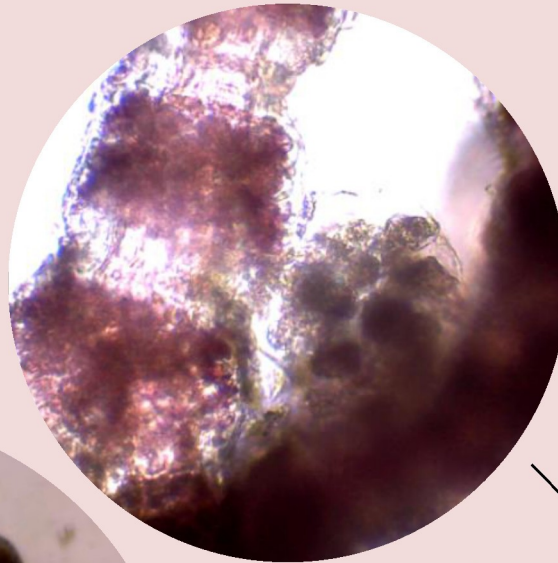
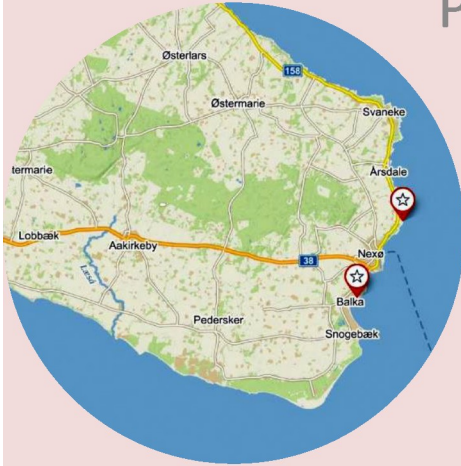
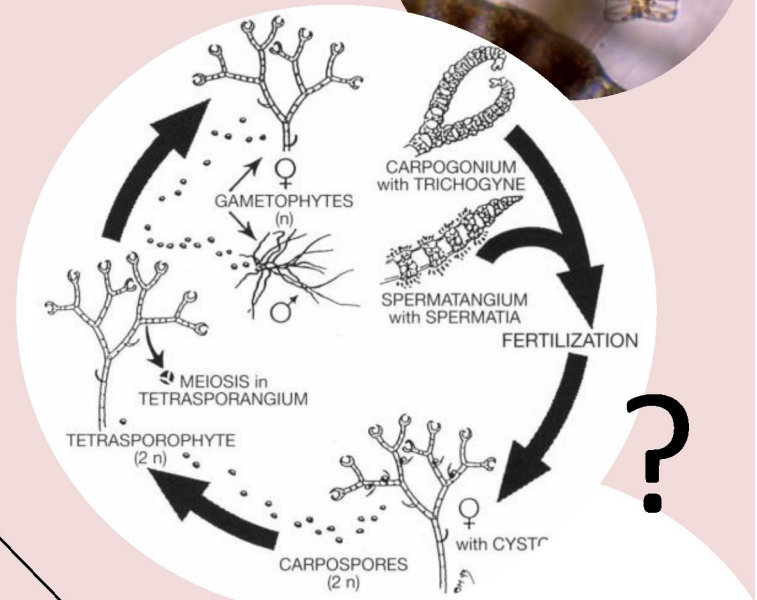


# Life cycle of the red alga *Ceramium tenuicorne*

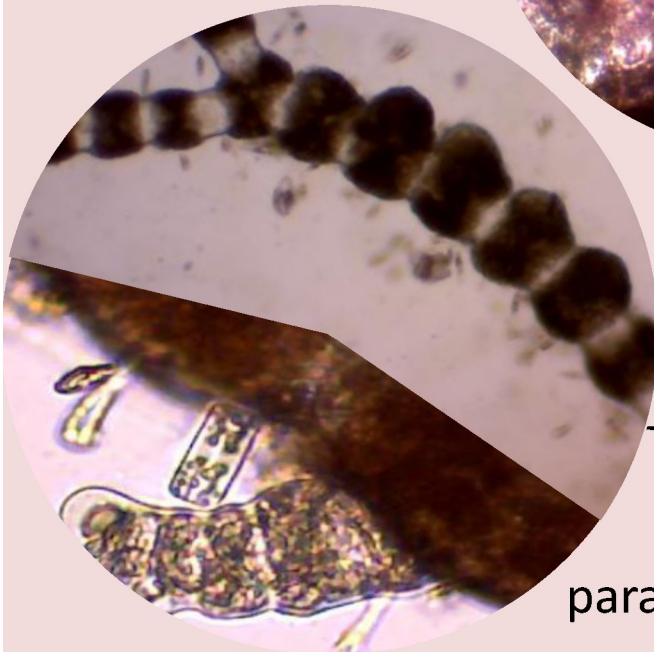
Presence of the life stages in populations from different depths



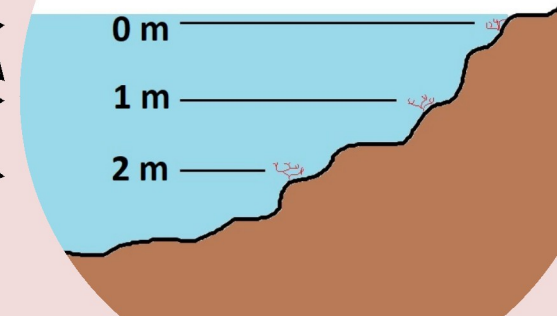
cystocarp



tetrasporangium



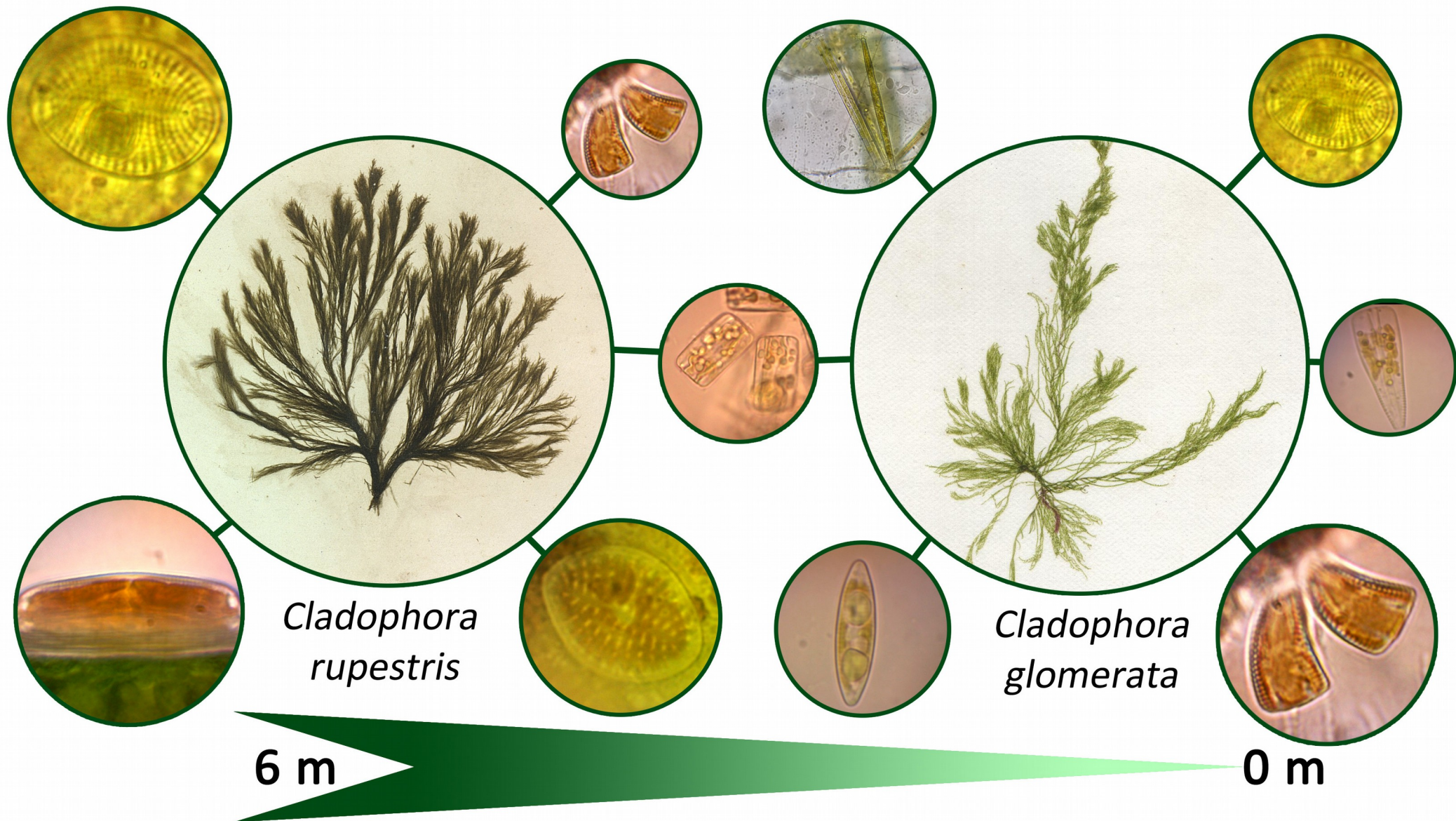
paraspores





# Epiphytic diatoms on two main genera of *Cladophora* in Bornholm littoral and sublittoral

Kateřina Glasnerová, Veronika Kantnerová, Terezie Očadlíková

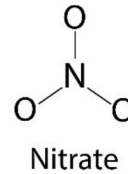




# Adventitious branches in the seaweeds *Fucus vesiculosus* and *F. radicans*



Petr Knotek  
Tereza Podobová  
Kateřina Tučková



Adventitious branches

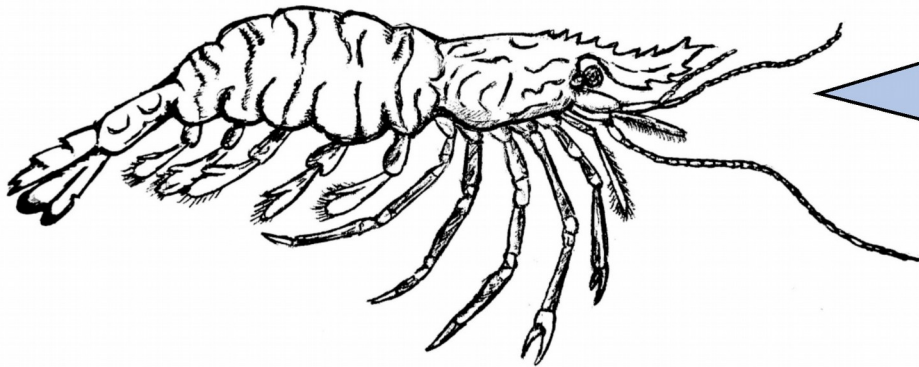


*Fucus serratus* ?



# Food preferences of prawns *Palaemon elegans*

Authors: Tadeáš Ryšan, Karolína Dobešová



I am also known as **rockpool shrimp** and I am one of in Baltic sea. I am **omnivore** – I eat algae, detritus and sometimes I also hunt some fish or other crustaceans.

We prefer *Cladophora glomerata* (1) but we absolutely love *Cladophora rupestris* (2)!



(1)



(2)

Here is your **baltic algae menu**. What do you prefer?

*Polysiphonia fucoides*



*Ulva*



*Furcellaria lumbricalis*



*Pilayella littoralis*



*Cladophora glomerata*



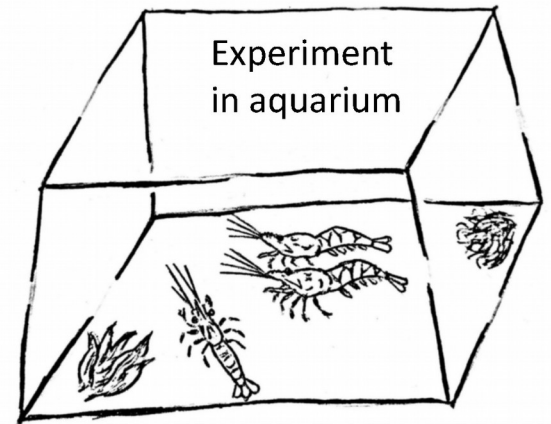
*Cladophora rupestris*



*Fucus serratus*



Experiment  
in aquarium

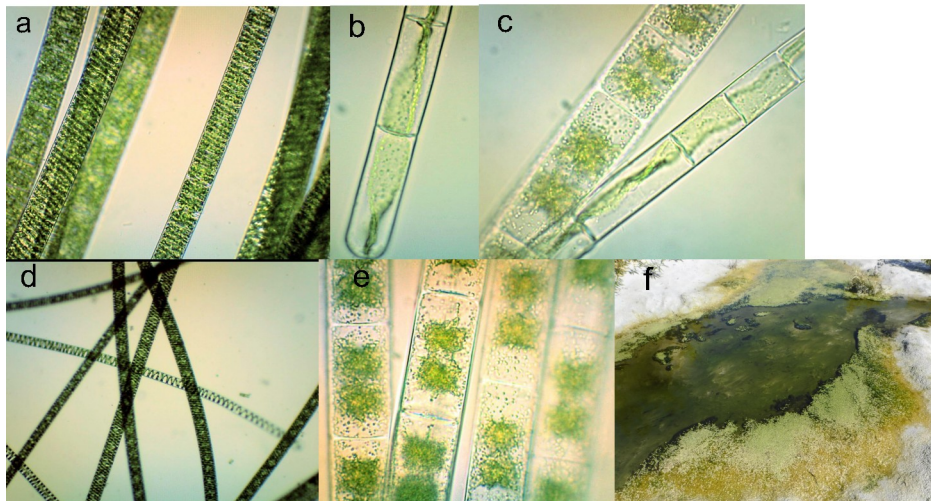




# Zygnematophyceae in the Baltic littoral and their occurrence dependant on salinity of coastal pools



Zygnematophyceae growths in coastal habitats near the small streams



Founded genera of Zygn.: *Spirogyra* (a,d), *Mougeotia* (b,c), *Zygnema* (c,e) and coastal habitat near the steam in Balka.



Ulvophyceae founded in the small tide ponds in Allinge

In coastal localities we identified three basic genera of Zygnematophyceae (*Spirogyra*, *Mougeotia*, *Zygnema*). The conductivity ranged between 260 and 1230  $\mu\text{S} / \text{cm}$ . Higher values of conductivity proved to be limiting for the occurrence of these algae. In the environment with higher conductivity, they were replaced mainly by *Urospora* and *Ulva*