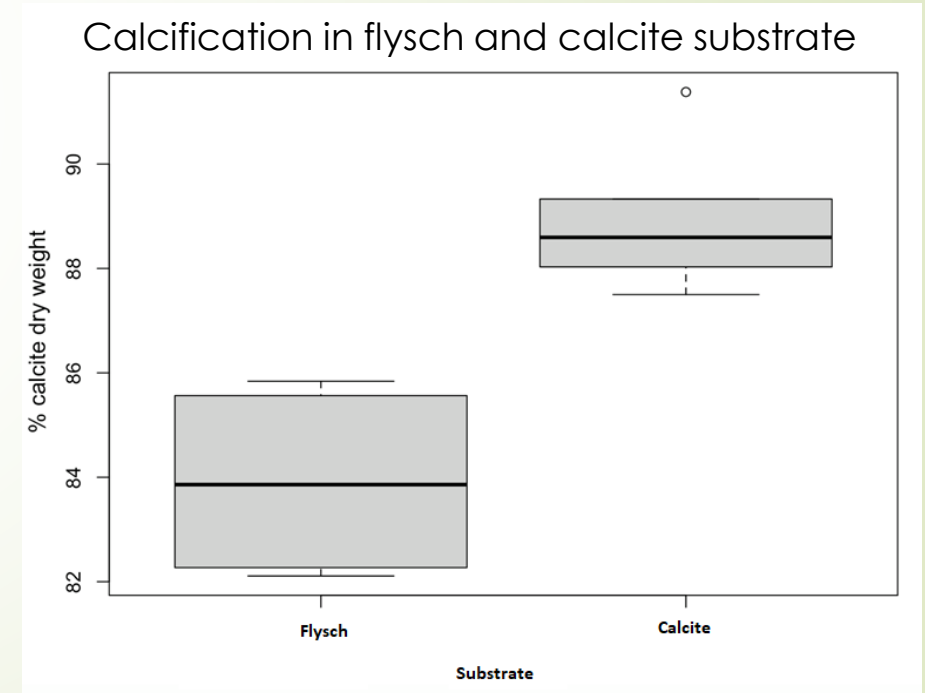


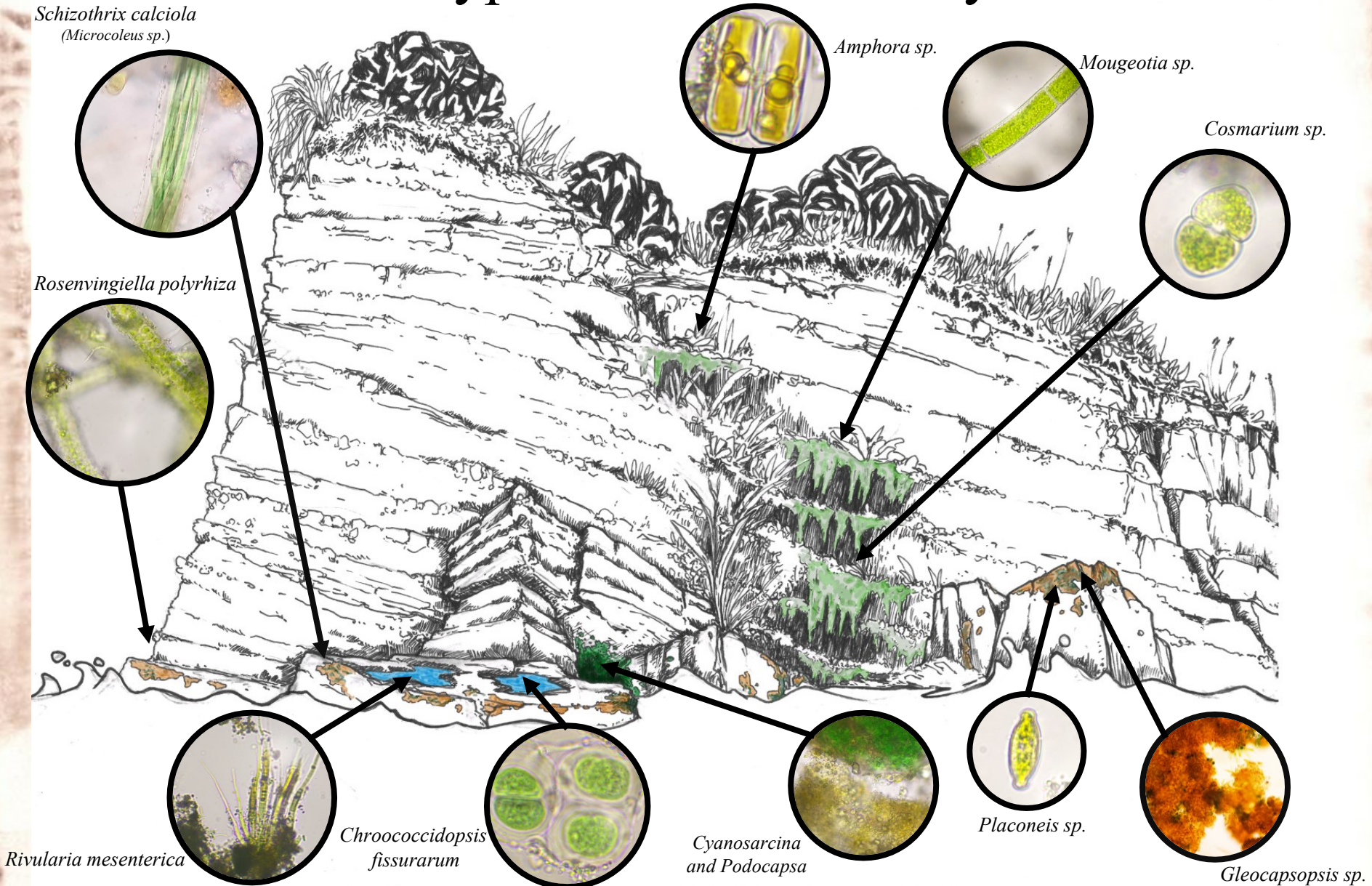
Factors influencing calcification in *Corallina officinalis* and *Jania virgata*

We investigated the effect of depth, location, and substrate on calcification in *C. officinalis* and *J. virgata*.

It seems that the biggest effect on calcification has the type of substrate. In contrast, no significant effect of depth was found. As expected, we observed a noticeable difference in calcification rates in the two species.

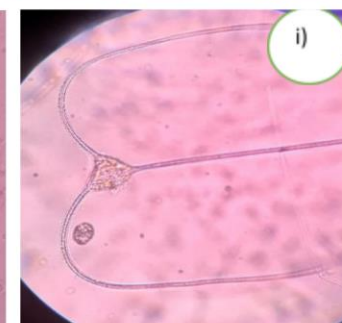
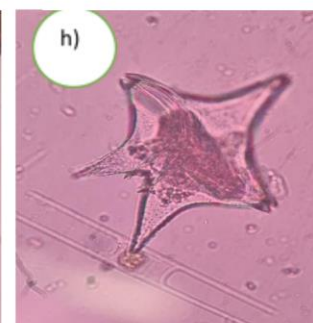
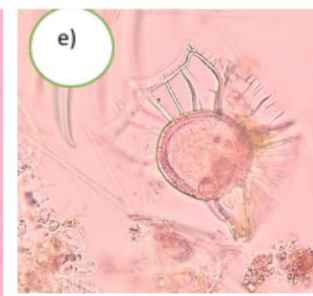
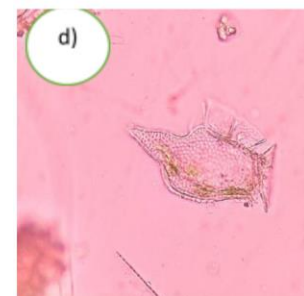
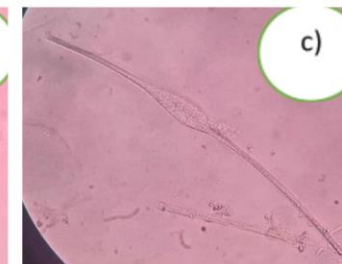
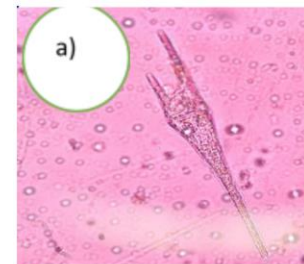
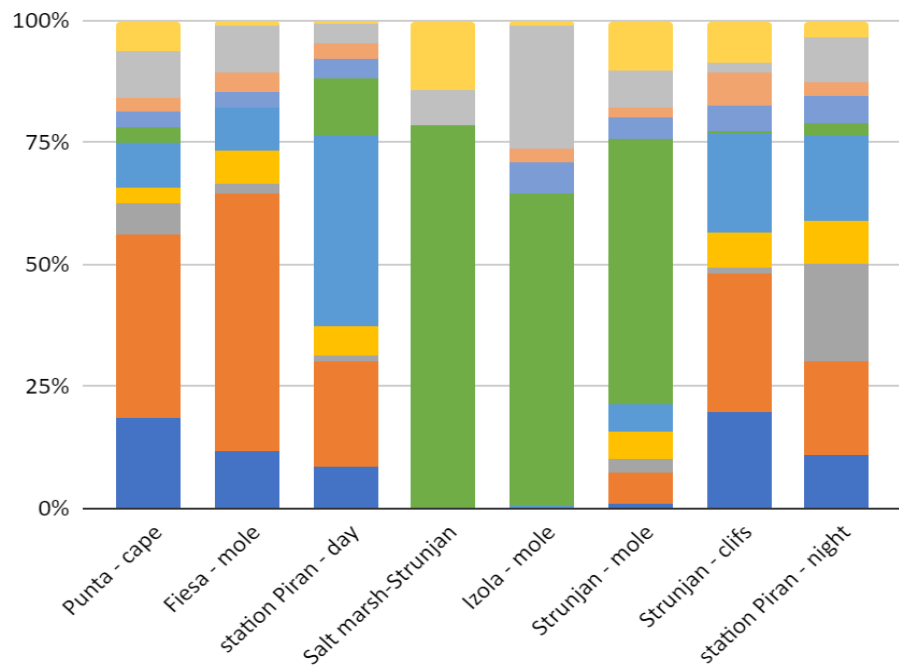
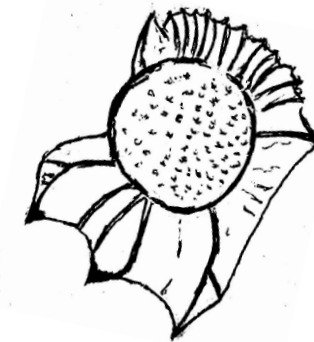
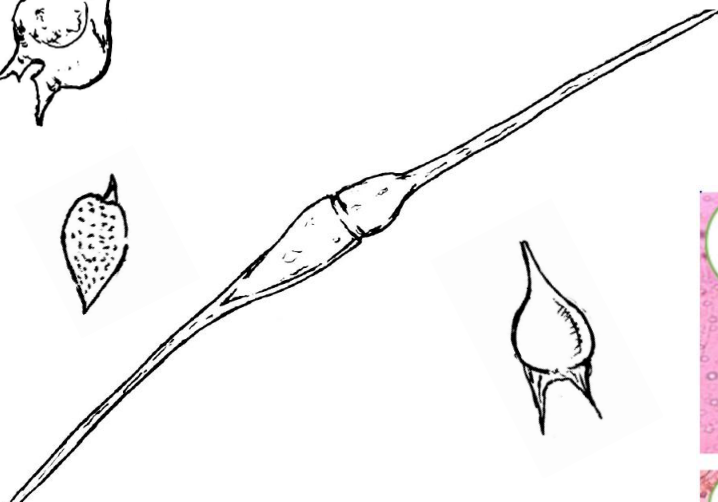
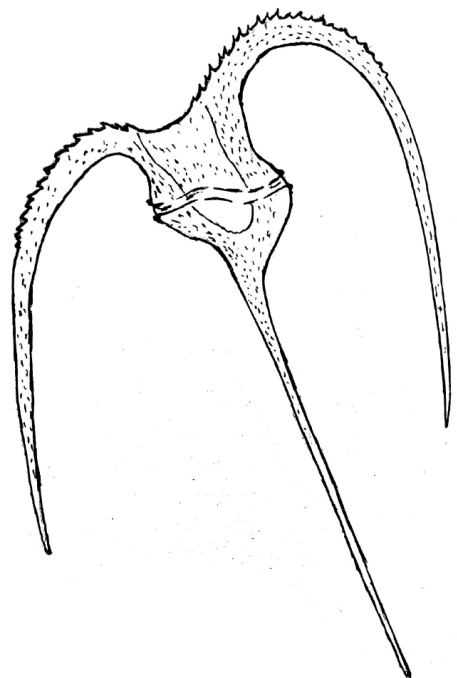


The species diversity of algae and cyanobacteria in different types of biofilm on flysch reefs



Diversity of Dinophyta plankton

Tadeáš Ryšan, Karolína Dobešová, Dagmar Budd



a) *Ceratium furca*, b) *Ceratium depressum*, c) *Ceratium fusus*, d) *Dinophysis caudata*, e) *Ornithocercus magnificus*, f) *Podolampas bipes*, g) *Ceratium trichoceros*, h) *Protoperidinium leonis*, i) *Ceratium massilliense*

Mapping the distribution of *Posidonia oceanica* in the Žusterna area



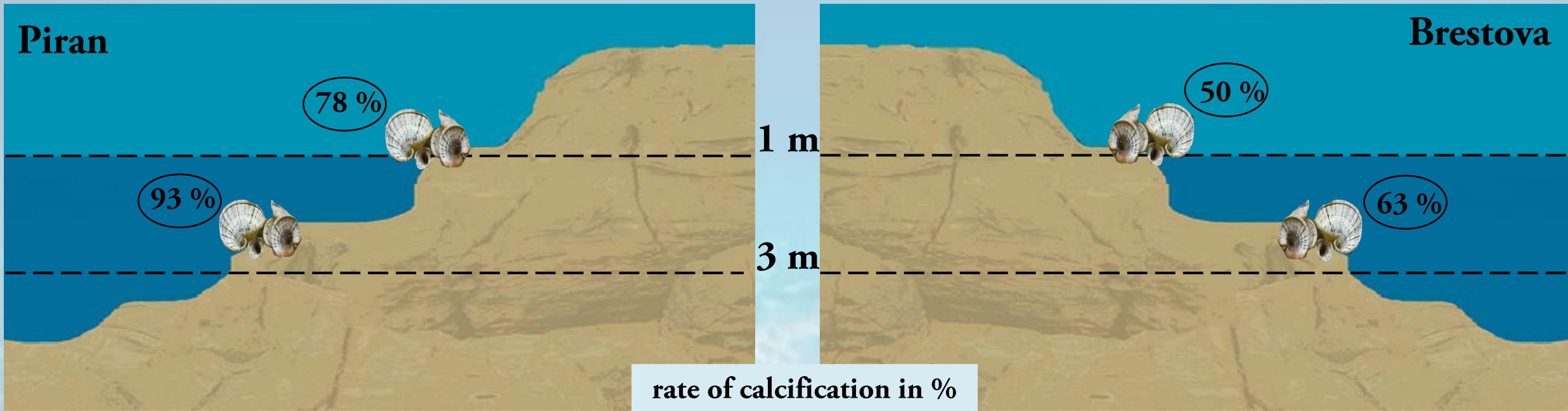
- Investigation of the northernmost known locality of *P. oceanica* in the Jadran sea and mapping the area and borders of this niche.
- Distribution of this endemic seagrass species of the Mediterranean Sea has been impacted greatly by anthropogenic cultivation and climate changes recently.

P. Oceanica distribution



Calcification of *Padina pavonica*

Kateřina Glässnerová, Veronika Kantnerová, Jan Ráček



Make your own agar!



Pterocladia



Laurencia



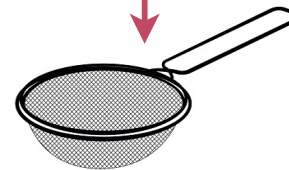
sun-dry for 5 hours



soak in fresh water overnight

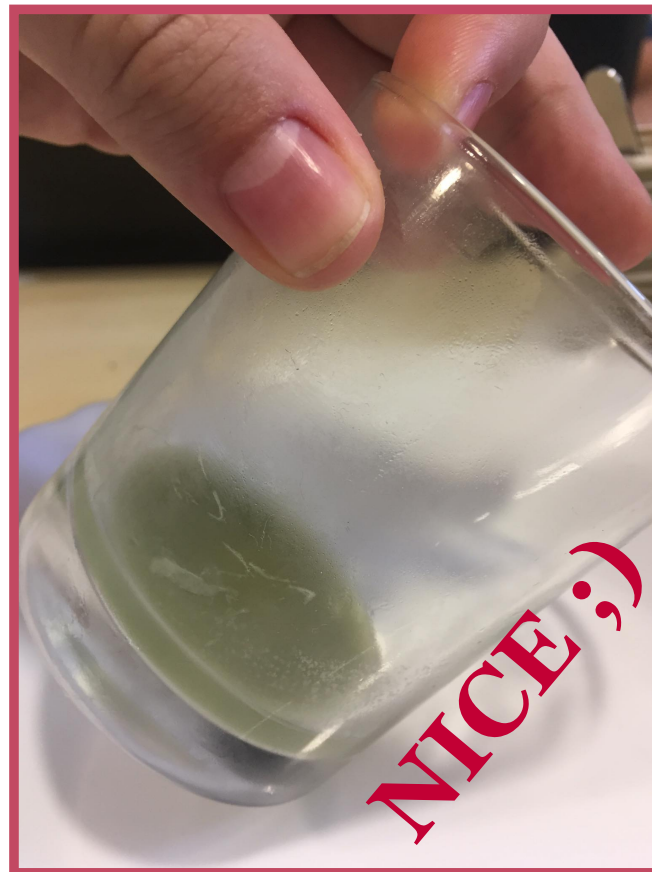


pressure cook for 2 hours



puree through a strainer

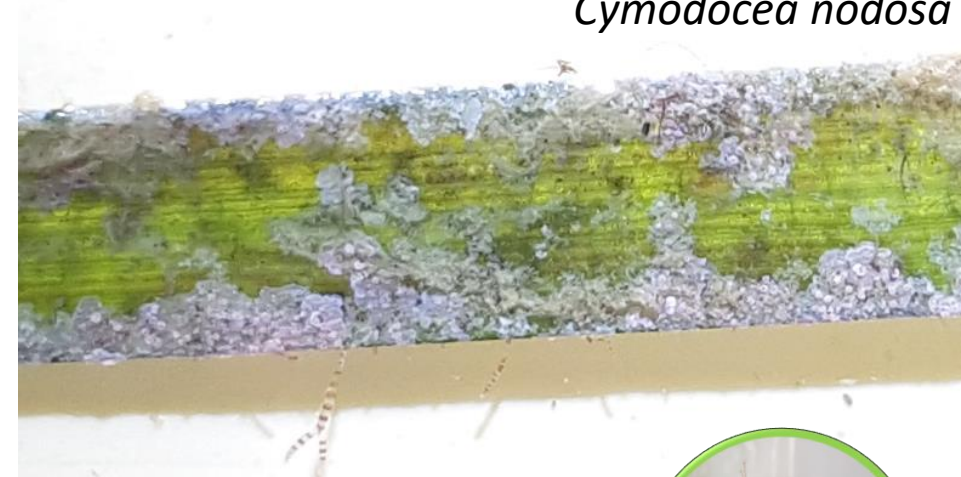
AND LET IT GEL!



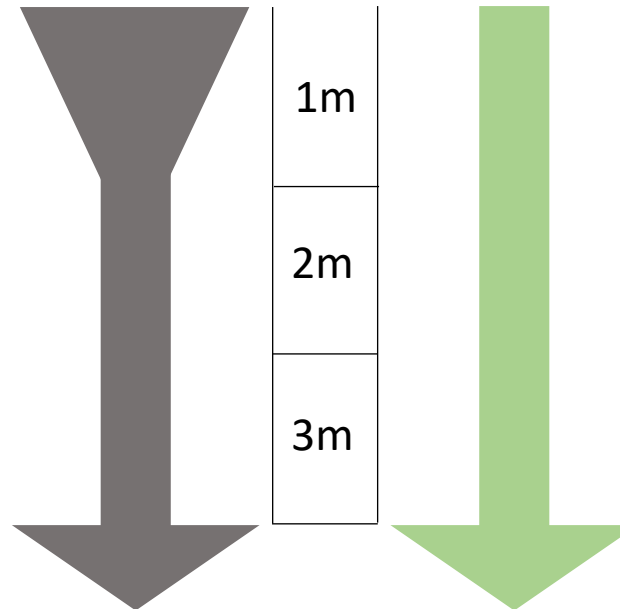
Seagrass epiphytes

Kateřina Plasová, Martina Foučková, Fedor Maximov

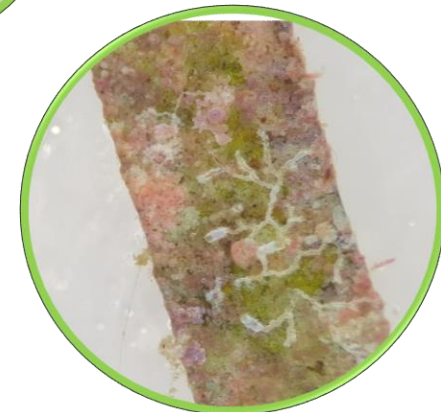
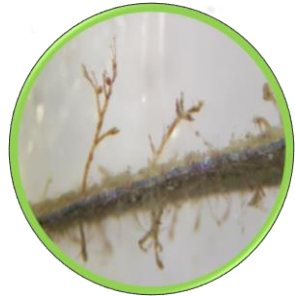
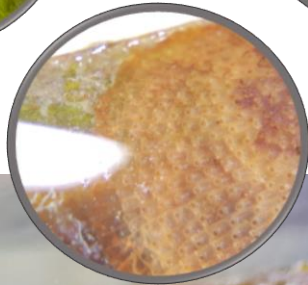
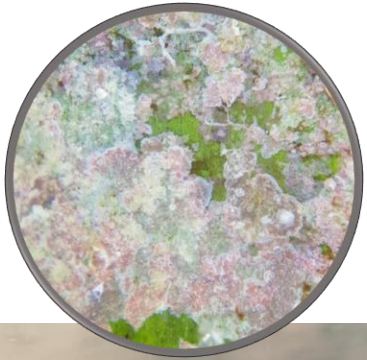
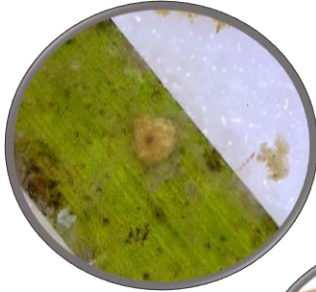
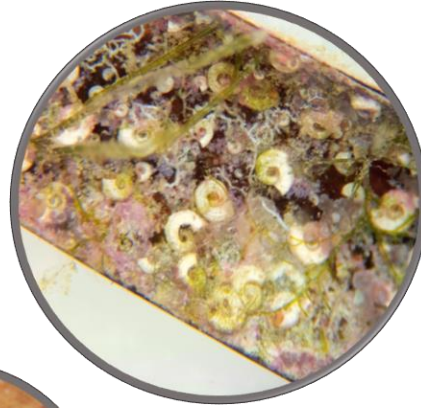
Cymodocea nodosa



Amount of organism in depth

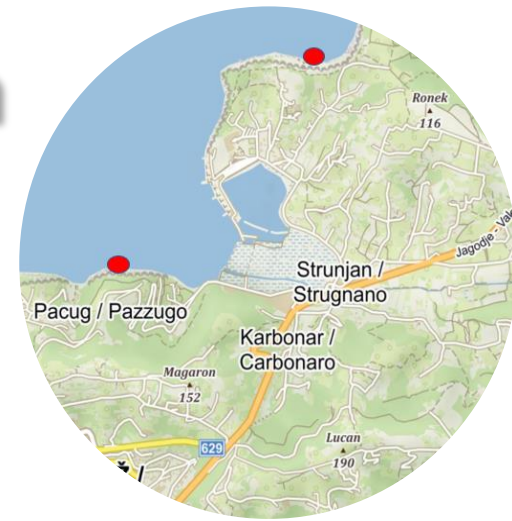


Posidonia oceanica

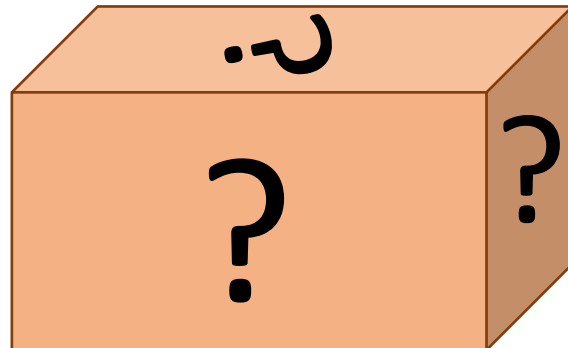
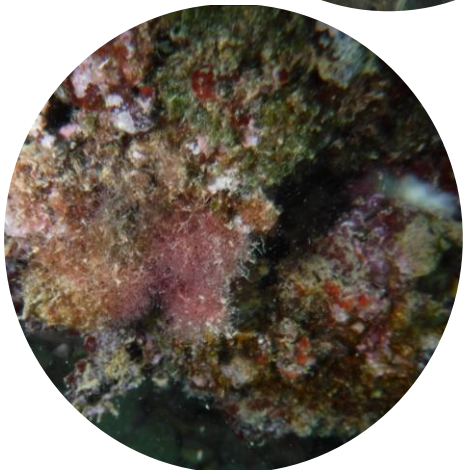
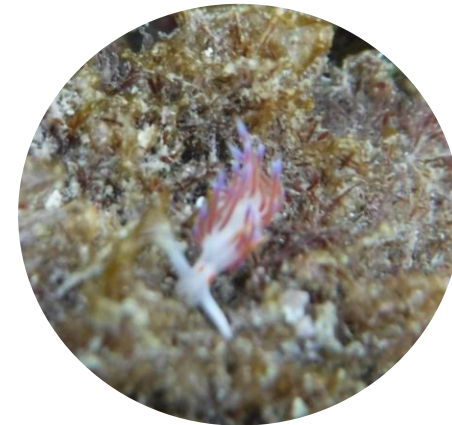
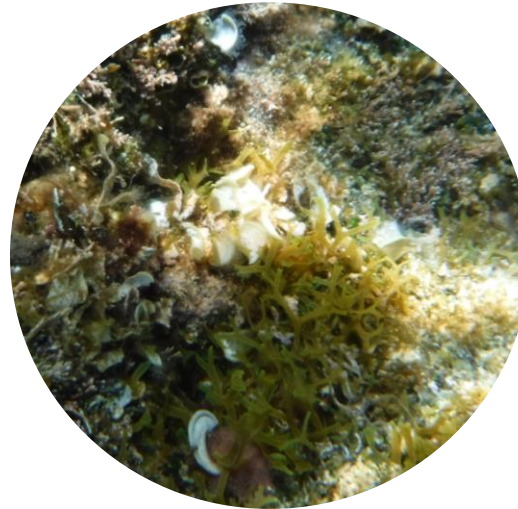
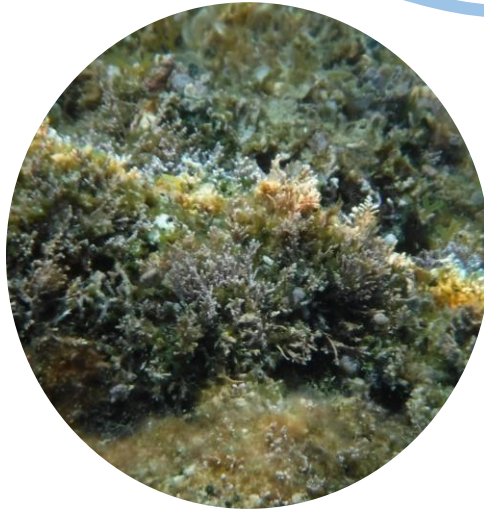


Large stones in the upper sublittoral as a microcosm of algal communities

Jana Schmidtová Kačka Tučková Iva Jadrná



upper sublittoral, 8 + 8 flysch stones
totally 31 genus/ groups



Sides of the large isolated stones slightly differs,
but the top side is the most distinct - more disturbed and
with less species than vertical sides.