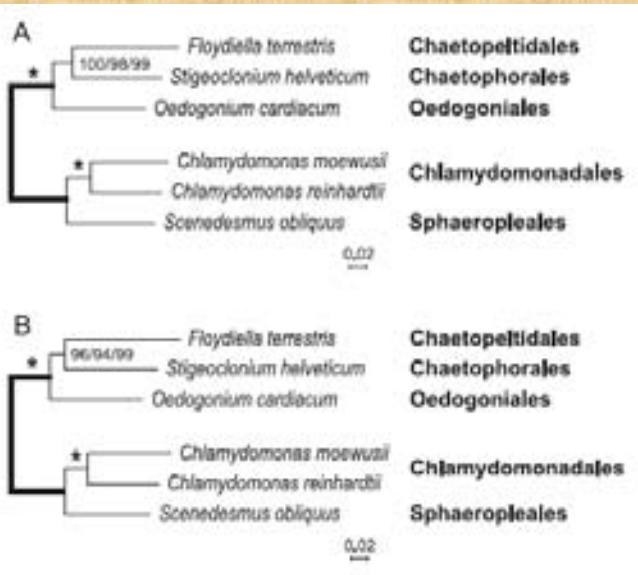


Micractinium:
Produkce ostnů
způsobena predačním
tlakem vířníka *Brachionus*
calyciflorus

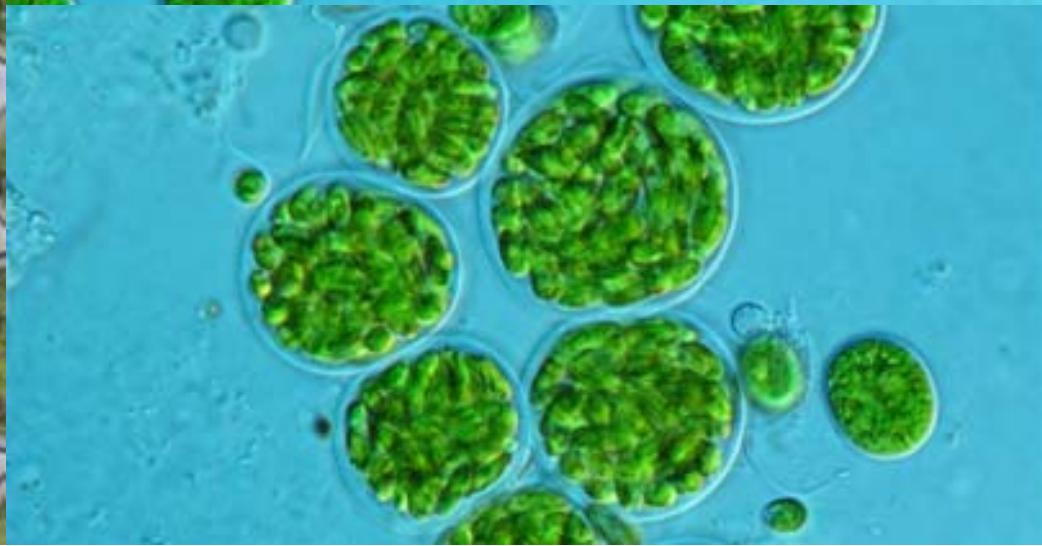
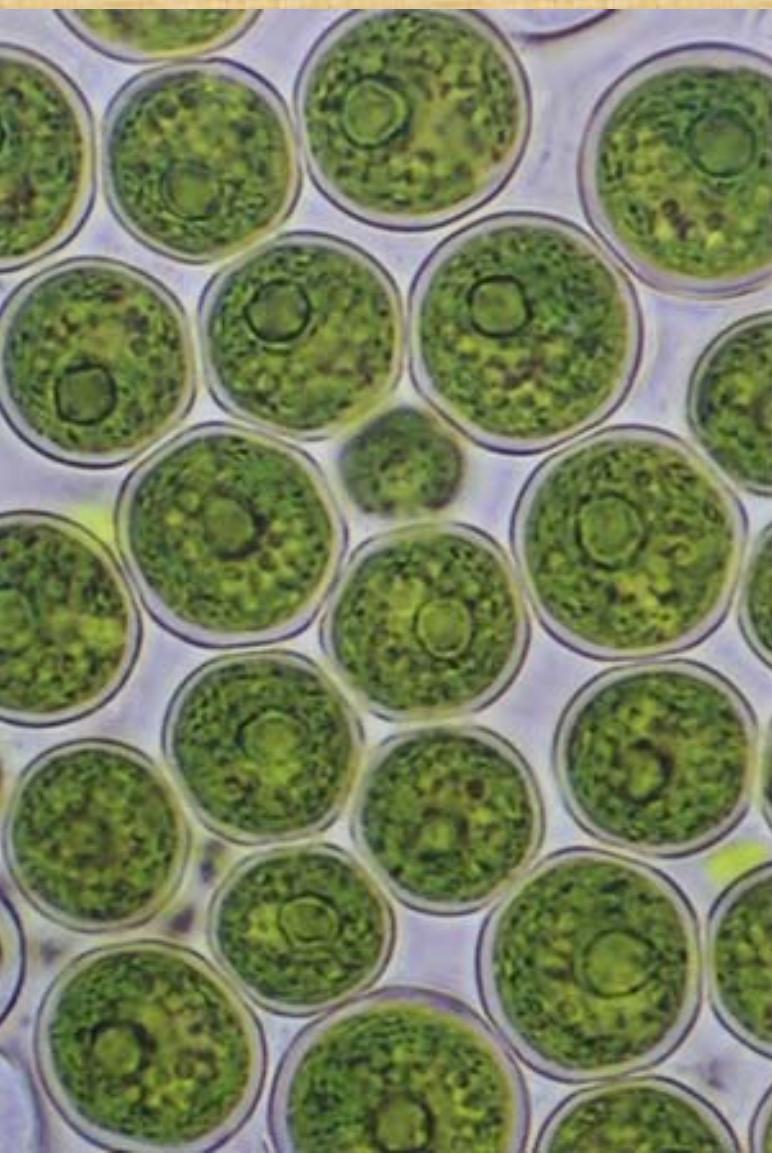


Chlorogonium:
Přítomnost pyrenoidu v chloroplastu
ovlivněna způsobem výživy/kultivace
(fotoautotrofní vs. fotoheterotrofní)

Chlorophyceae



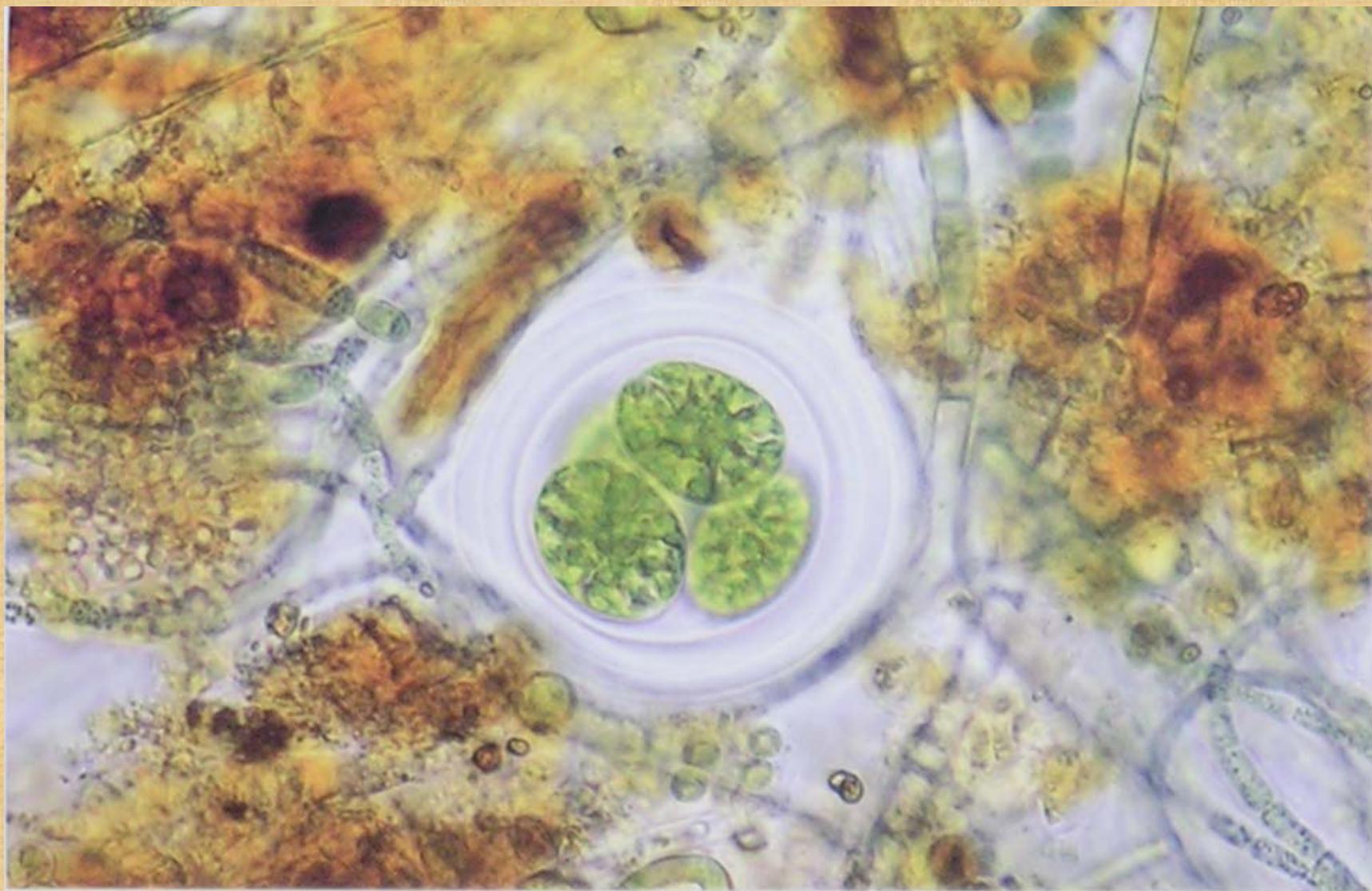
Chlorococcum



Neochloris



*Astero*coccus



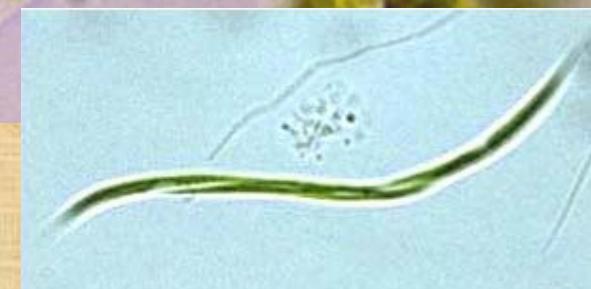
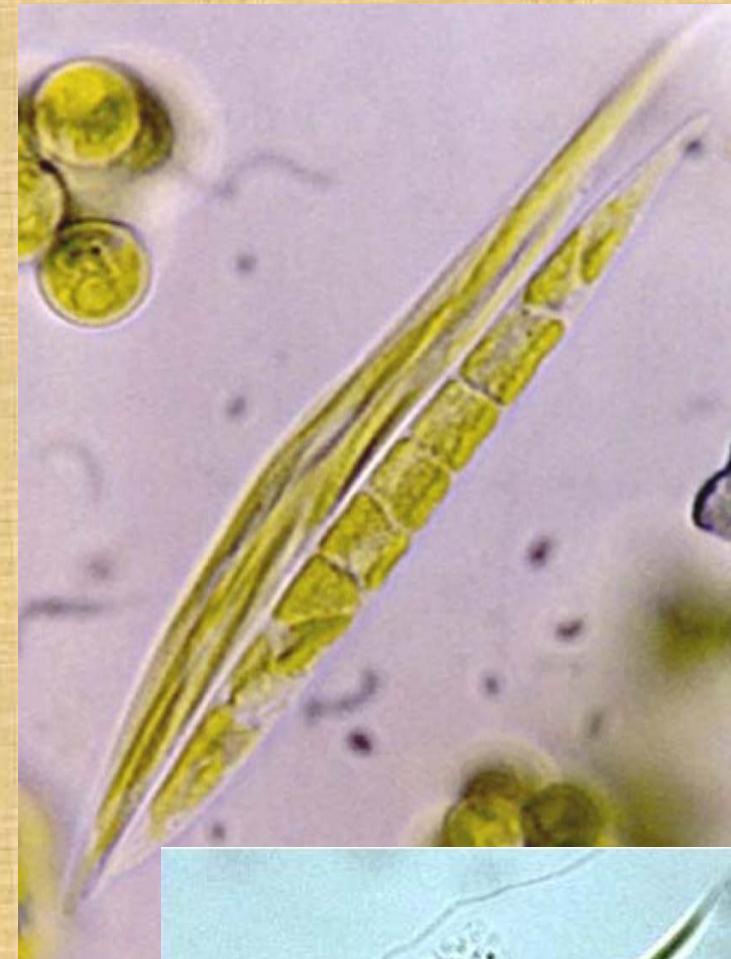
Ankistrodesmus



Quadrigula



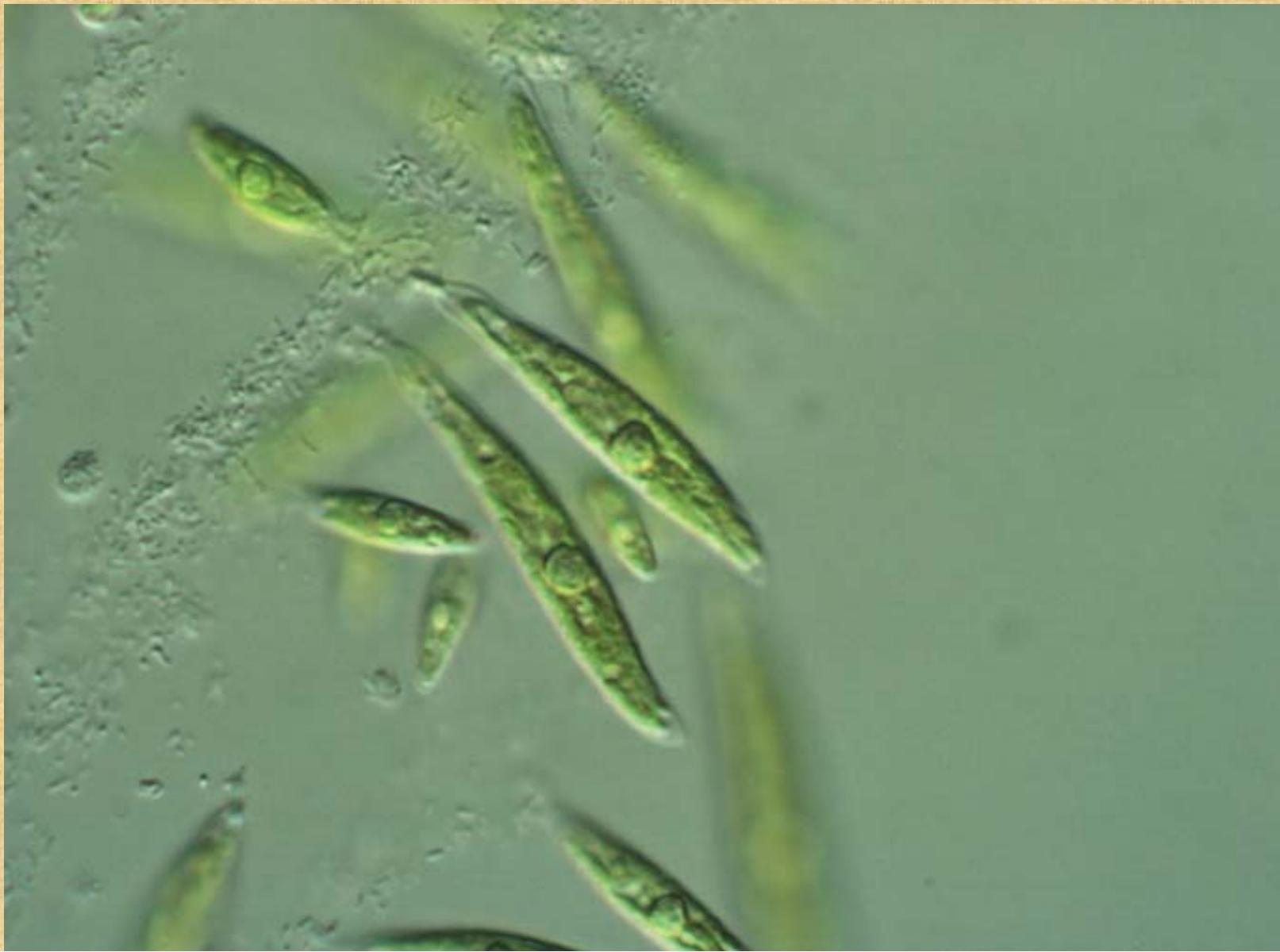
Monoraphidium



Kirchneriella



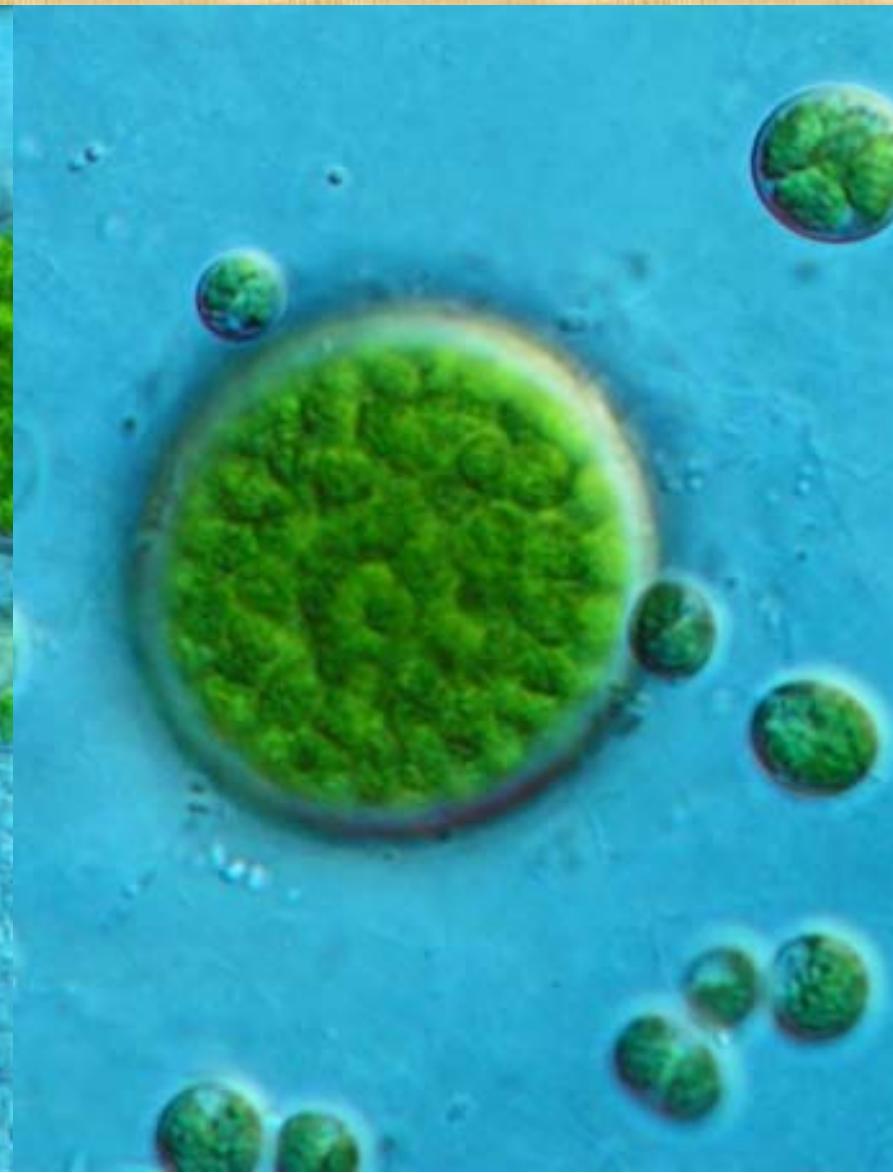
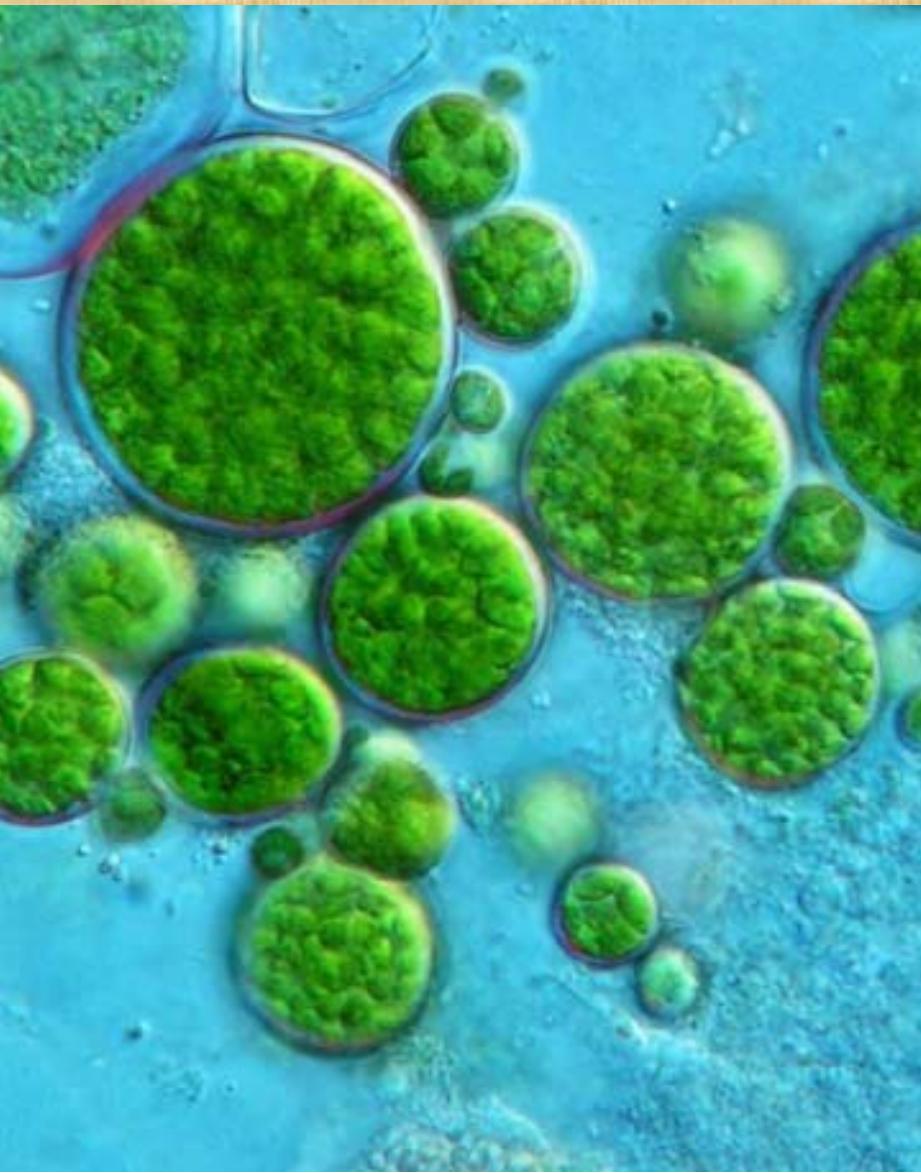
Characium



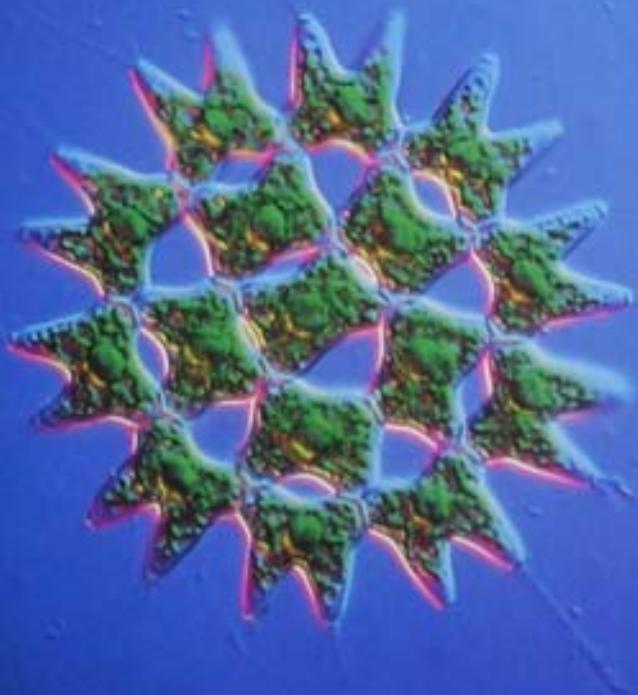
Ankyra



Bracteacoccus



Pediastrum



Pediastrum

Pseudopediastrum



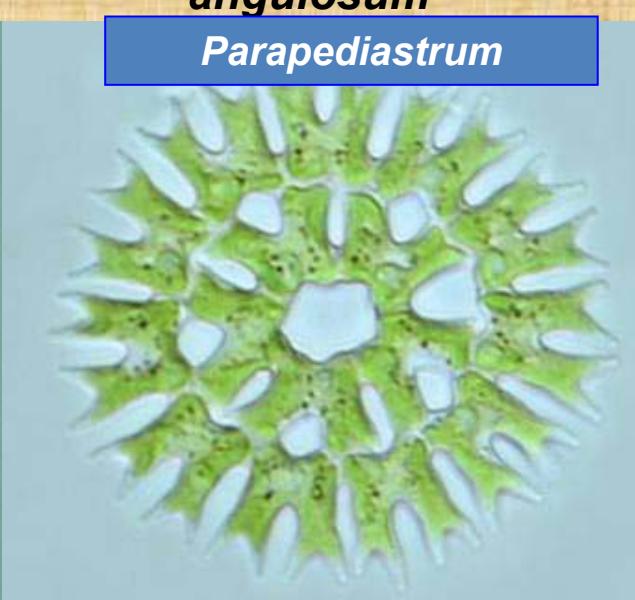
duplex
Monactinus



angulosum
Parapediastrum



boryanum
Stauridium



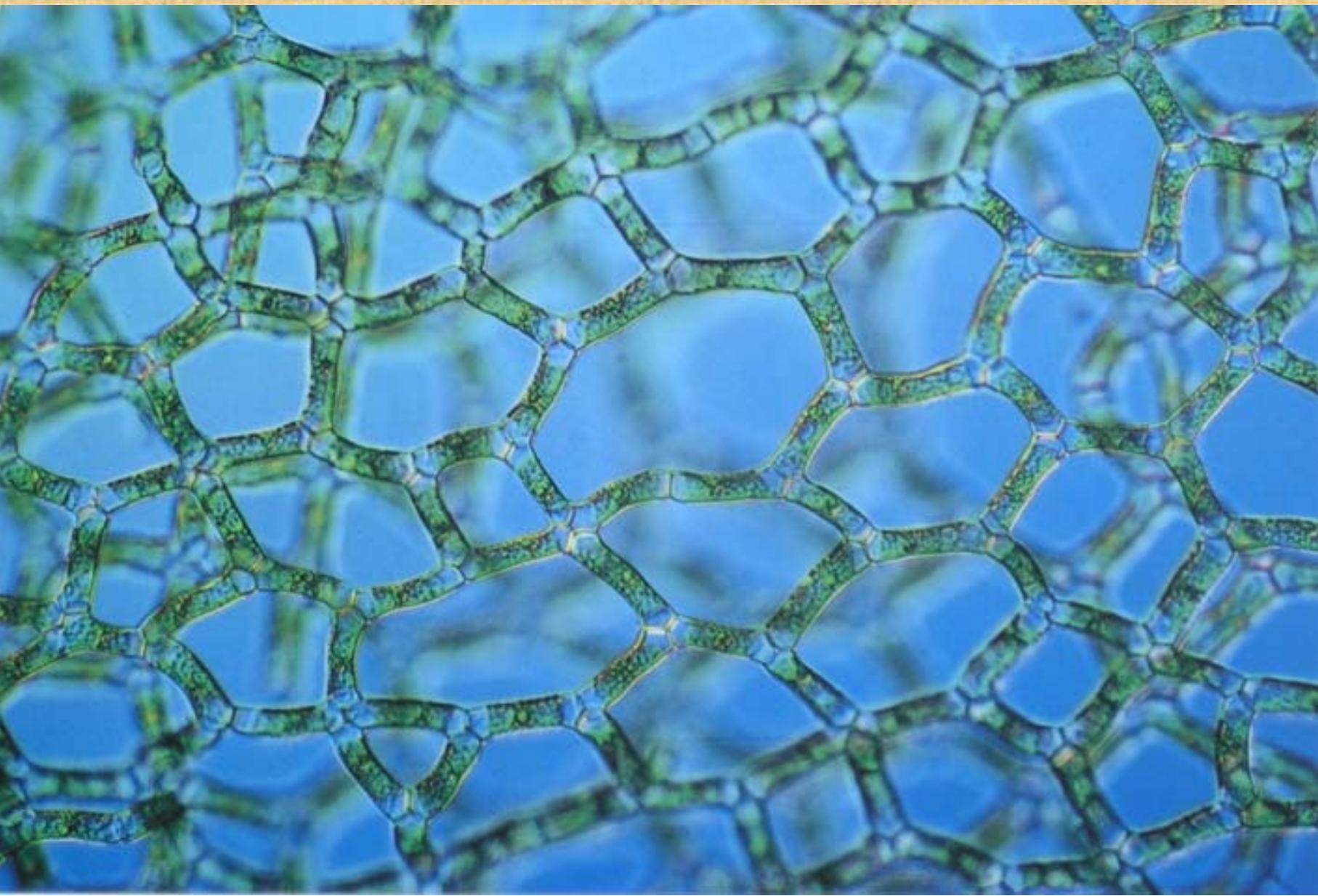
simplex



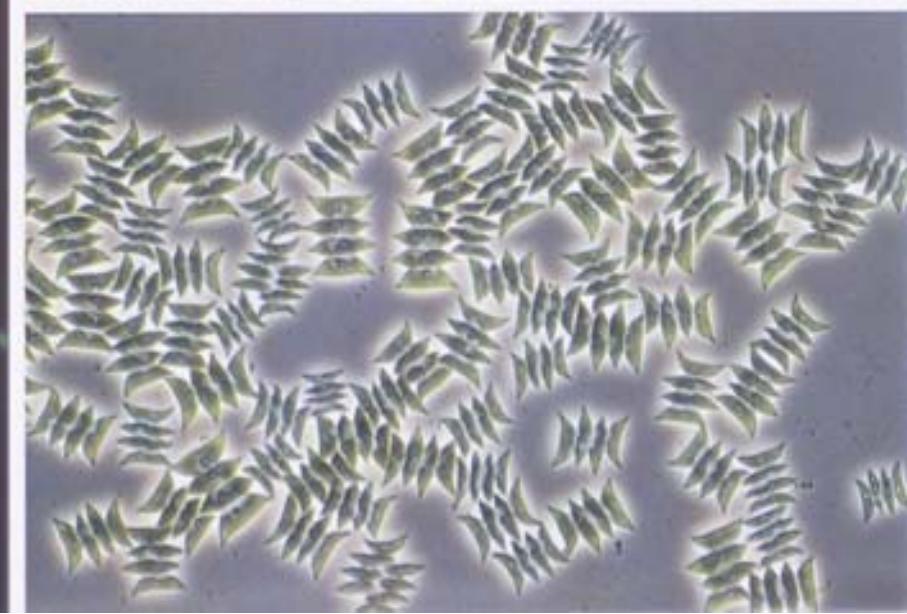
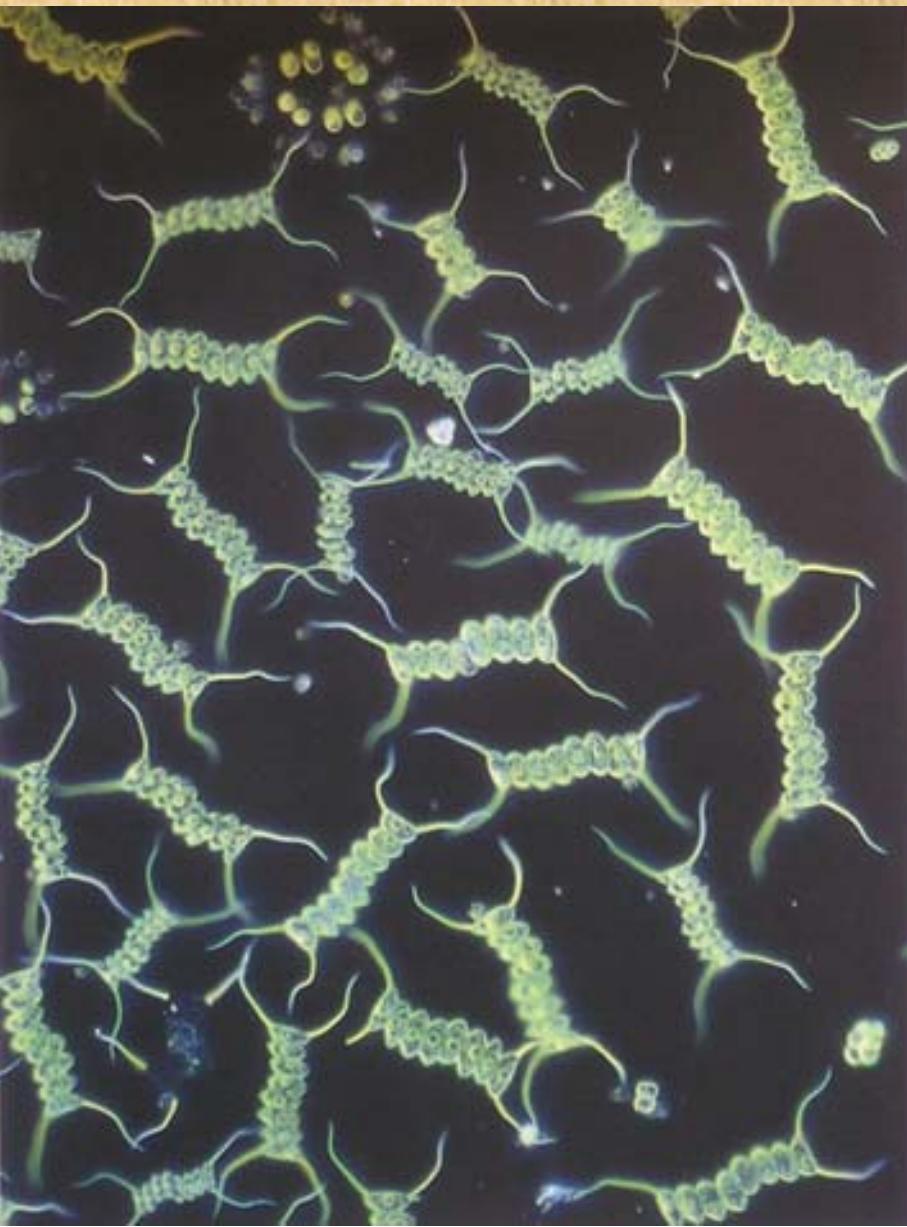
biradiatum

tetras

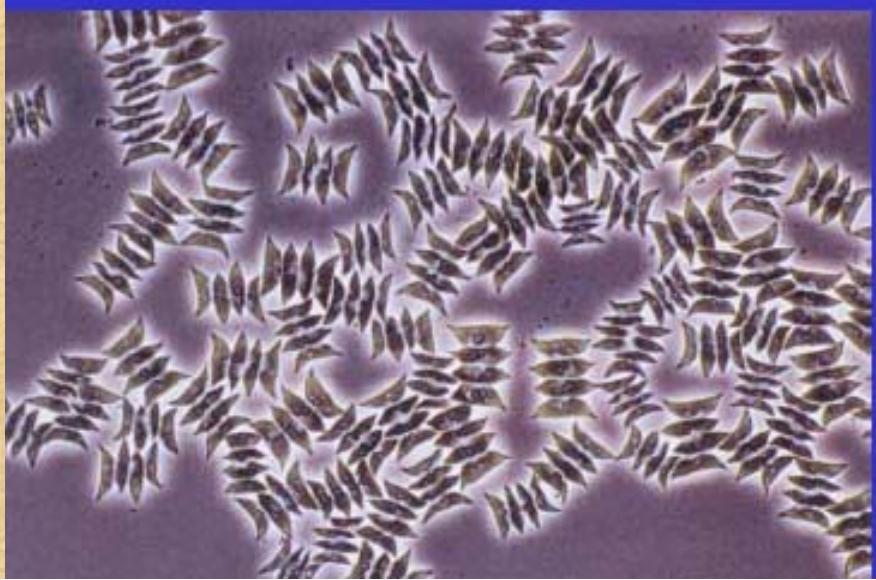
Hydrodictyon



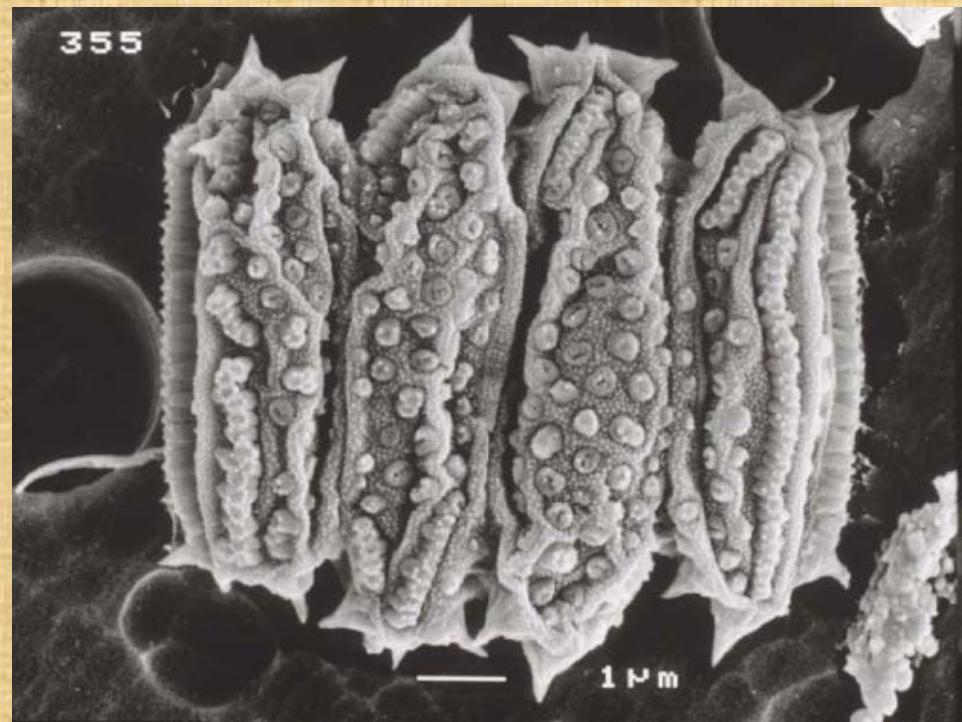
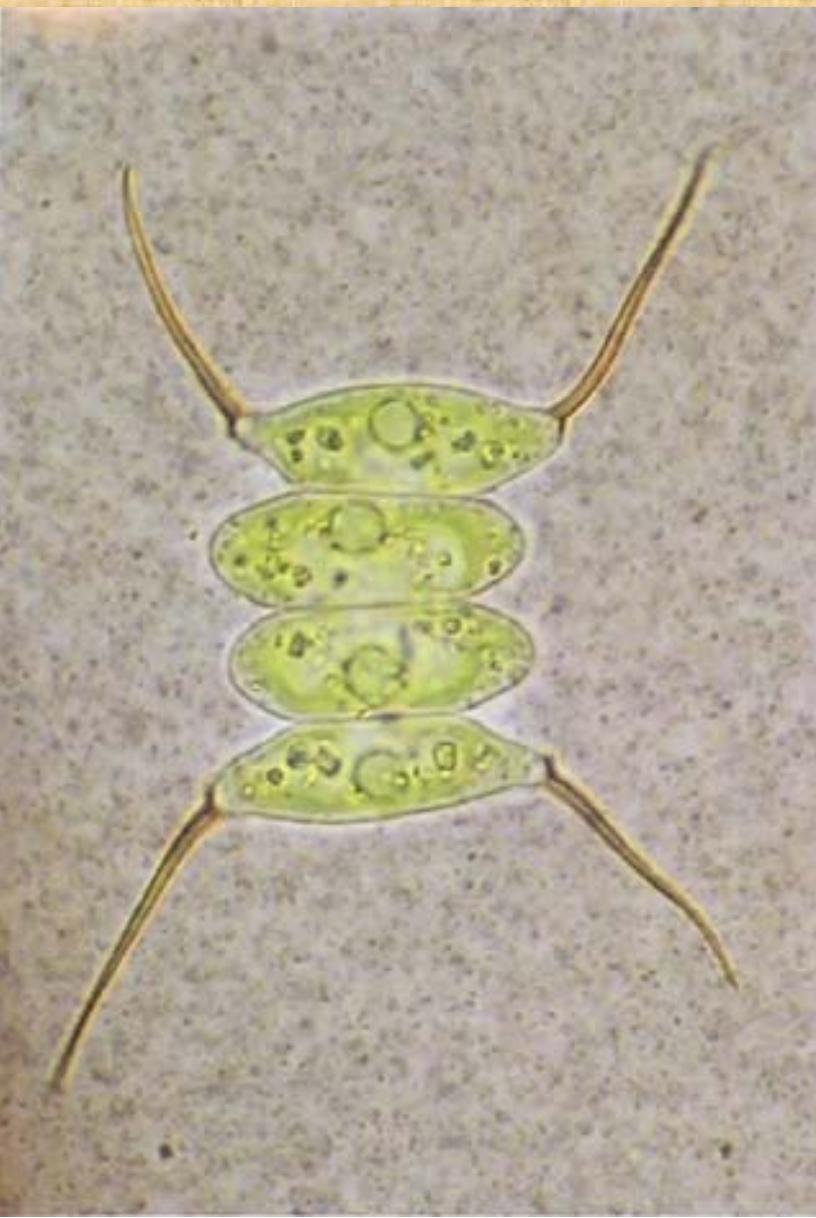
Scenedesmus/Desmodesmus



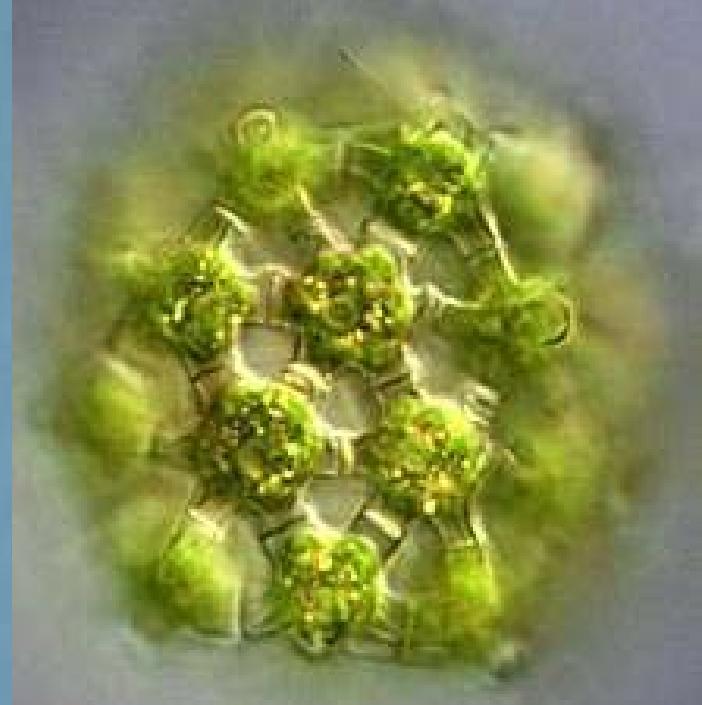
Scenedesmus



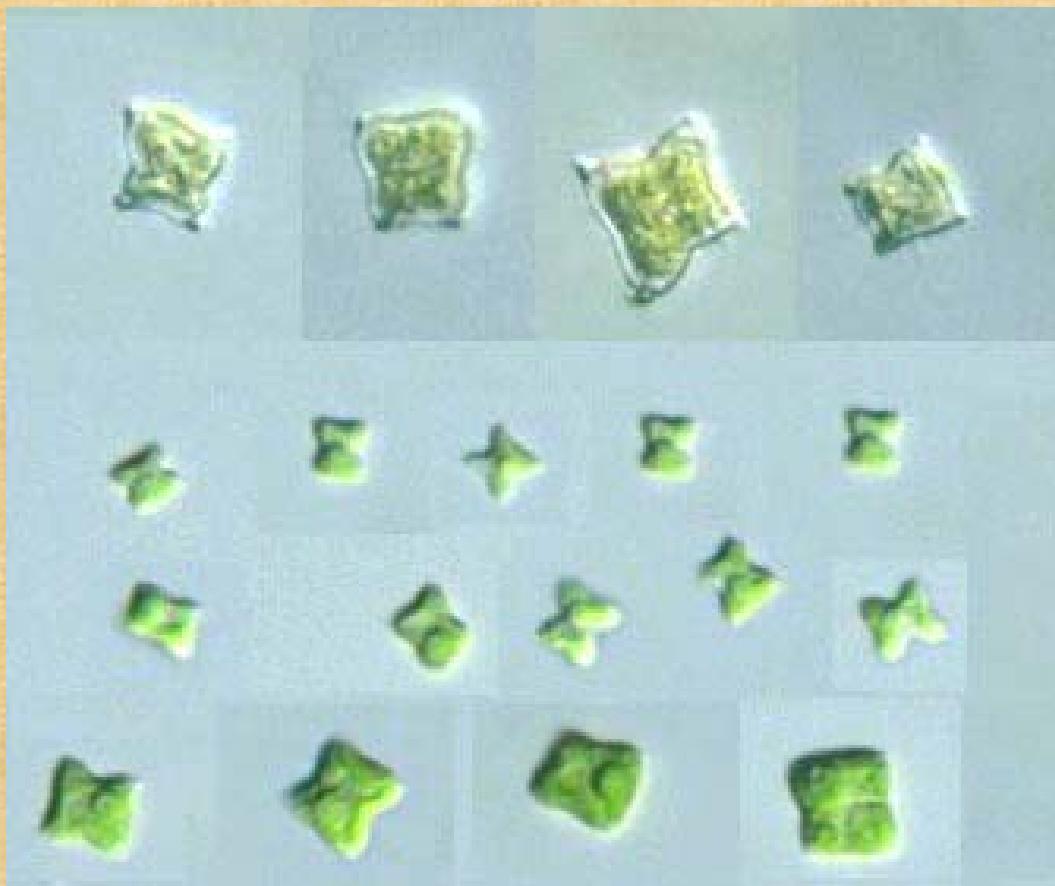
Desmodesmus



Coelastrum



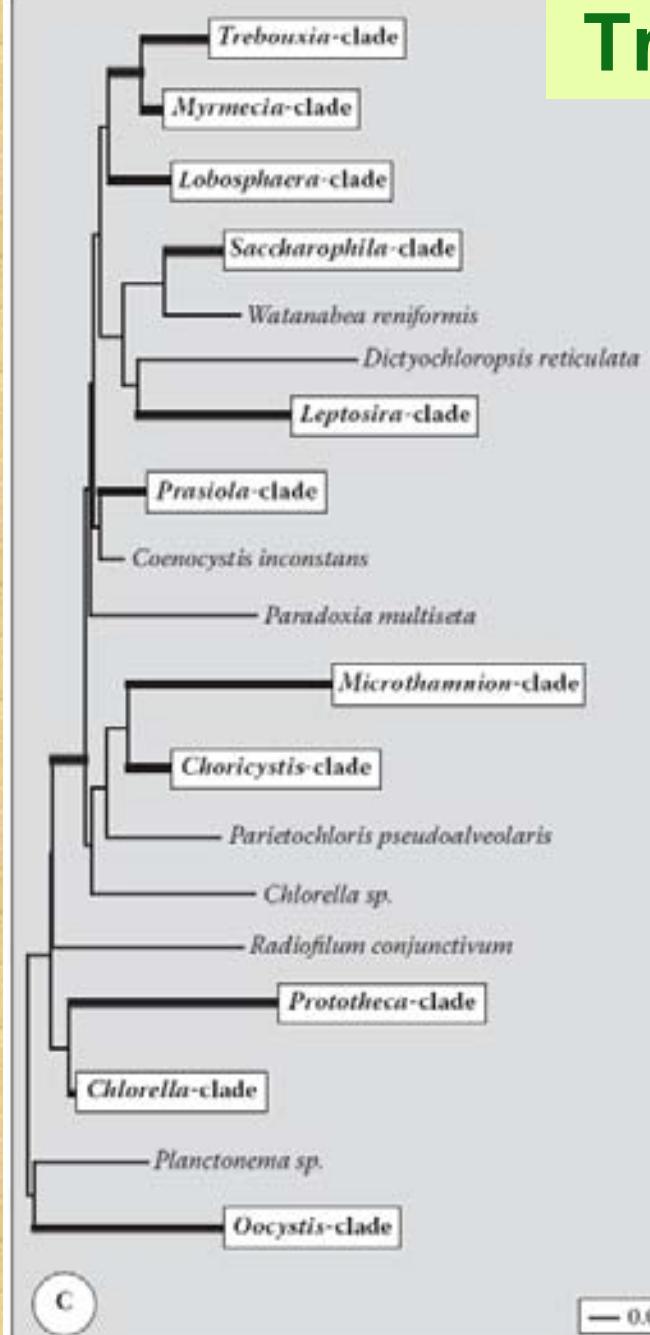
Tetraedron



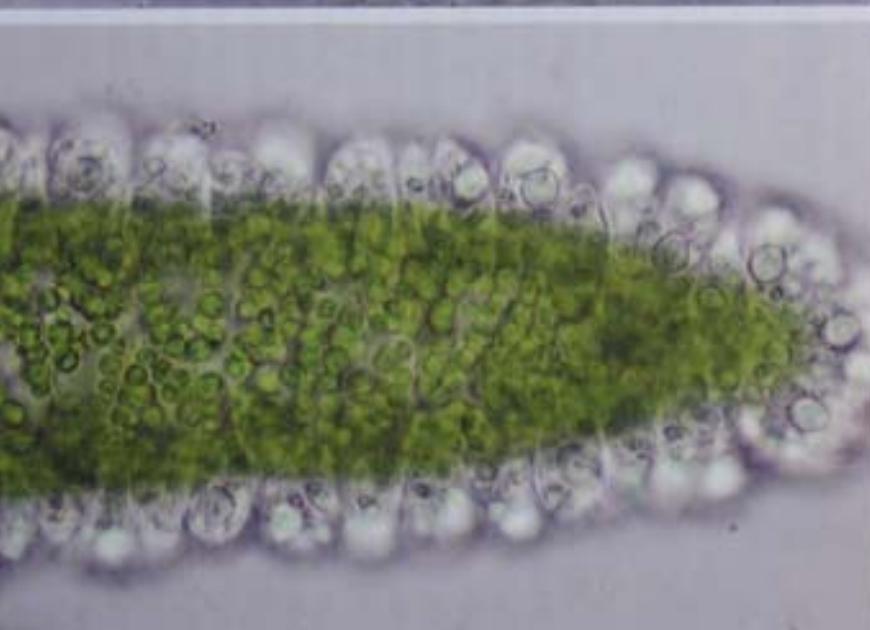
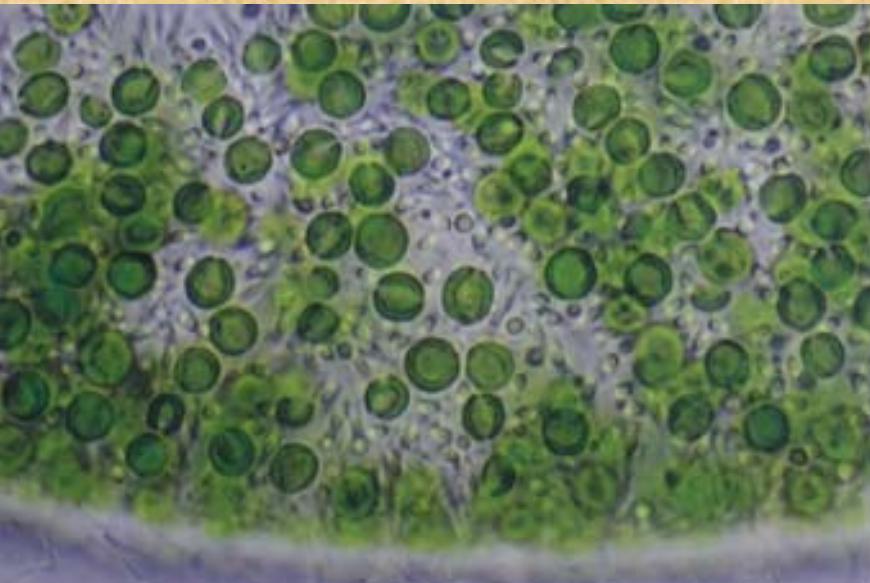
Treubaria



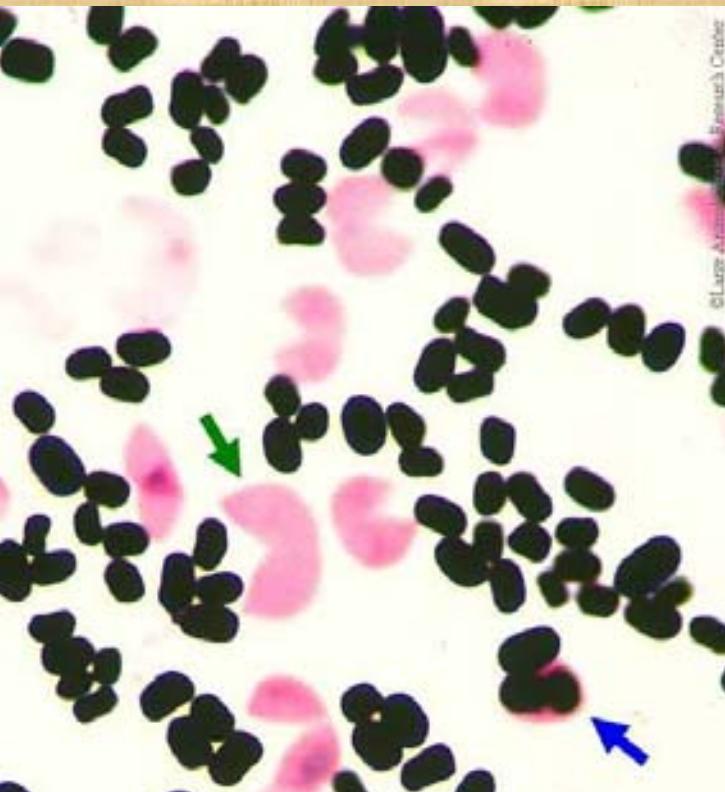
Trebouxiophyceae



Chlorella



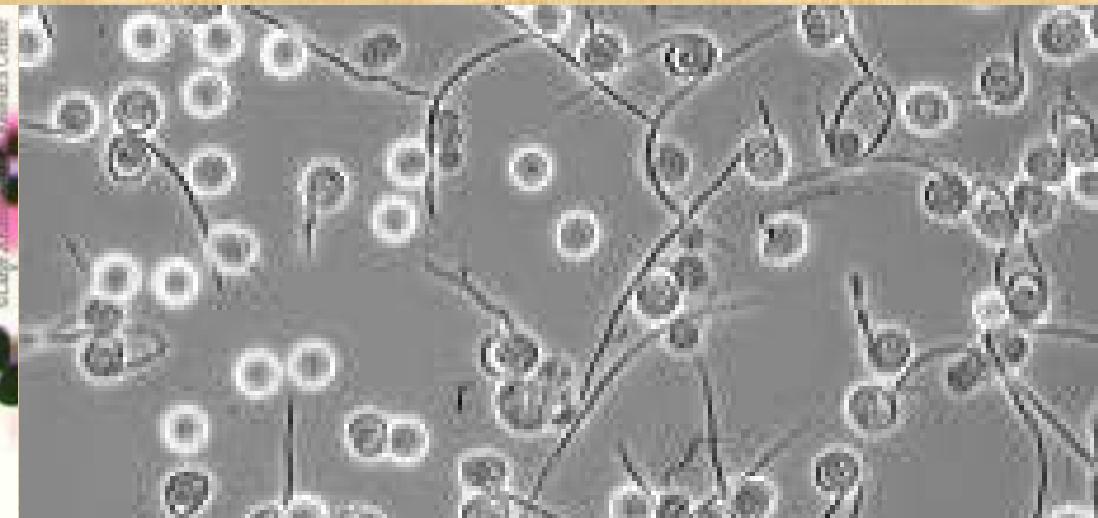
Prototheca, Helicosporidium



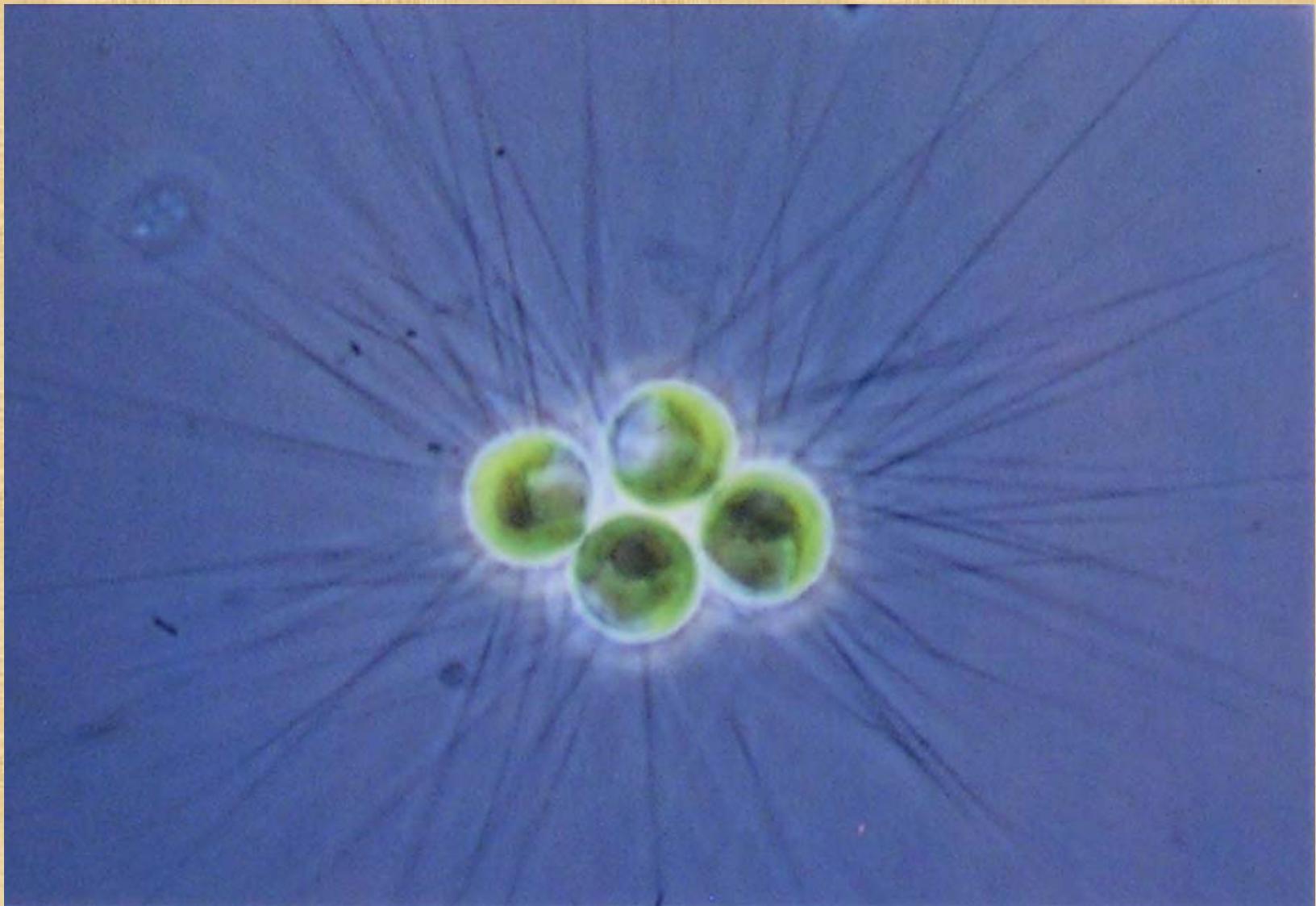
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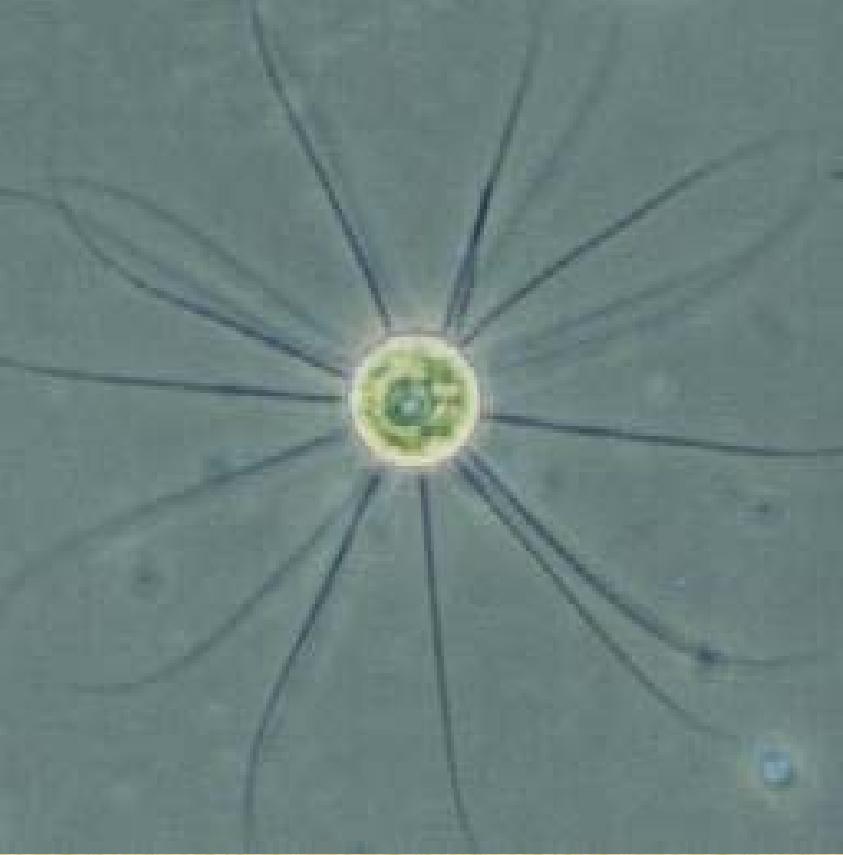
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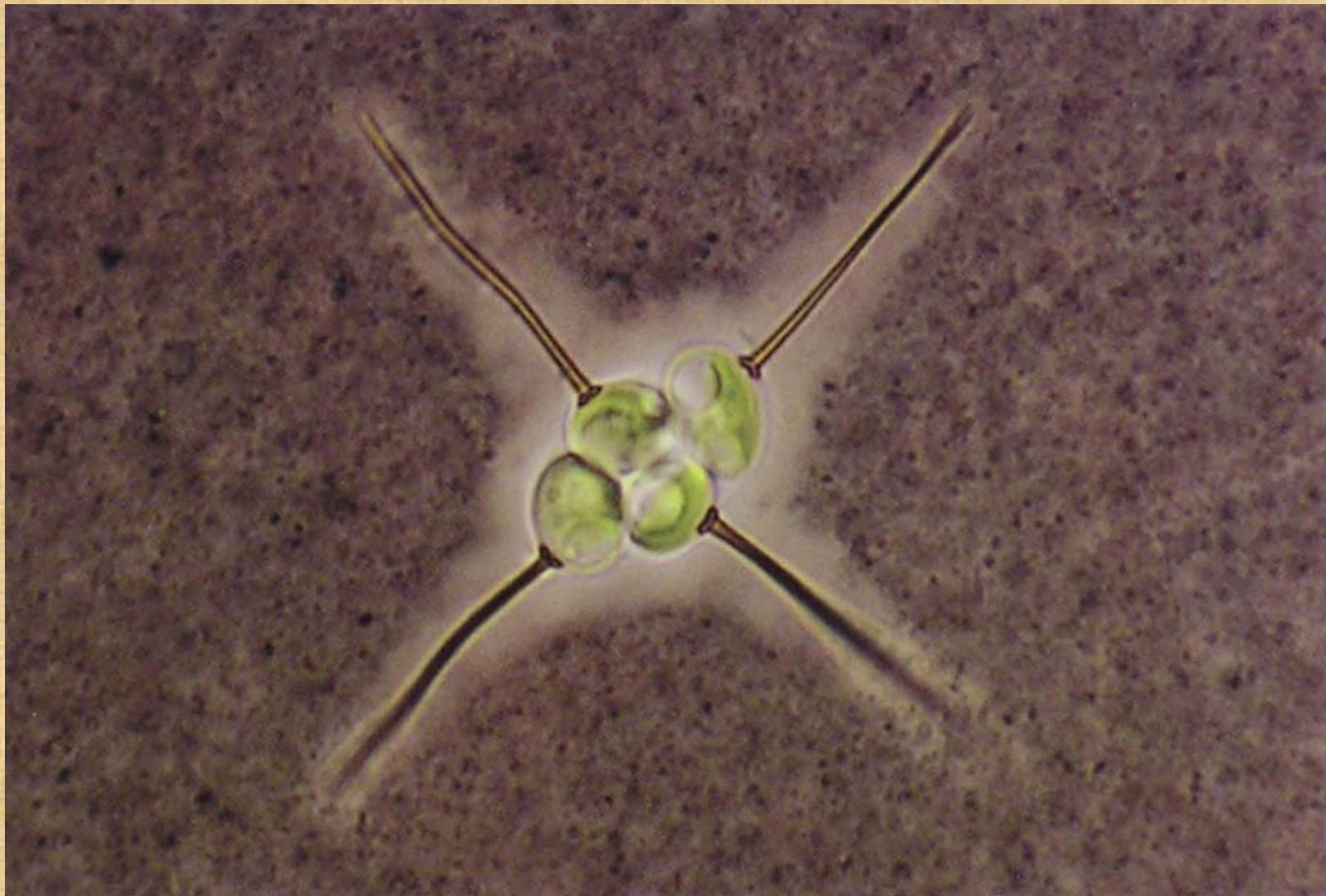
Micractinium



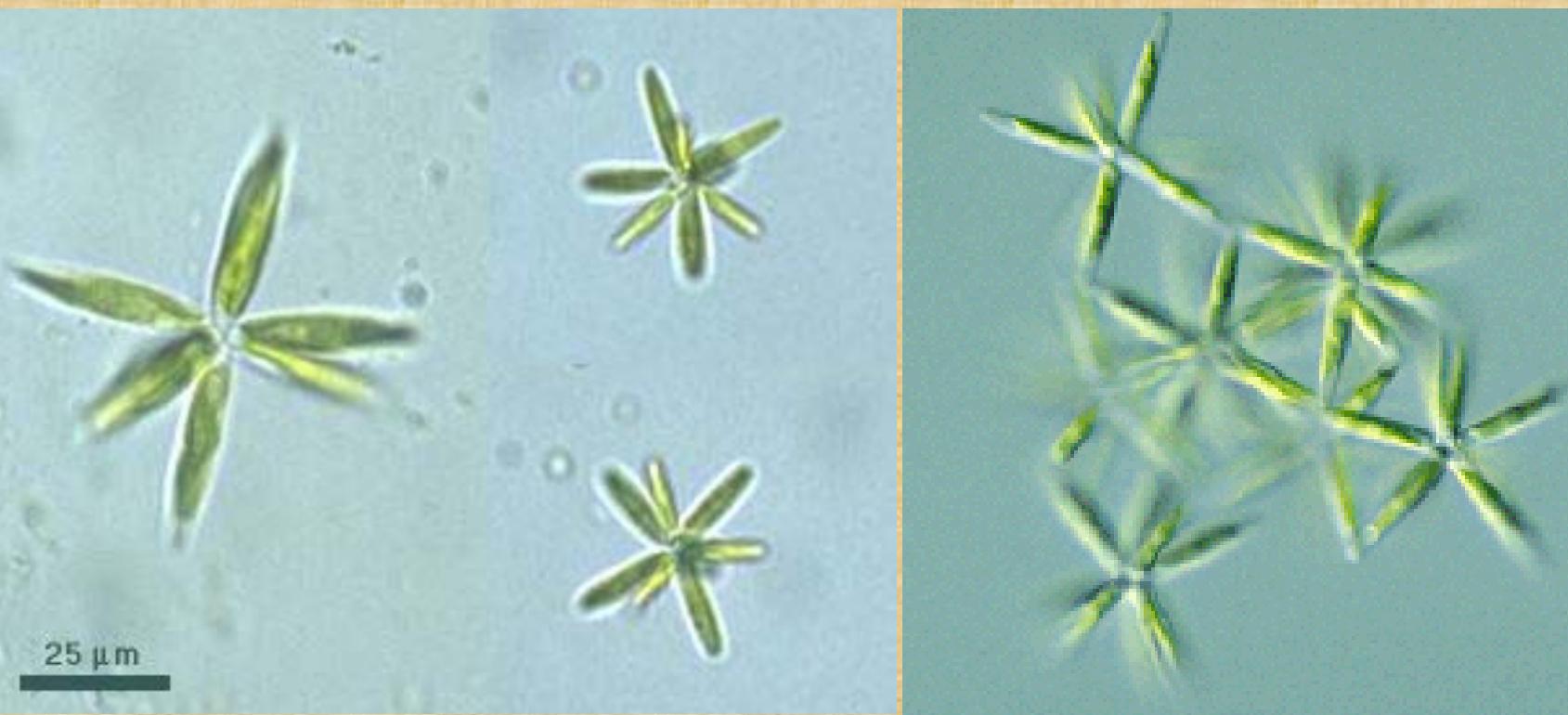
Golenkinia



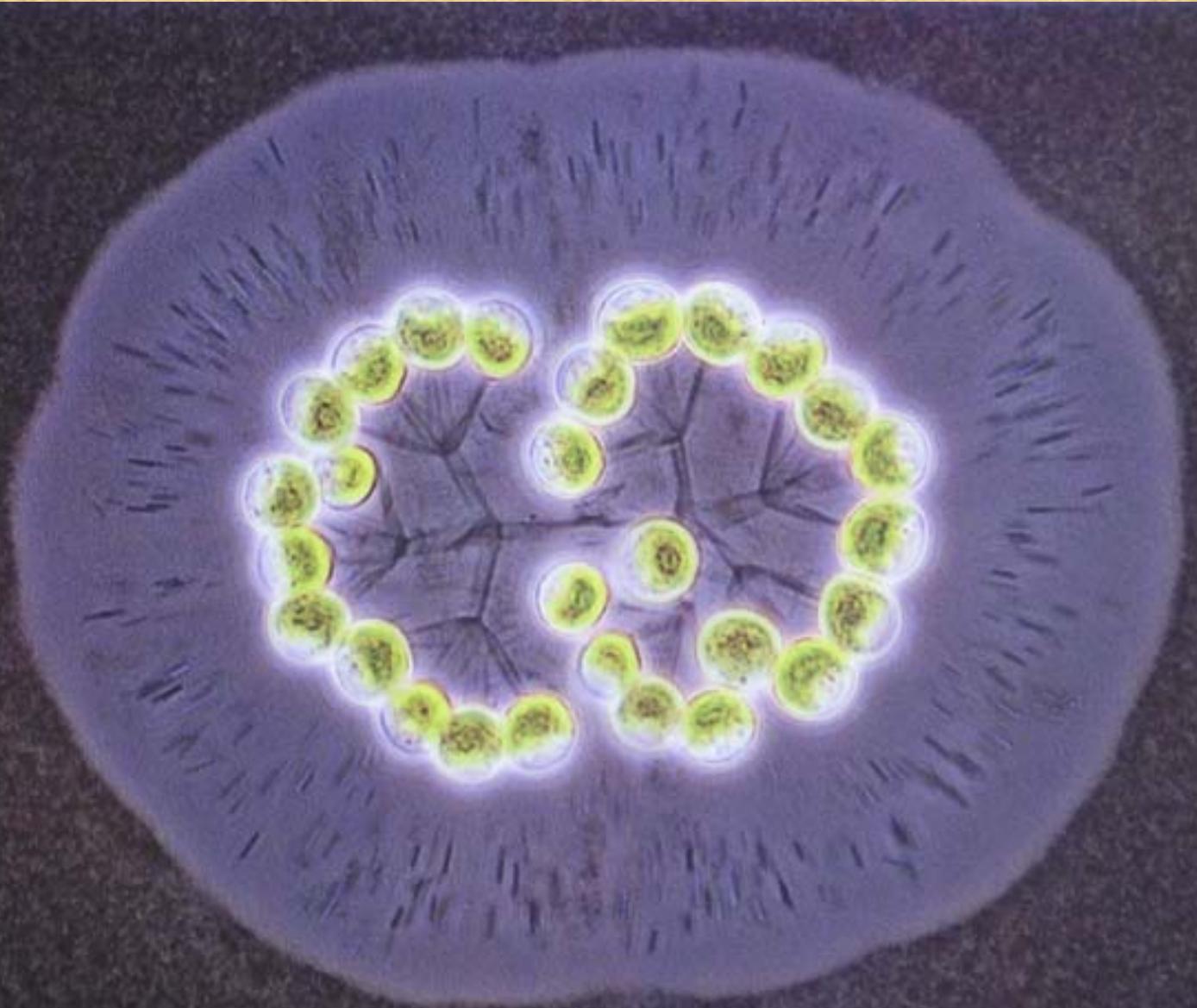
Lagerheimia



Actinastrum



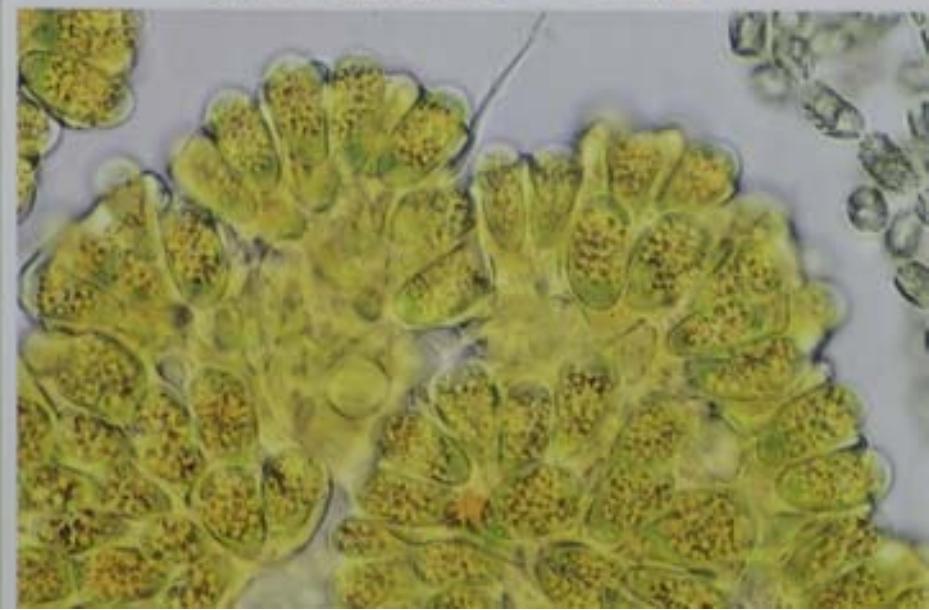
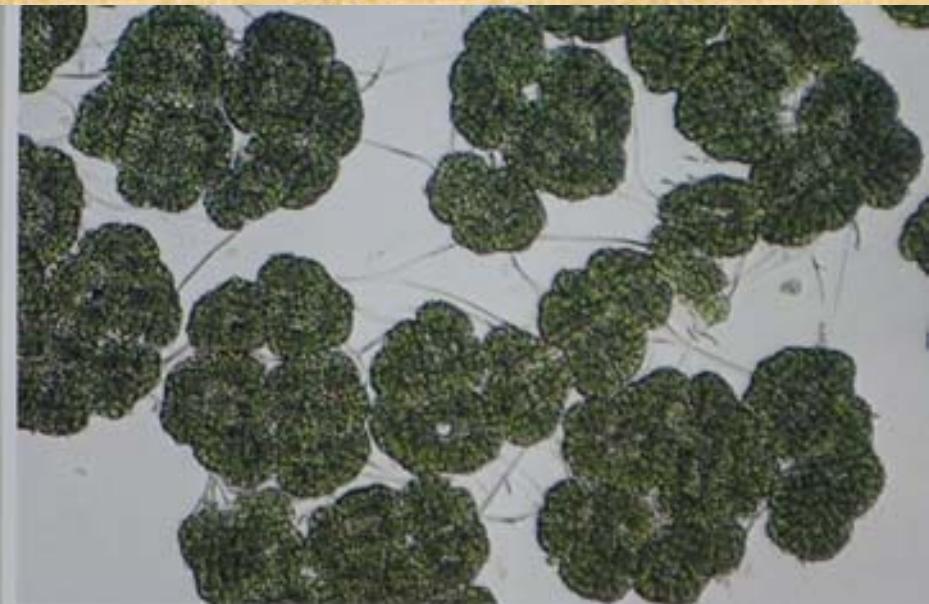
Dictyosphaerium



Eremosphaera



Botryococcus



Botryococcus

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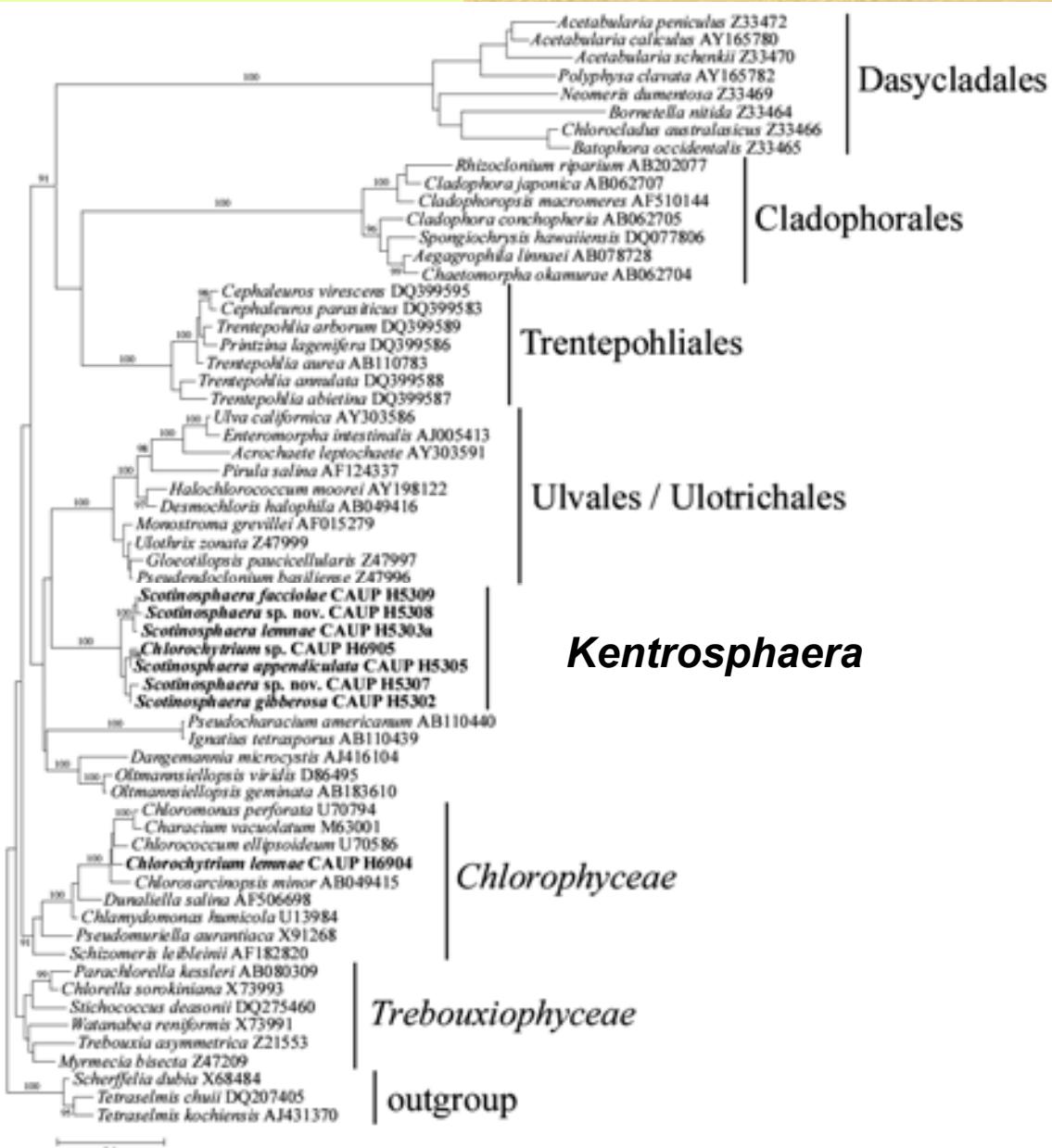
Oocystis



Franceia



Ulvophyceae



Kentrosphaera

