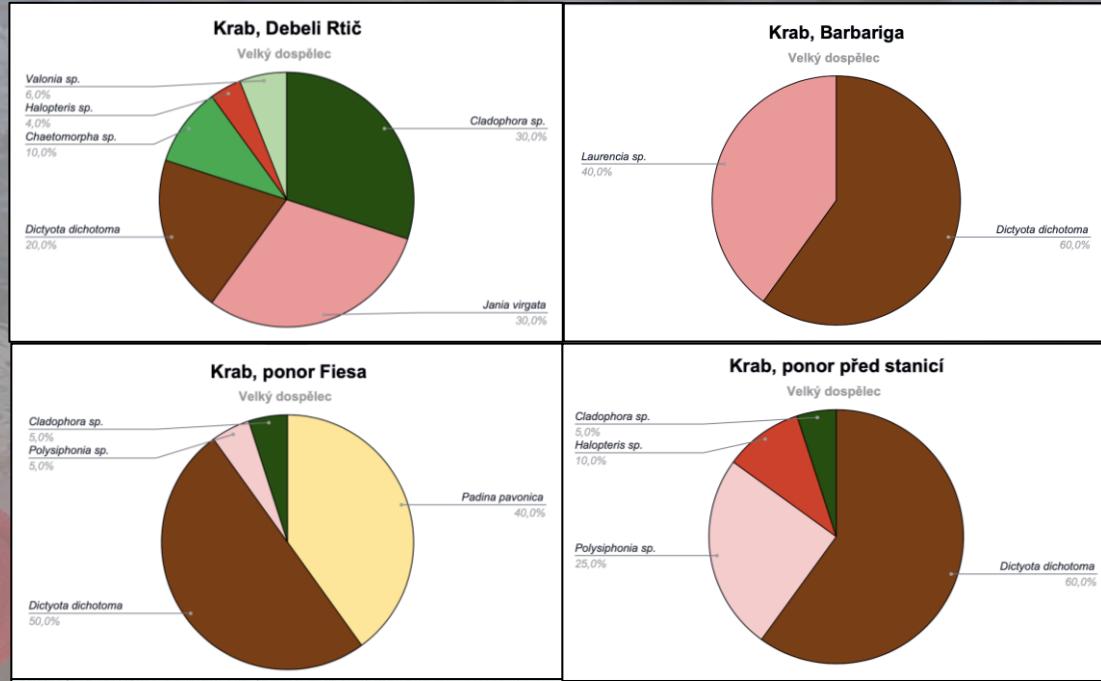


# O řasách a krabech

Anaïs Dix, Dominika  
Dbalá a Jan Fiedler

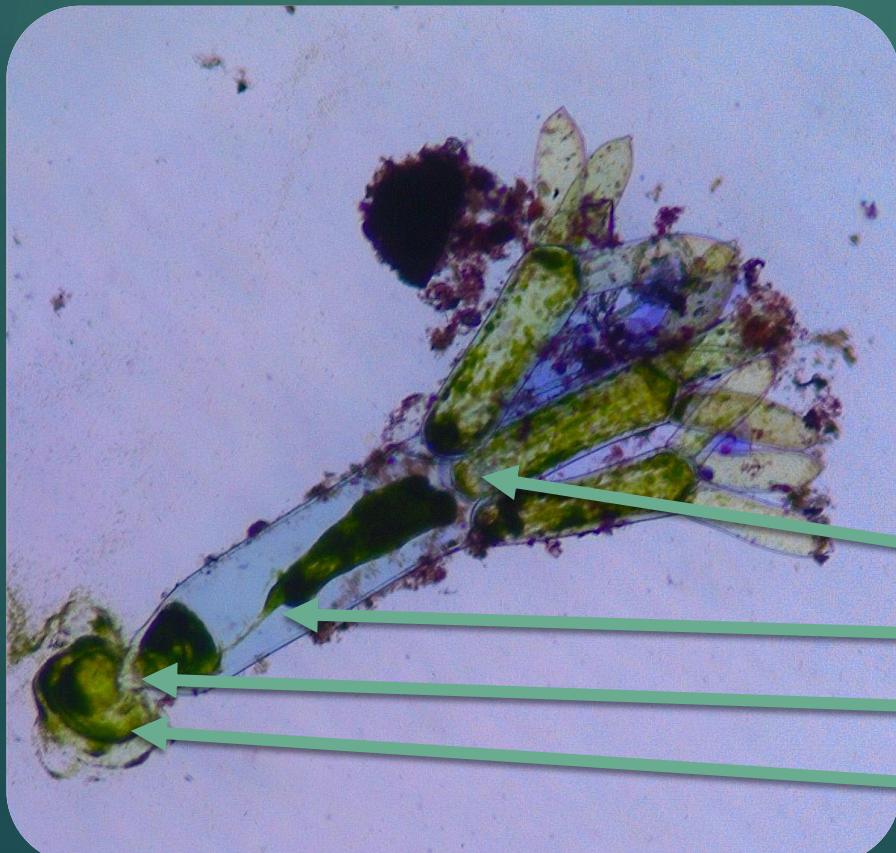
- Krabi z čeledi Majidae na séty svého karapaxu aktivně nasazují preferenčně makrořasy, které se nejlépe udrží, ne ty, jež jsou v okolí nejvíce zastoupeny
- Ruduchy kolonizují kraby zejména na spodní části karapaxu v místech, kam dopadá nejméně slunečních paprsků
- U krabů *Maja* spp. dochází k trade-off mezi dokonalým maskováním a rozpoznáním jedince svého druhu



# *Dasycladus vermicularis*

Morphology, distribution and repairing mechanisms

Václav Cedrik Belza, Jonáš Lis, Jiří Hermann, Kurz mořské algologie 2023, Piran



*Dasycladus happy! :D*

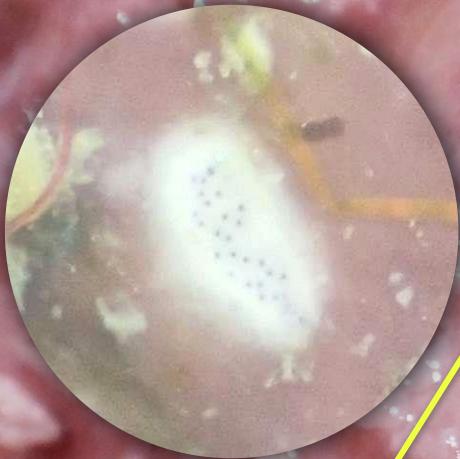


WOW! ONLY ONE  
CELL!! ONLY ONE  
NUCLEUS!!

- Separated branches
- Separated cytoplasm
- Plug
- Leaked cytoplasm



# DETERMINATION OF CRUSTOSE CORALLINE ALGAE



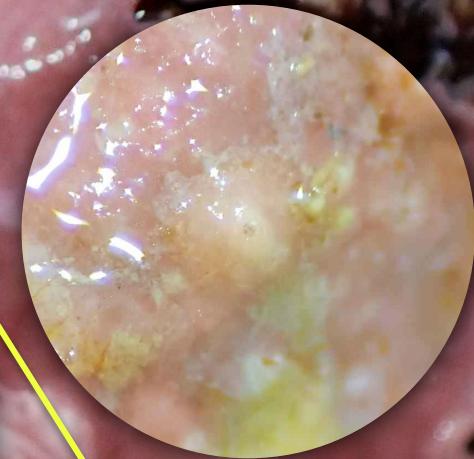
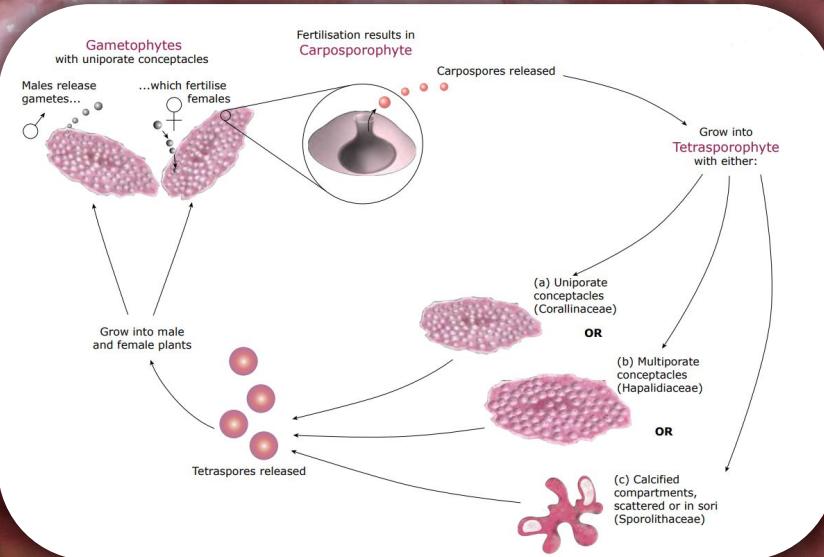
HAPALIDIACEAE



Basic determination requires dividing the algae into groups with uniporate and multiporate conceptacles.

Lithothamnion  
Phymatolithon

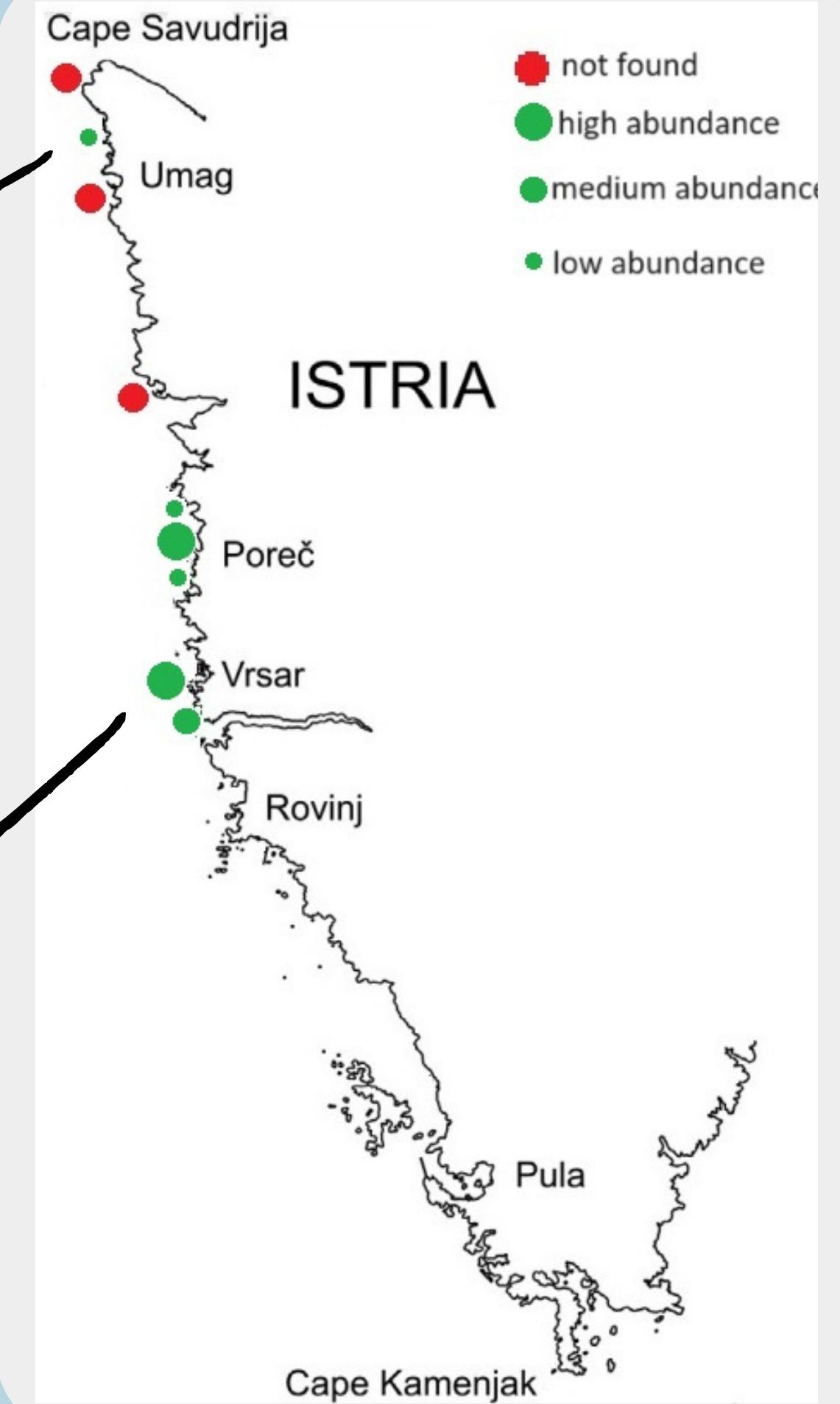
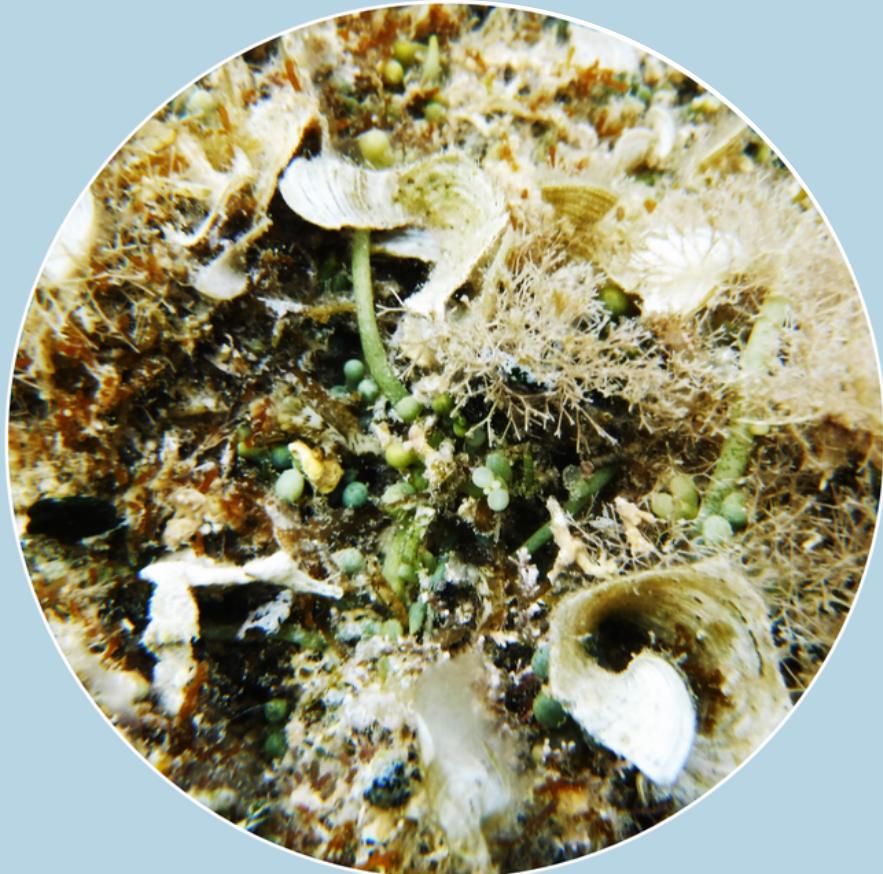
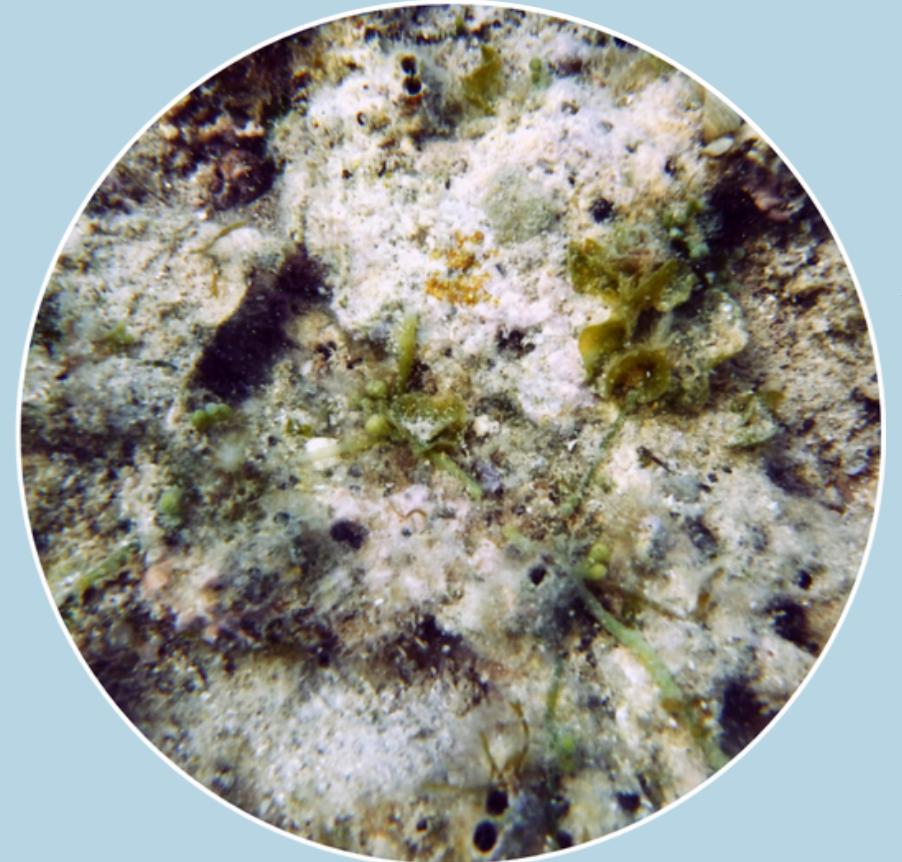
Lithophyllum  
Pneophyllum  
Titanoderma



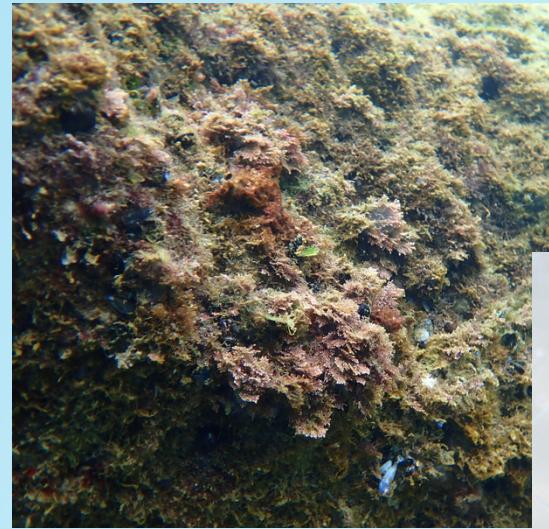
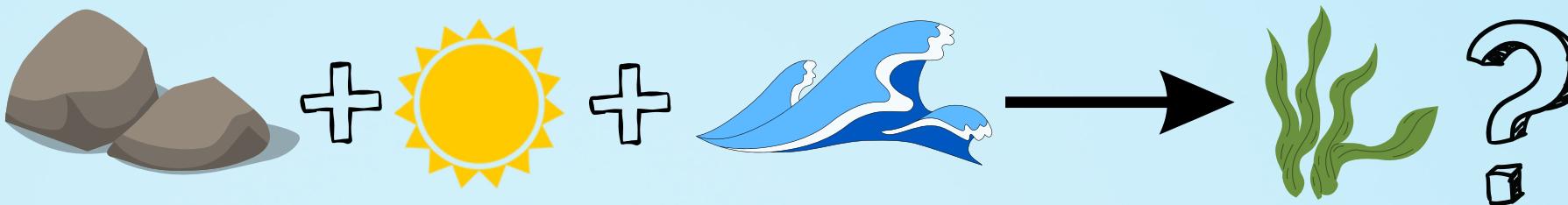
CORALLINACEAE

Uniporate conceptacle can be either tetrasporangium or gametangium.

# RECENT DISTRIBUTION OF INVASIVE CAULERPA CYLINDRACEA ON ISTRIAN COAST



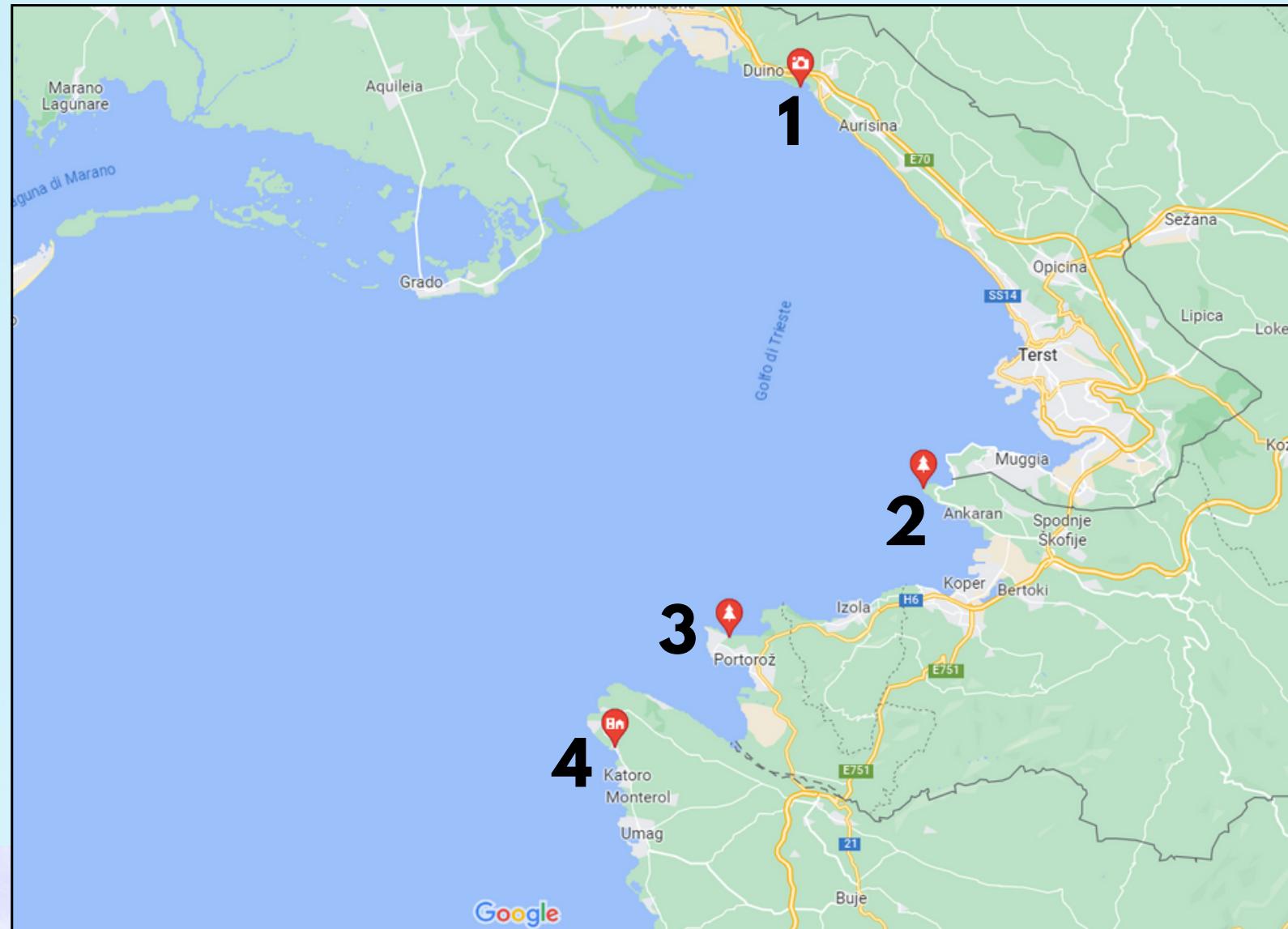
# SPATIAL DIFFERENTIATION OF MACROALGAE COMMUNITIES ON ISOLATED ROCKS IN THE UPPER SUBLITTORAL



**1. SISTIANA**



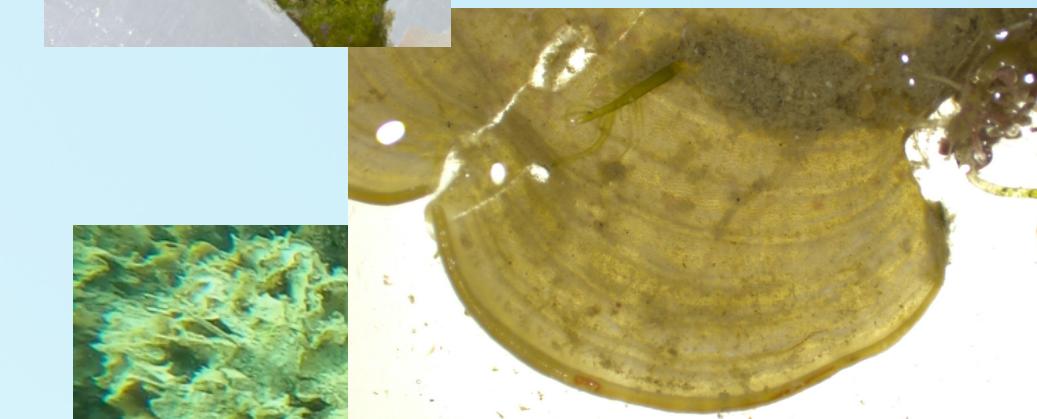
**4. ZAMBRATIJA**



Jana Hovorková  
Eliška Hrachová  
Tereza Nováková



**2. DEBELI RTIČ**



**3. FIESA**

# Epiphytic microalgae on *Padina pavonica* and *Jania virgata*

Research done by Martin Lehotský & Jan Šalé

Marine phycology course 2023 with

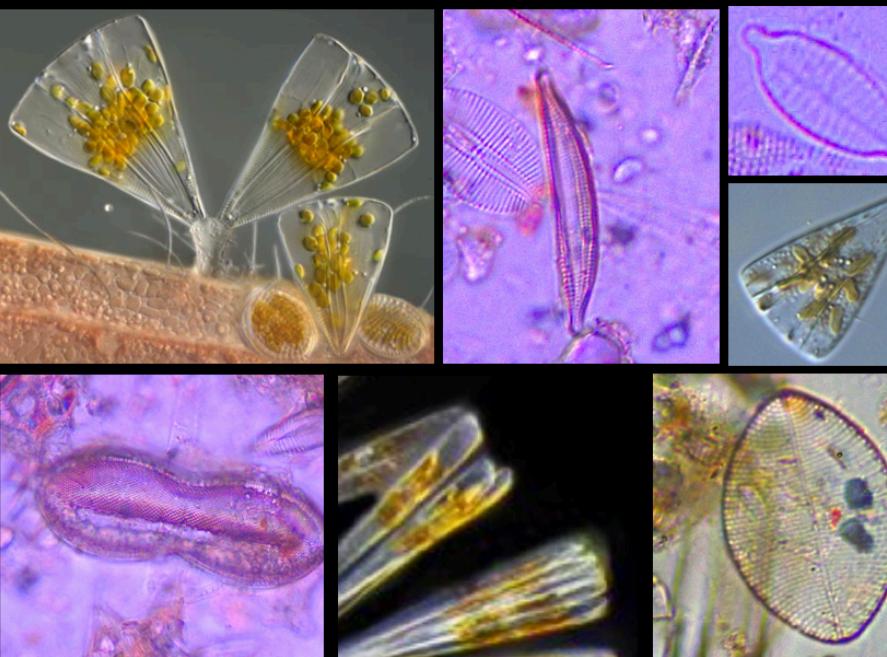
doc. RNDr. Yvonne Němcová, Ph.D

prof. RNDr. Jiří Neustupa, Ph.D.

Mgr. Jana Kulichová, Ph.D.

**Padina pavonica**

**Jania virgata**



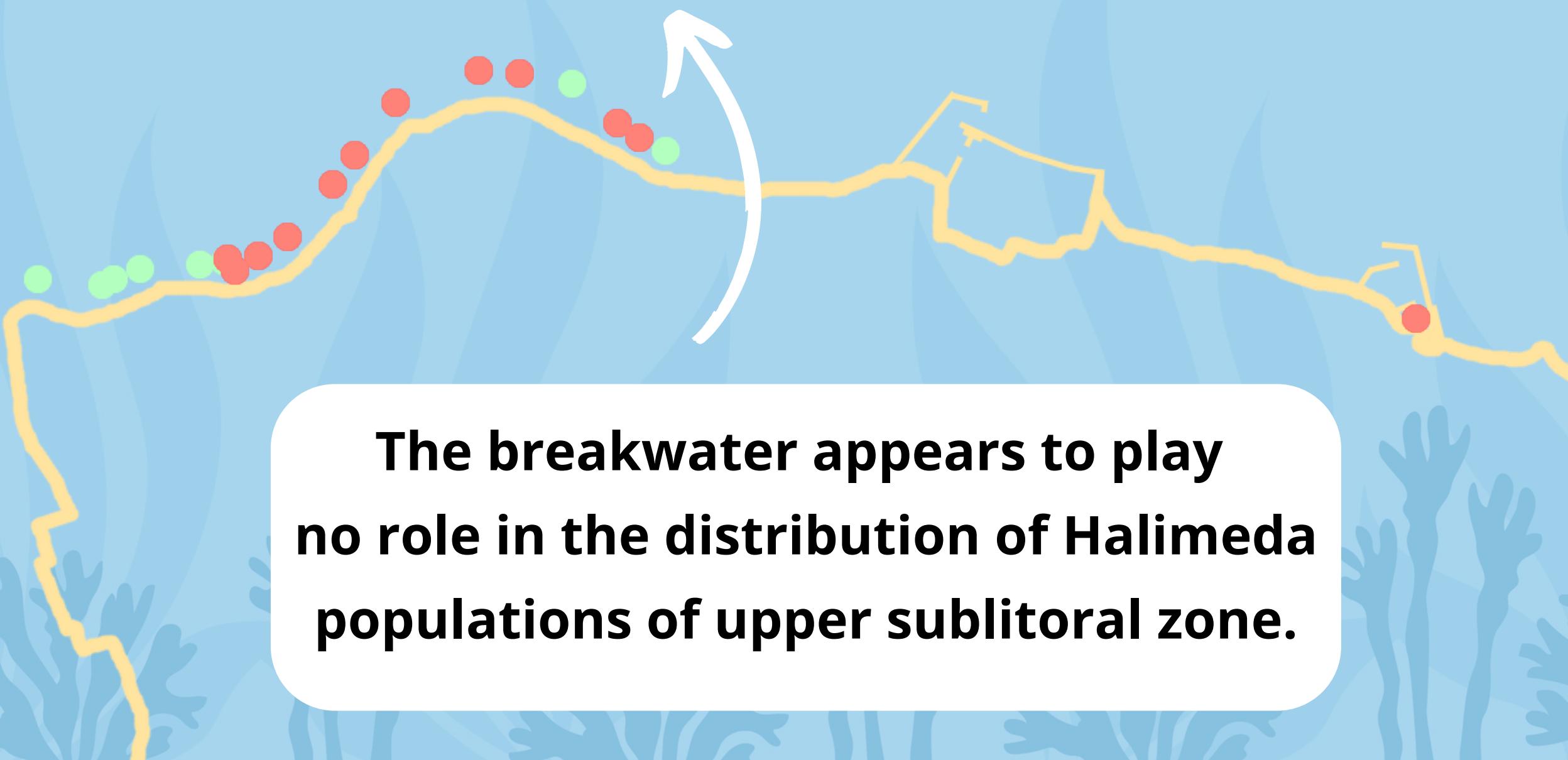
## Sample preparation step by step :



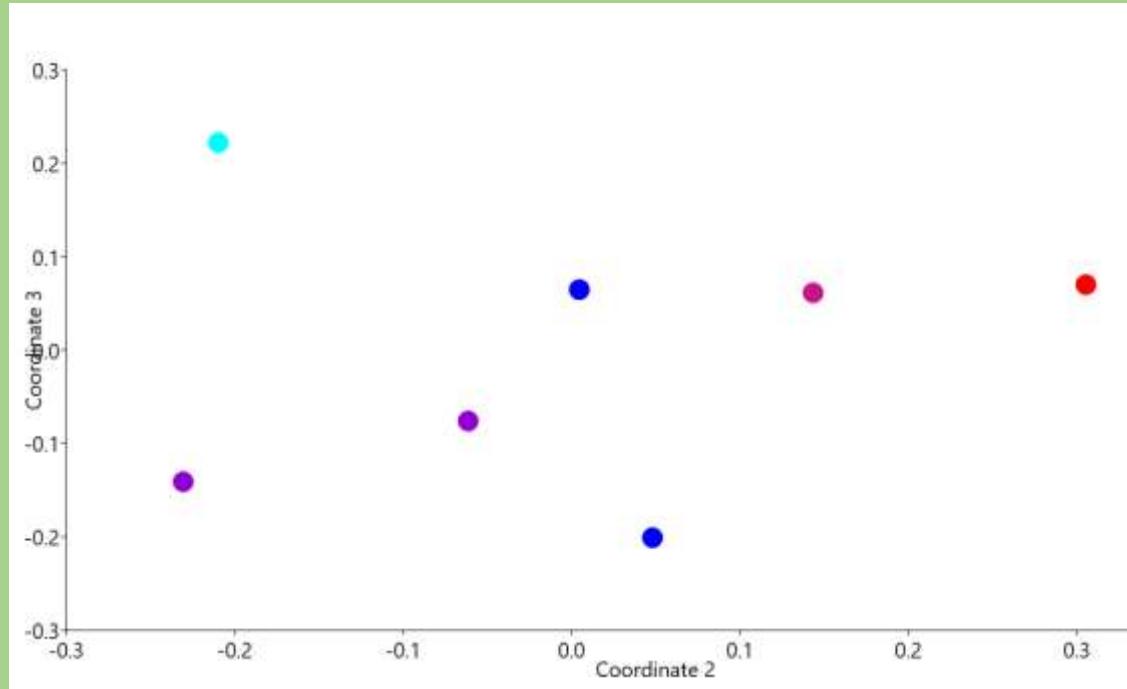
# MAPPING THE POPULATIONS OF HALIMEDA TUNA IN THE GULF OF TRIESTE



Bára Kučerová  
Martin Kivader  
Eliška Moťková



# Bioindicative significance of diatoms



The occurrence of diatom species changes according to the level of salinity (~conductivity) and other factors, however, some species are generalists.

Even in the locations with similar levels of salinity the heterogeneity was high.

Location	Conductivity [mS/cm]
Lake Fiesa	5
Saltpans Strunjan (II)	51,5
Sea (Fiesa)	59
Saltpans Seča (II)	71
Saltpans Strunjan (I)	76,5
Saltpans Seča (I)	100
Saltpans Seča (III)	182

