

CVIČENÍ 01

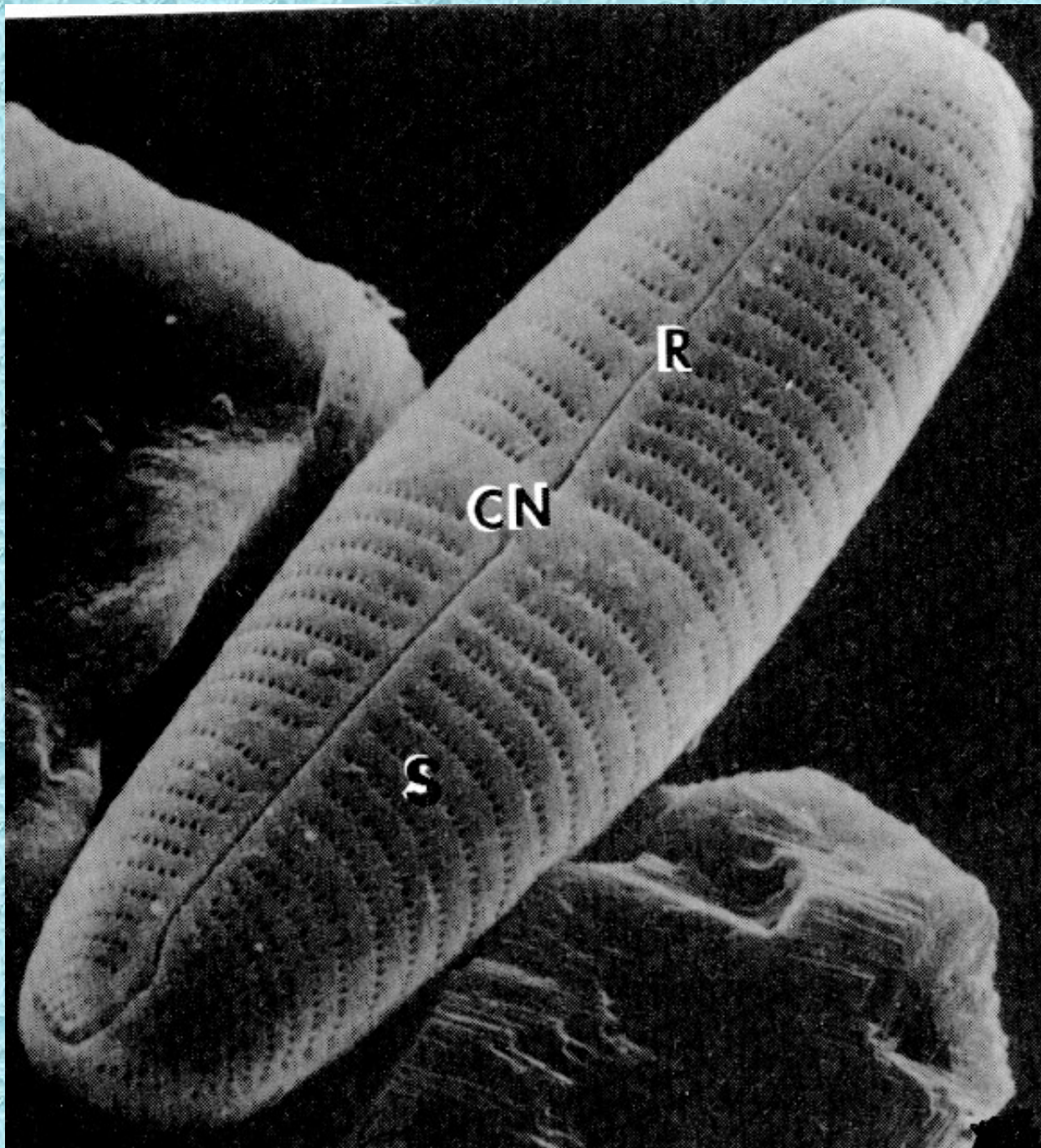
Říše: CHROMISTA

Oddělení: Heterokontophyta

Třída: Bacillariophyceae

Třída: Rozsivky- Bacillariophyceae

- Dvoudílná křemitá frustula
- Polymer SiO_2
- Hnědé chloroplasty
- Chlorofyly a, $\text{C}_1, \text{C}_2, \text{C}_3$
- Xanthofyly
- Olej
- Bičík - gamety
- Penátní rozsivky
- Centrické rozsivky
- Raphe
- Epithéka, hypothéka
- Bioindikátory kvality vody
- Diatomit - křemelina



Penátní rozsivka (SEM)

R - raphe

CN - centrální nodulus

S - striae

hypothéka

epithéka

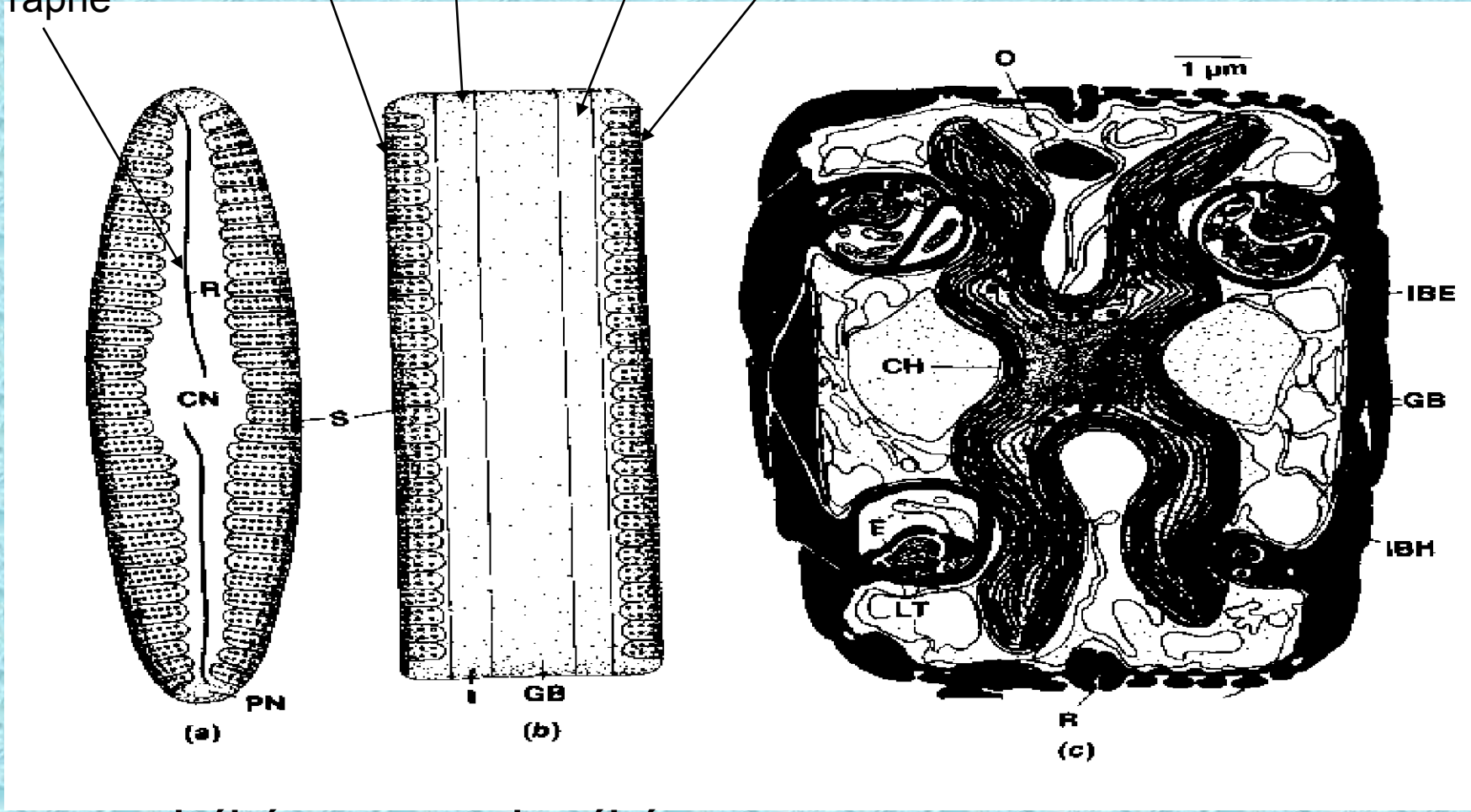
hypopleura

epipleura

hyovalva

epivalva

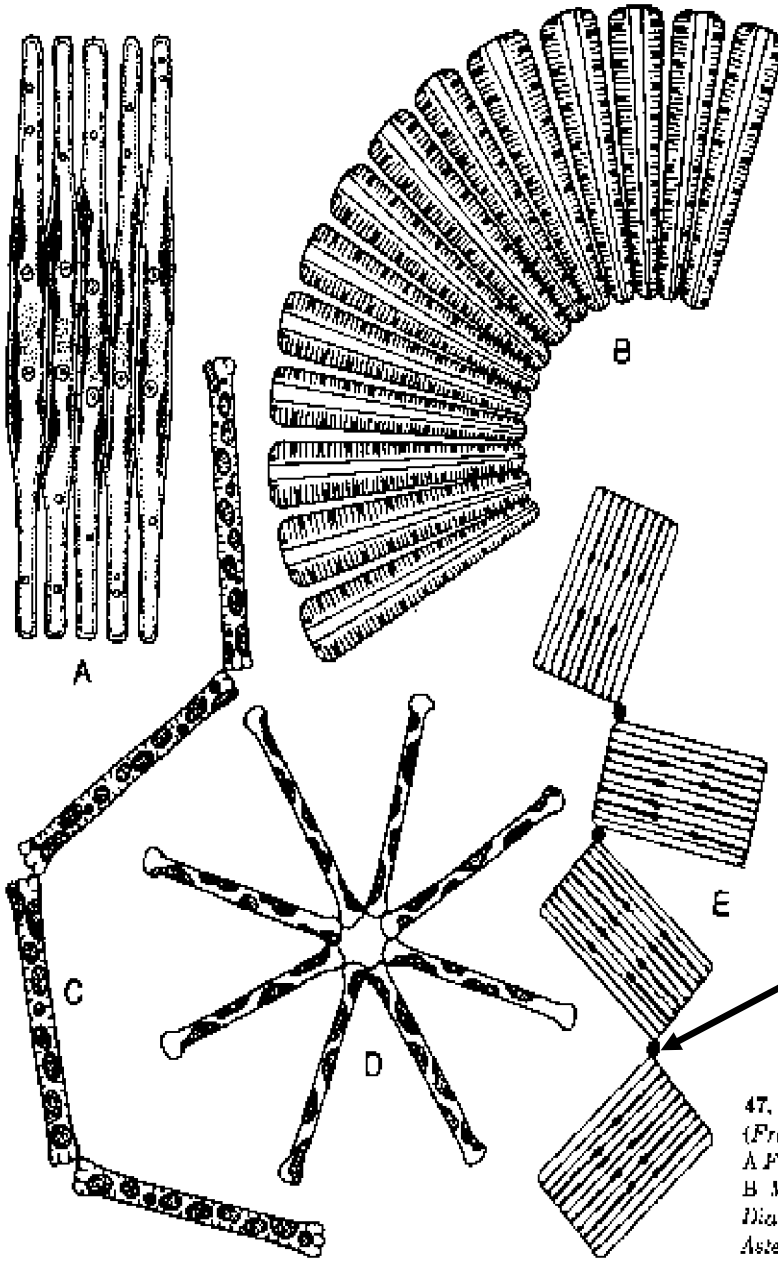
raphe



valvní
pohled

pleurální
pohled

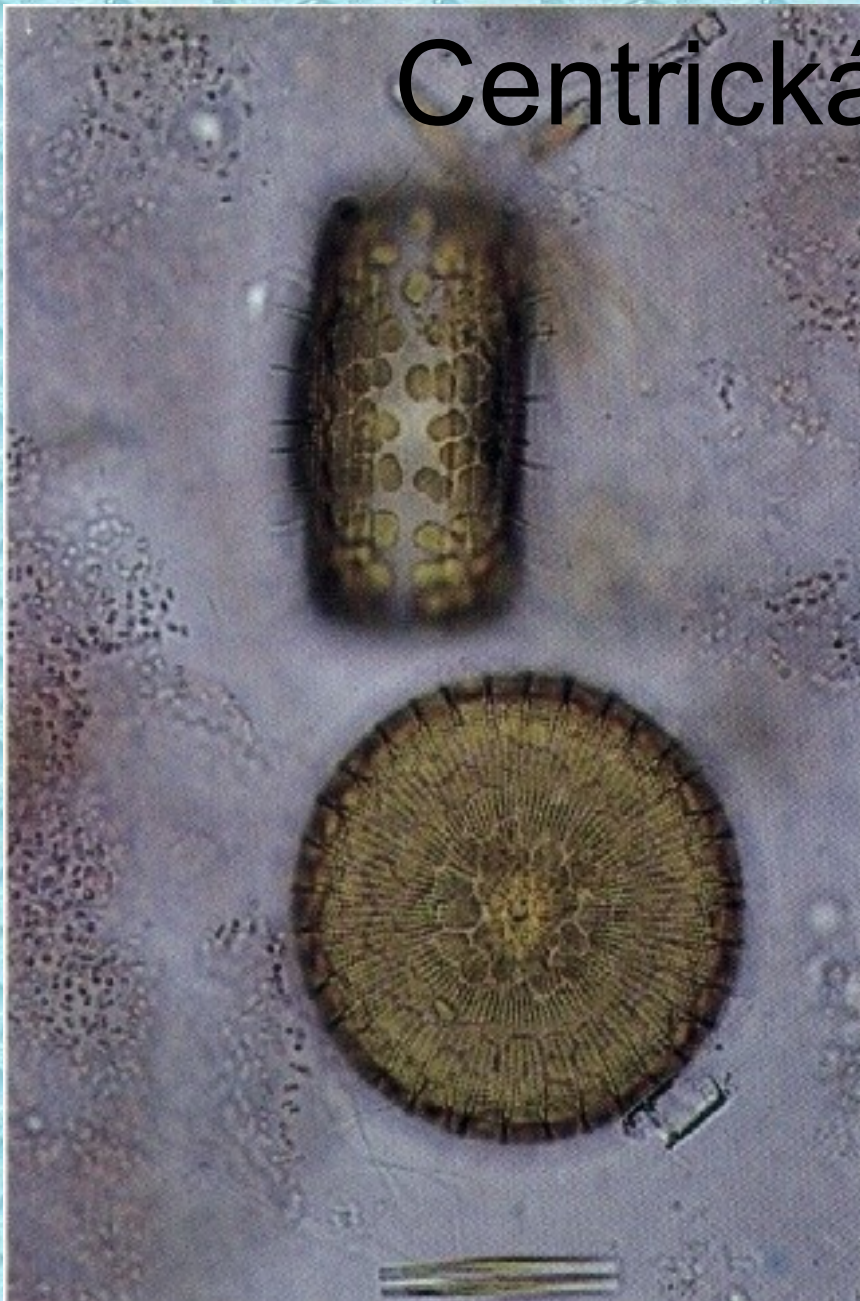
příklady kolonií
penátních rozsivek



slizový polštářek

47. Sladkovodní rozsivky
(Fragillariophyceae).
A *Fragillaria crotonensis*;
B *Meridiana circulo-re*; C
Diatoma elongatum; D
Asterionella formosa; E *Te-
bētaria floridosa*.

Centrická rozsivka



Stephanodiscus sp.

Odd.: Heterokontophyta Třída: Bacillariophyceae
Podtřída: Coscinodiscophycidae Řád: Coscinodiscales

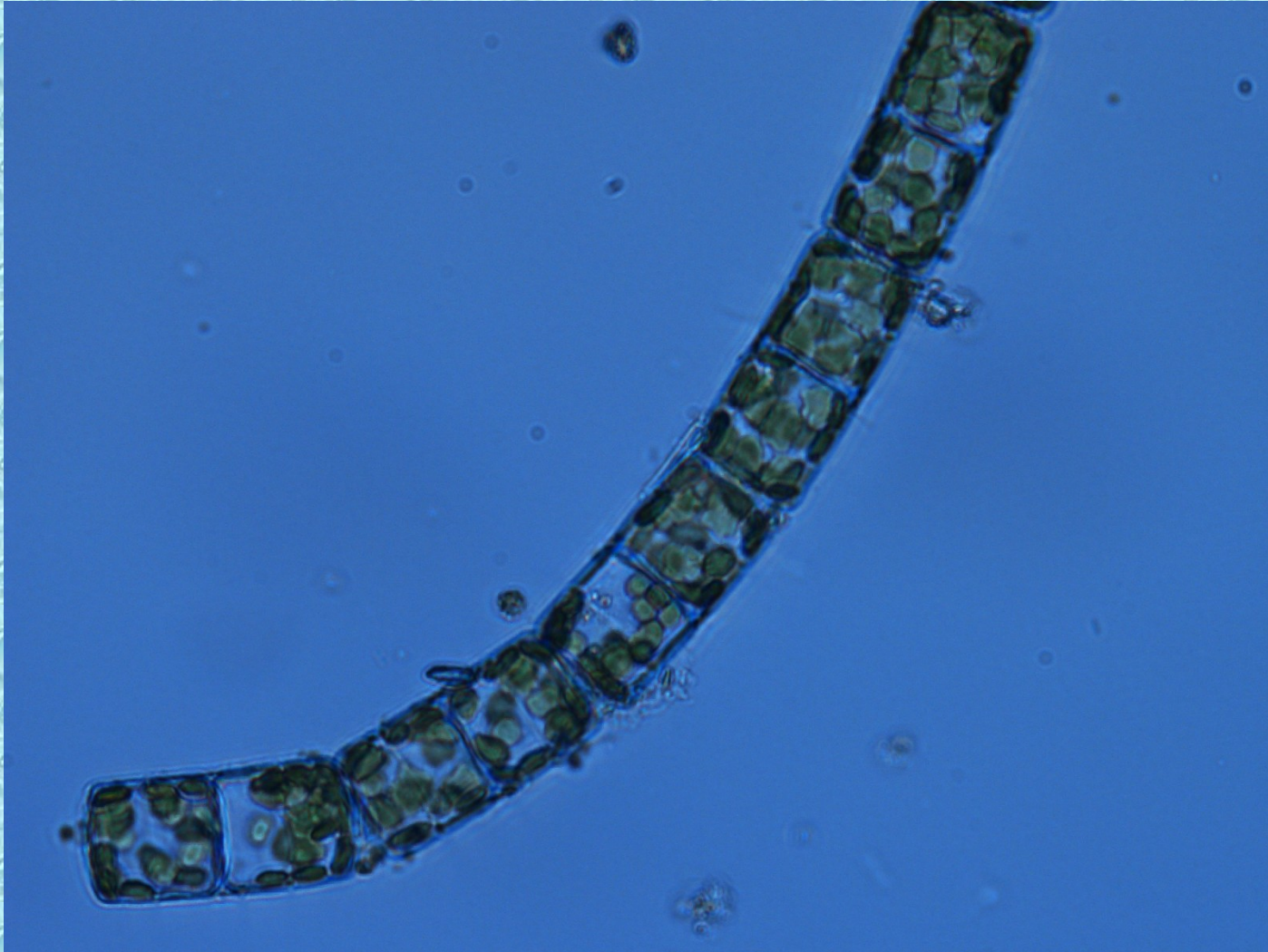
Melosira sp.

10 μm

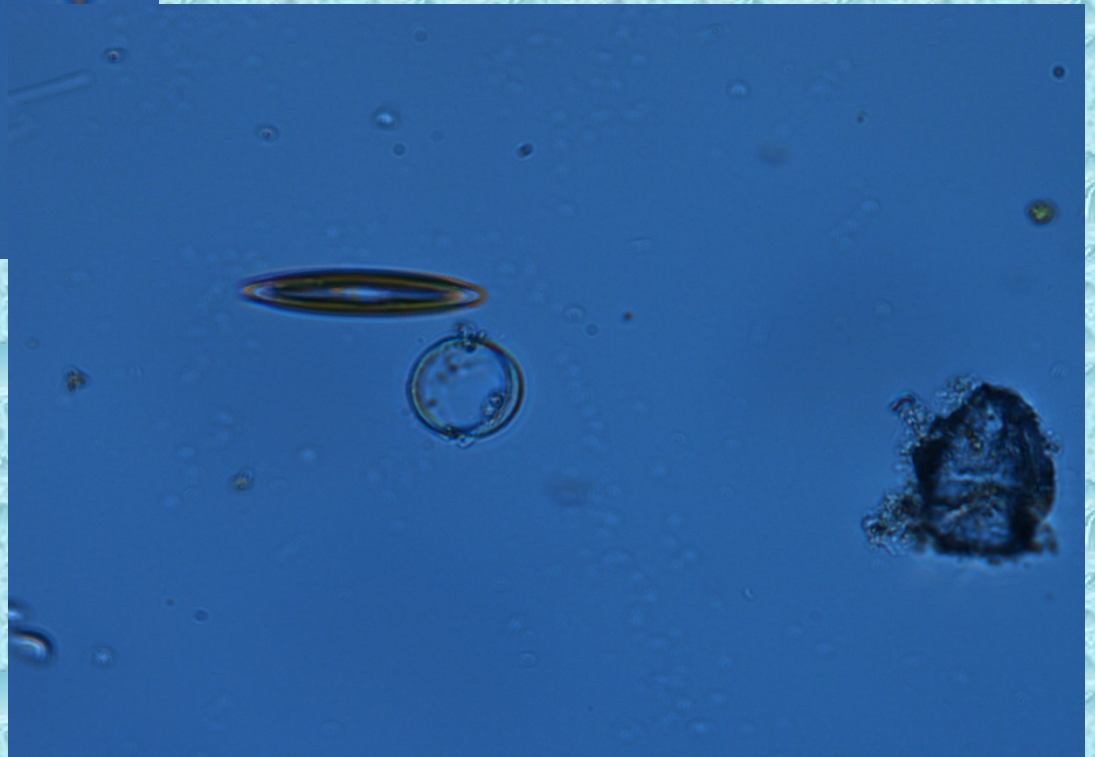
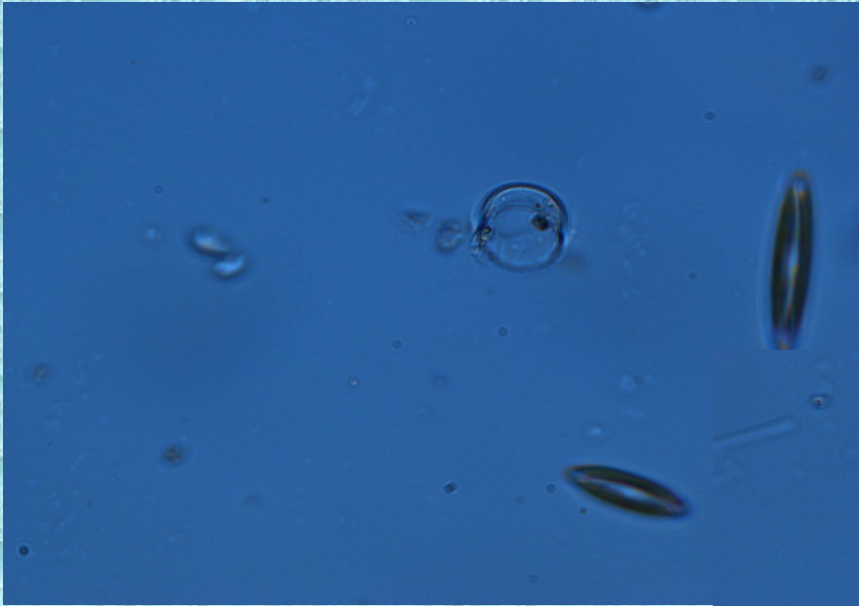


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Melosira (centrická rozsvivka, pleurální
pohled, kolonie)



Melosira



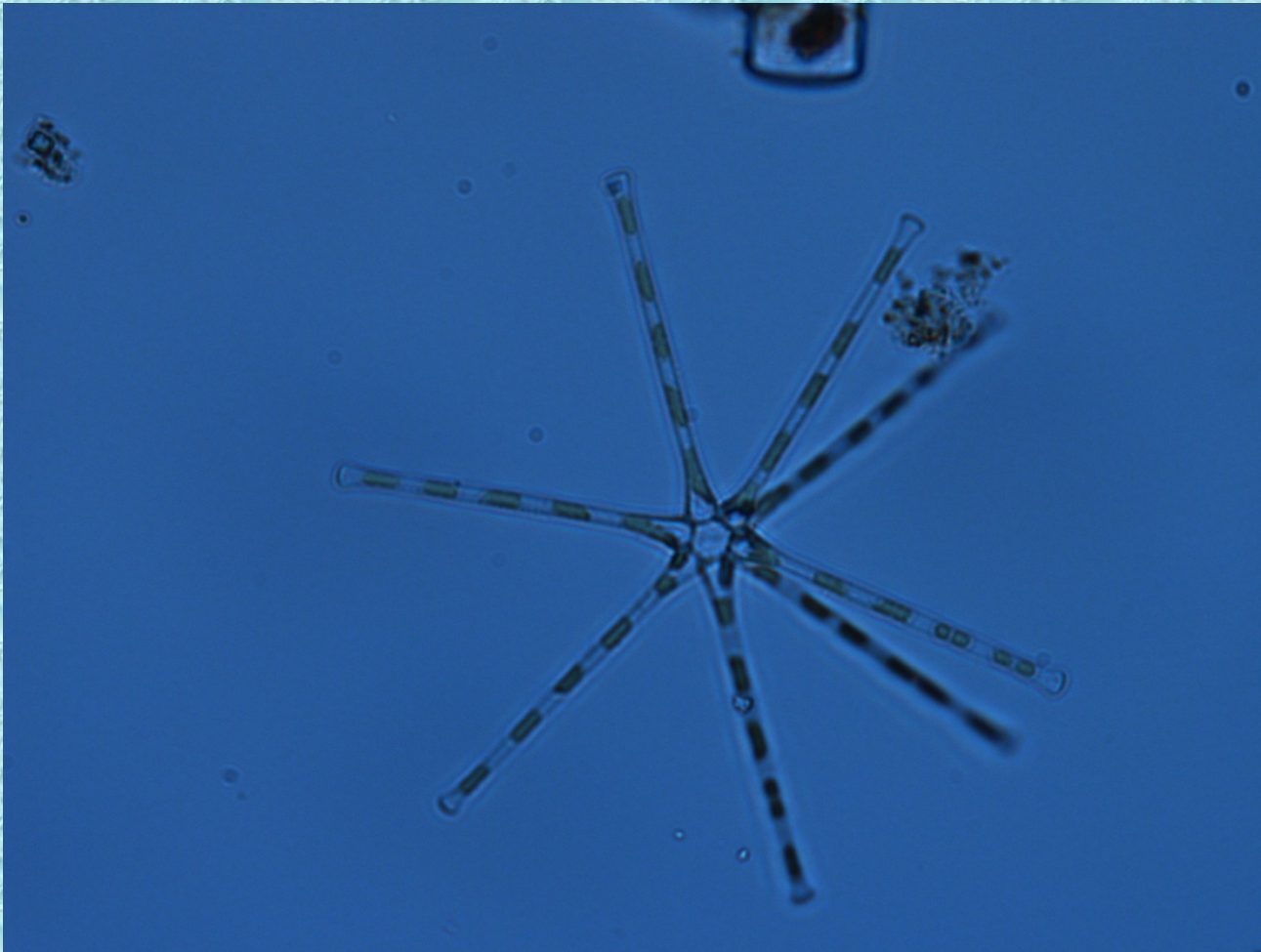
Asterionella

Odd.: Heterokontophyta

Třída: Bacillariophyceae

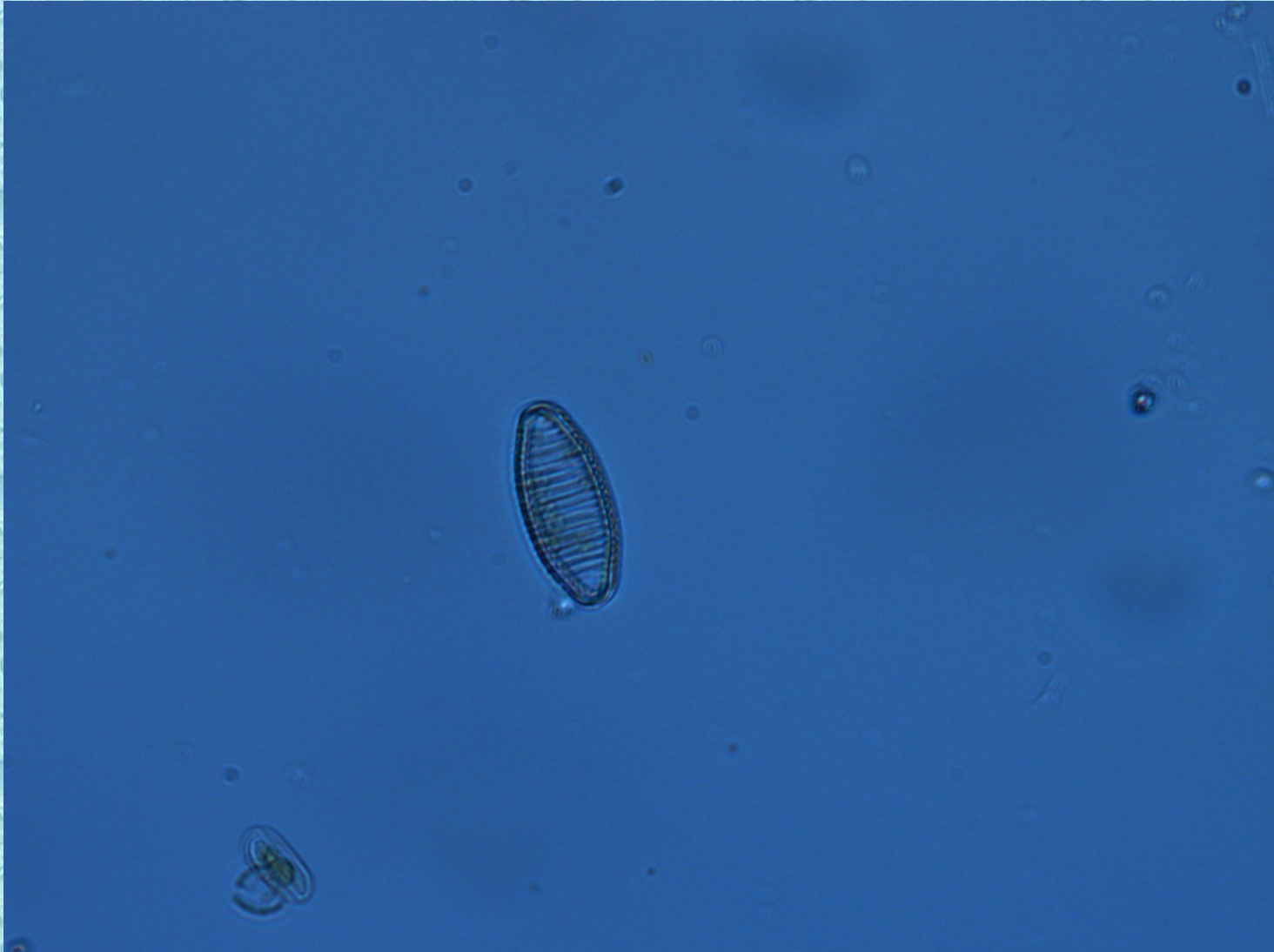
Podtřída: Fragilariophycidae

Řád: Fragilariales



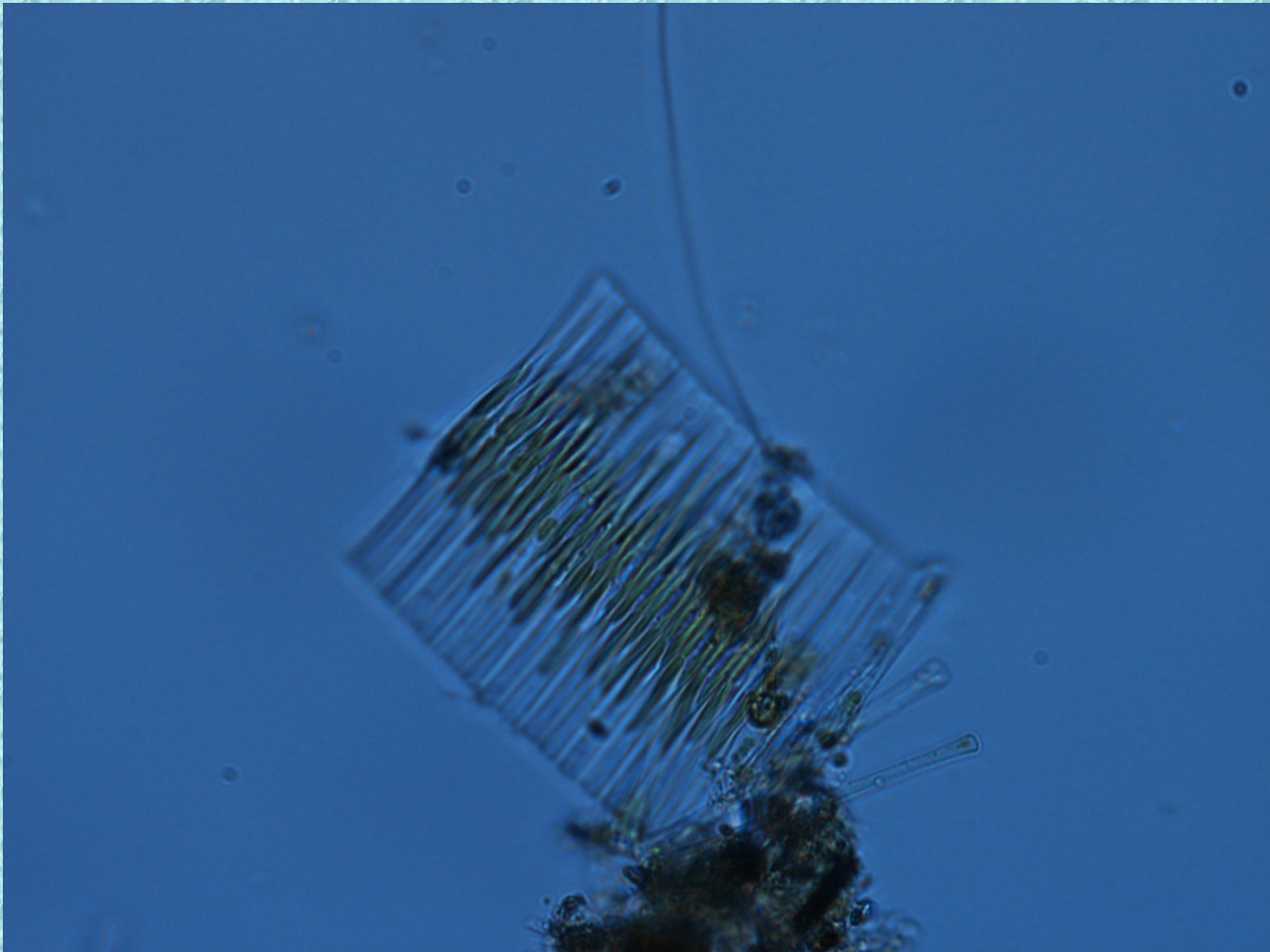
Diatoma

Odd.: Heterokontophyta Třída: Bacillariophyceae
Podtřída: Fragilariophycidae Řád: Fragilariales

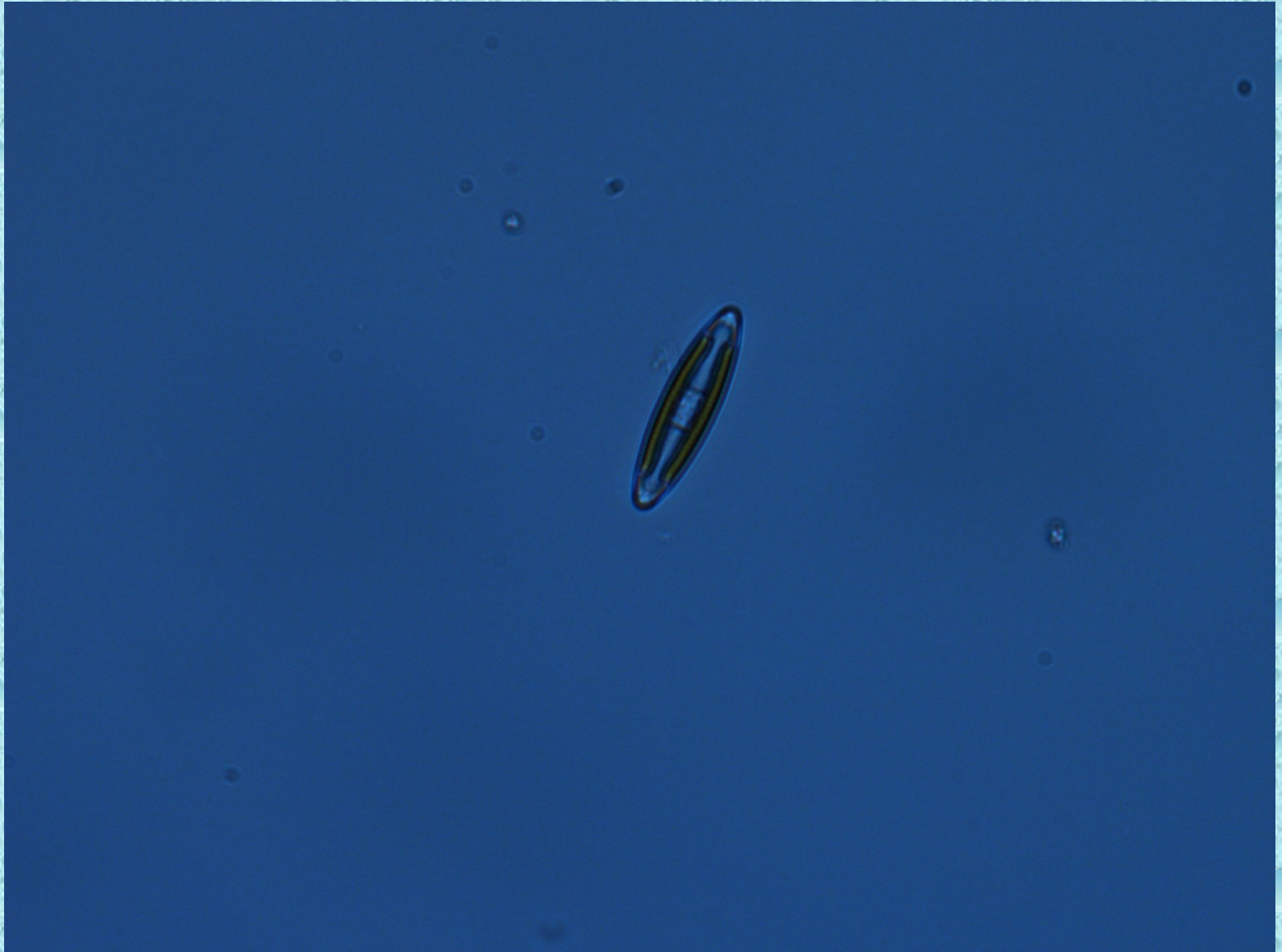


Fragilaria

Odd.: Heterokontophyta Třída: Bacillariophyceae
Podtřída: Fragilariophycidae Řád: Fragilariales



Navicula

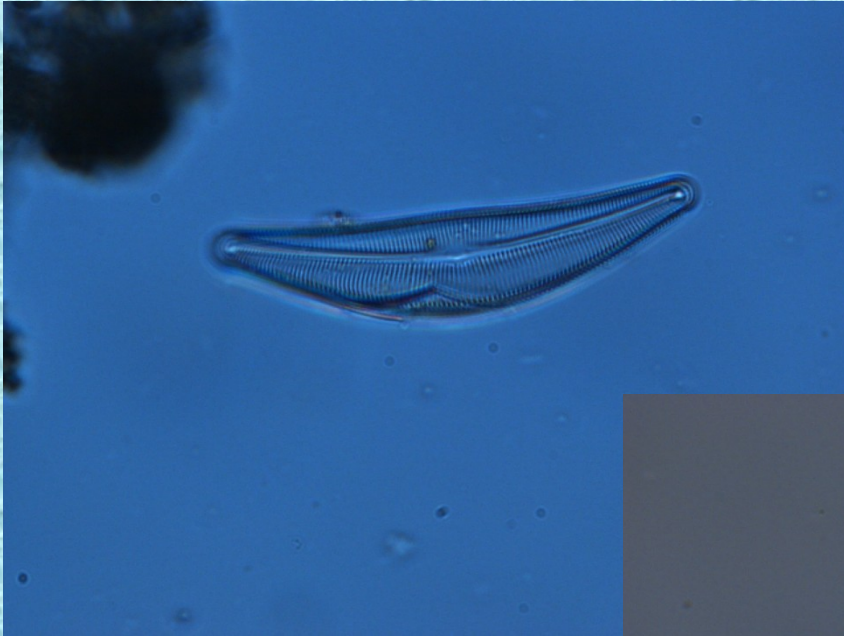


Odd.: Heterokontophyta Třída: Bacillariophyceae
Podtřída: Bacillariophycidae Řád: Naviculales

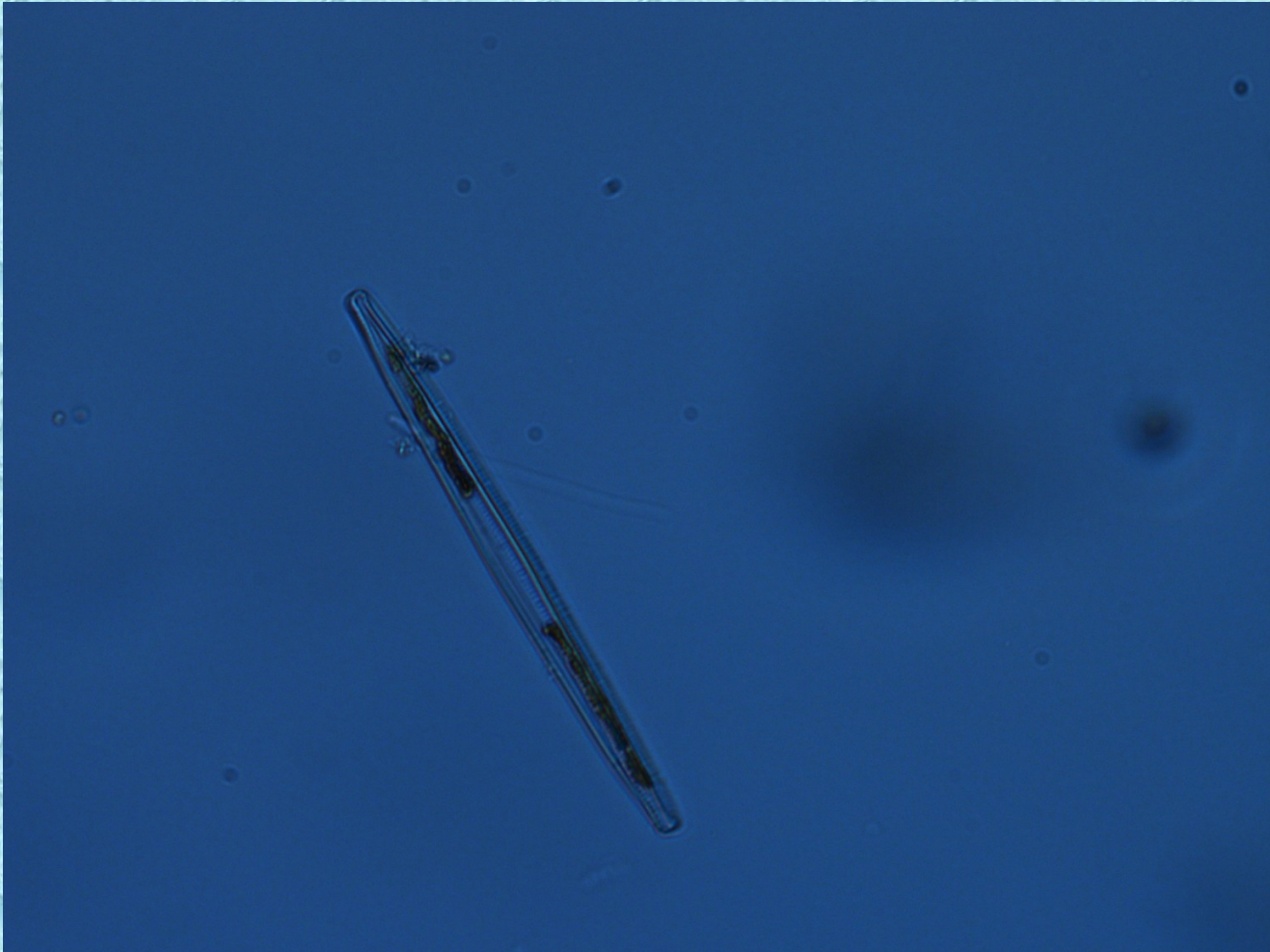


Navicula sp.

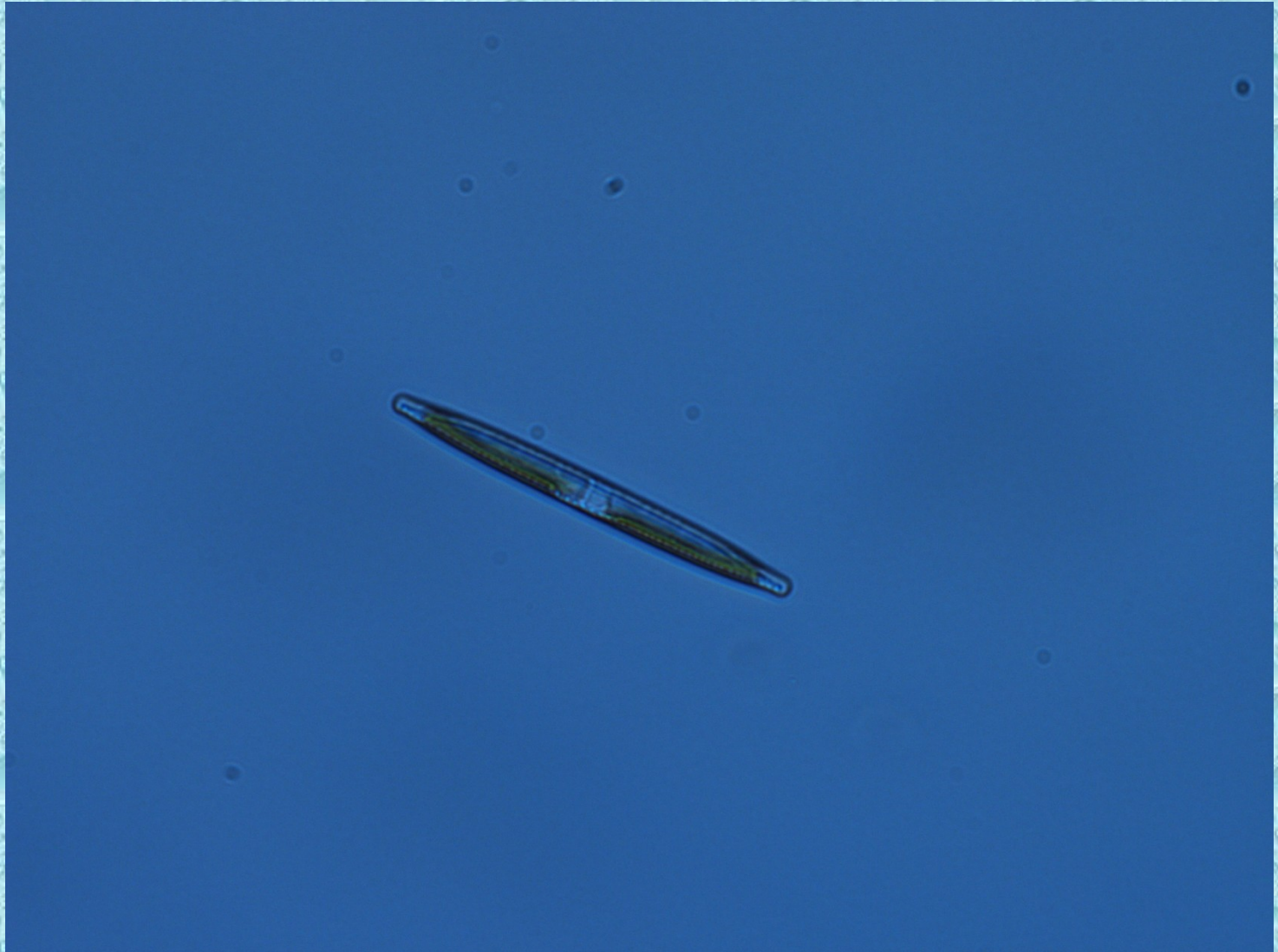
Cymbella



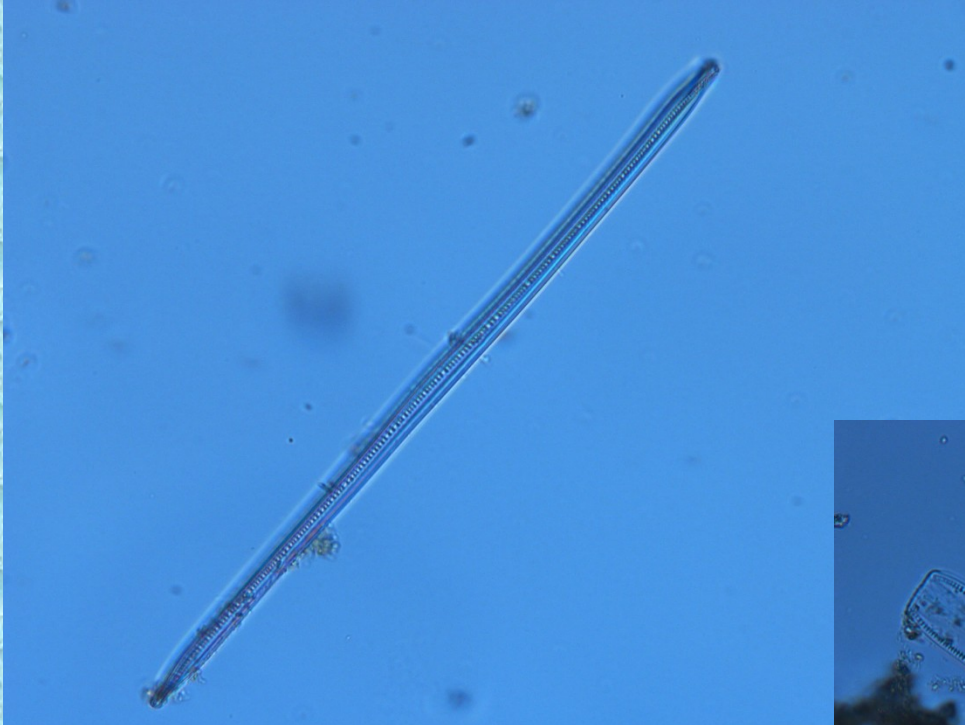
Nitzschia



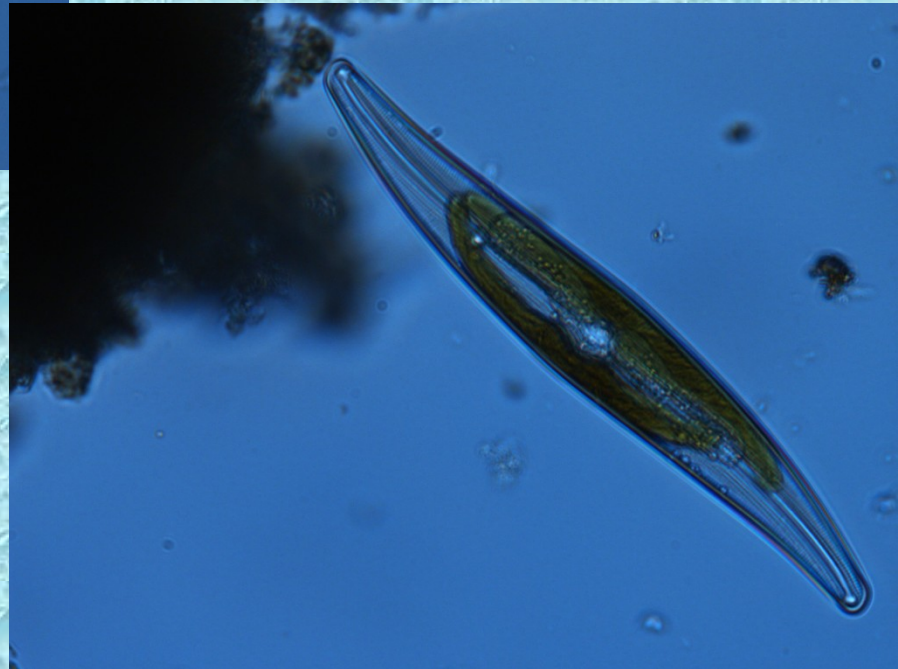
Nitzschia



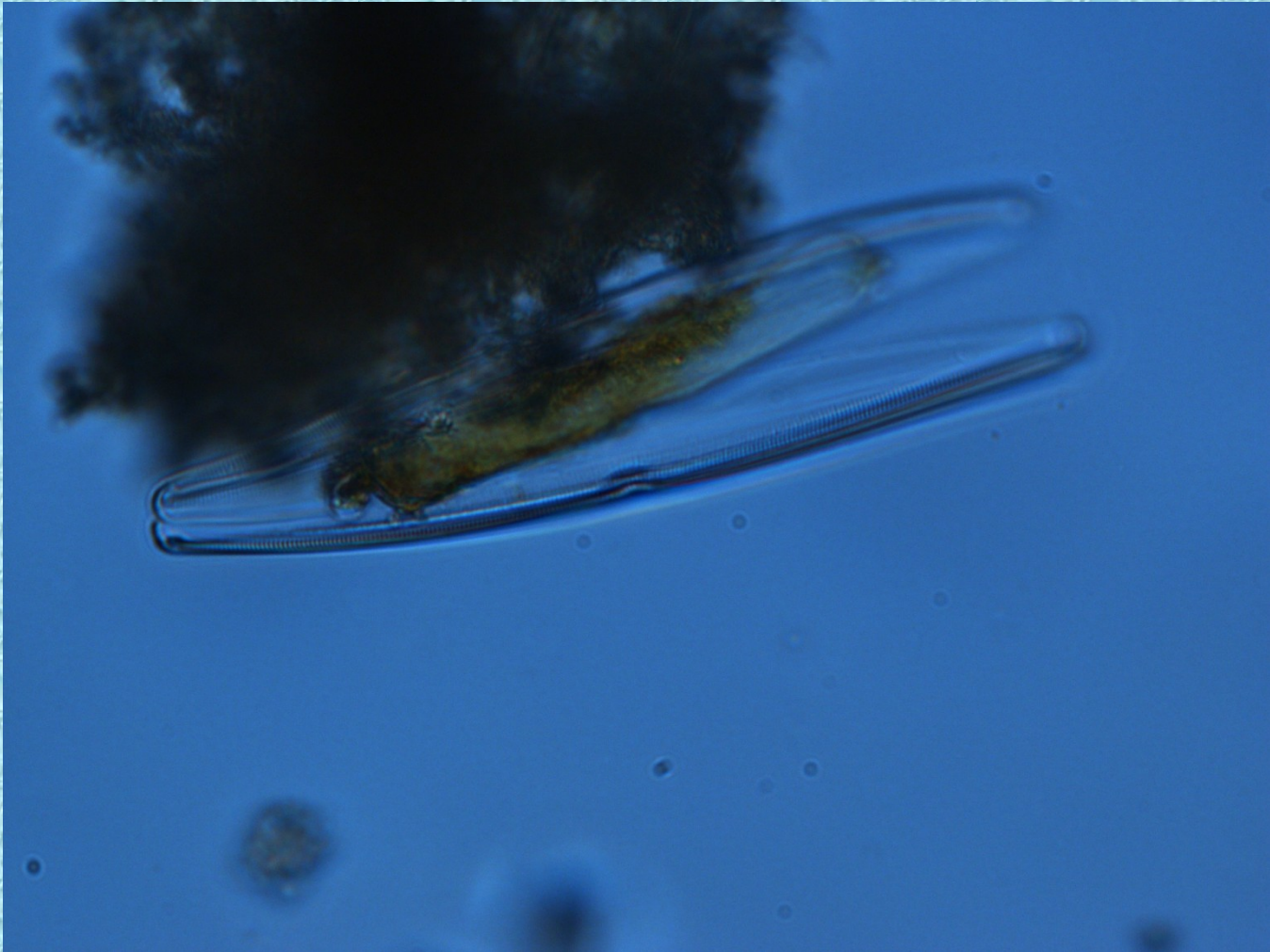
Nitzschia



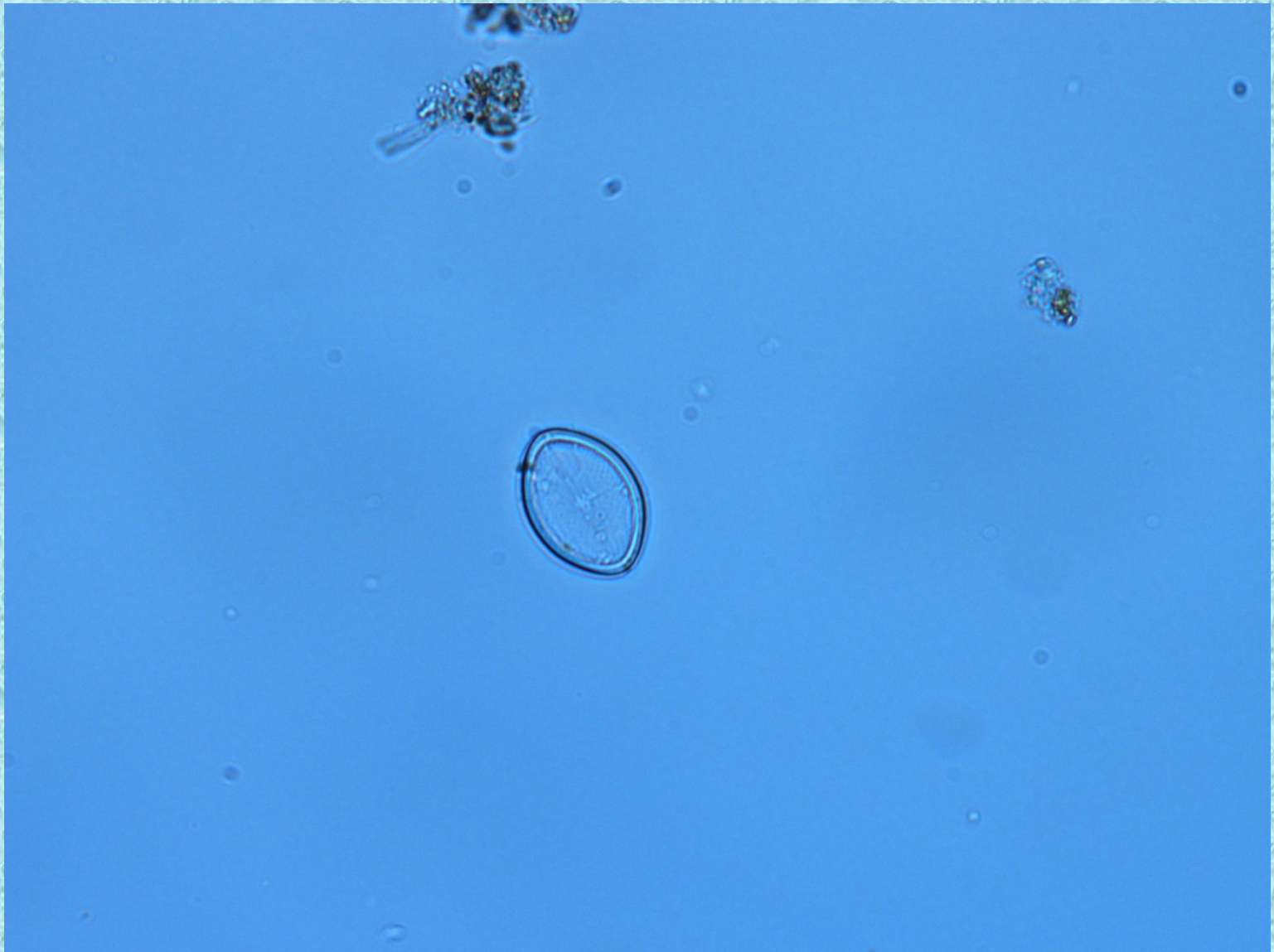
Gyrosigma



Gyrosigma



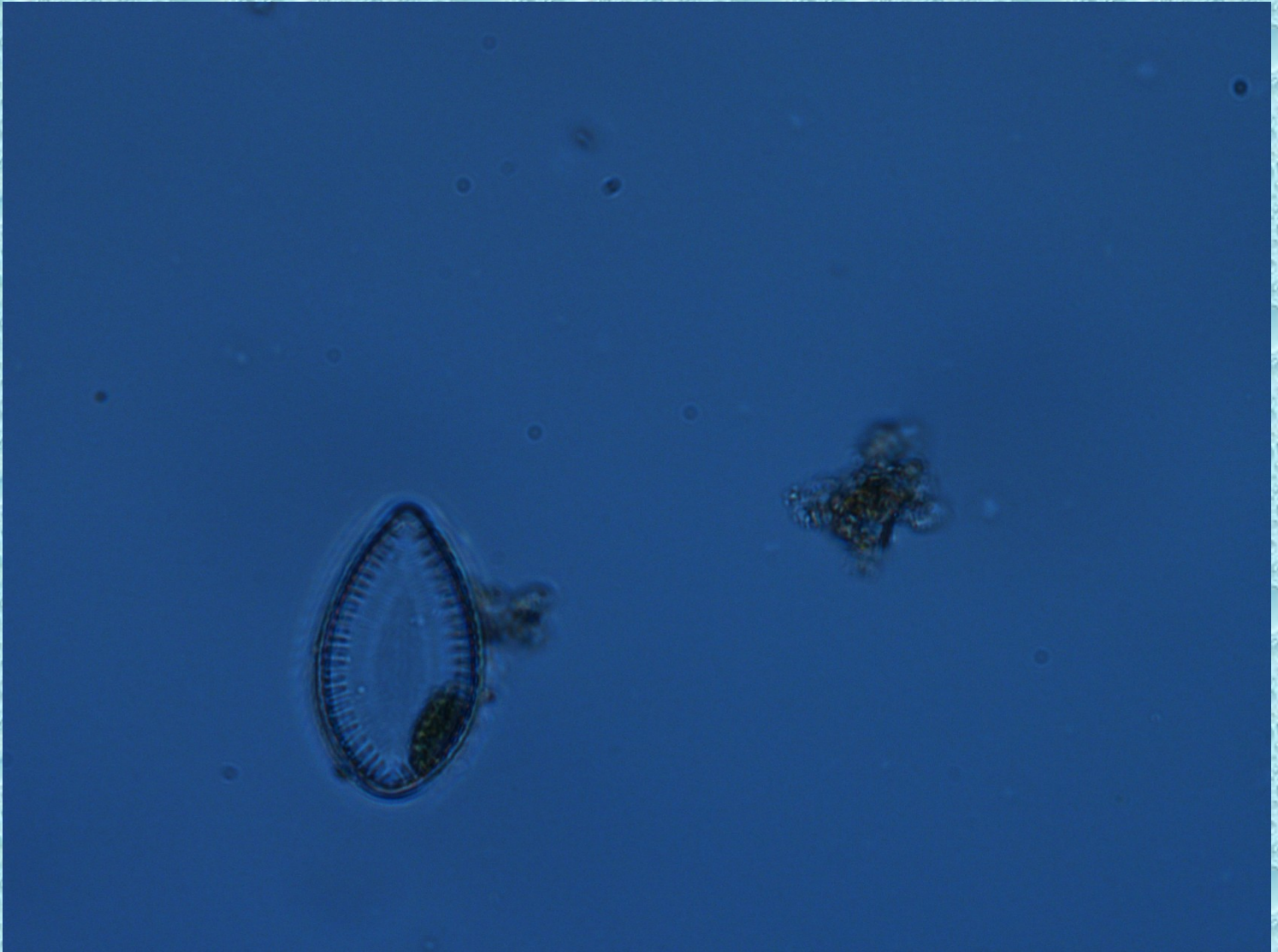
Cocconeis



Amphora

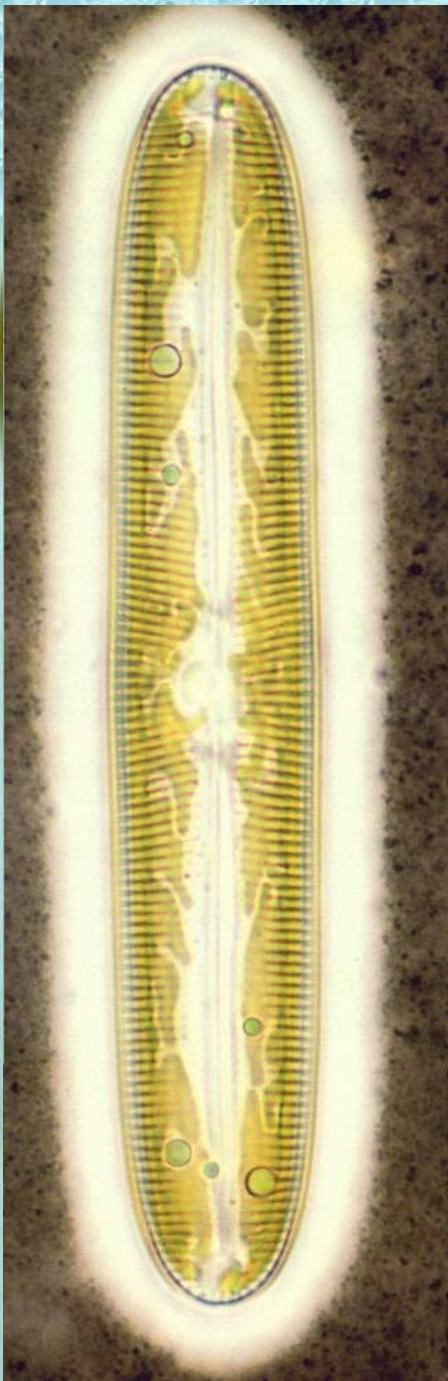


Surirella



Odd.: Heterokontophyta Třída: Bacillariophyceae
Podtřída: Bacillariophycidae Řád: Naviculales

Pinnularia sp.



Odd.: Heterokontophyta Třída: Bacillariophyceae
Podtřída: Bacillariophycidae Řád: Bacillariales

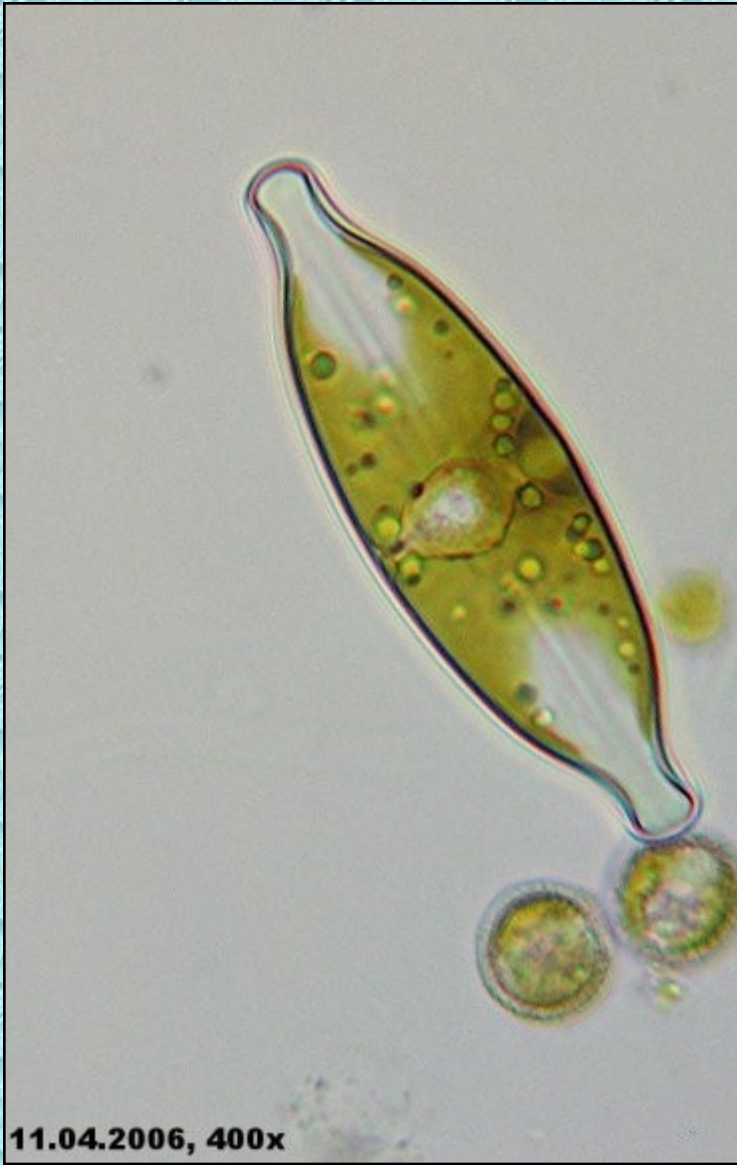
20 μm

Stauroneis sp.

11.04.2006, 400x

10 μm

07.08.02, 1600x



Děkuji za pozornost

