

# Progress report : Coralline algae



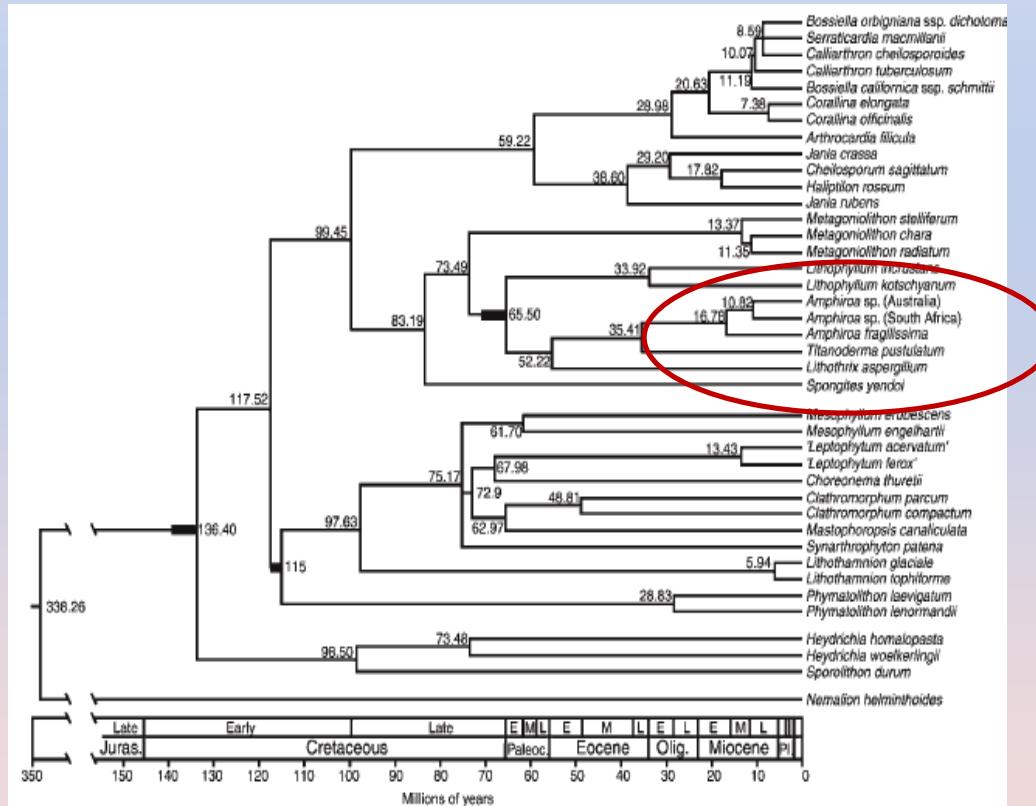
*ugr* | Universidad  
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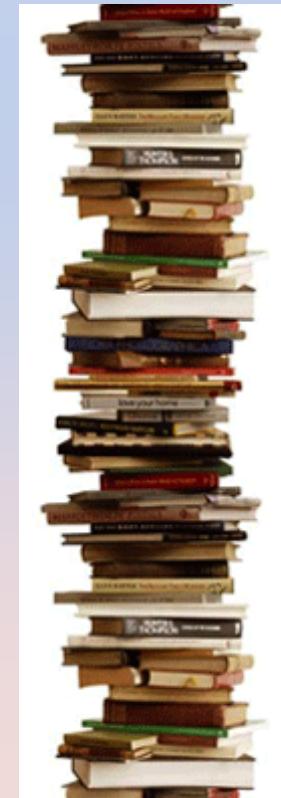
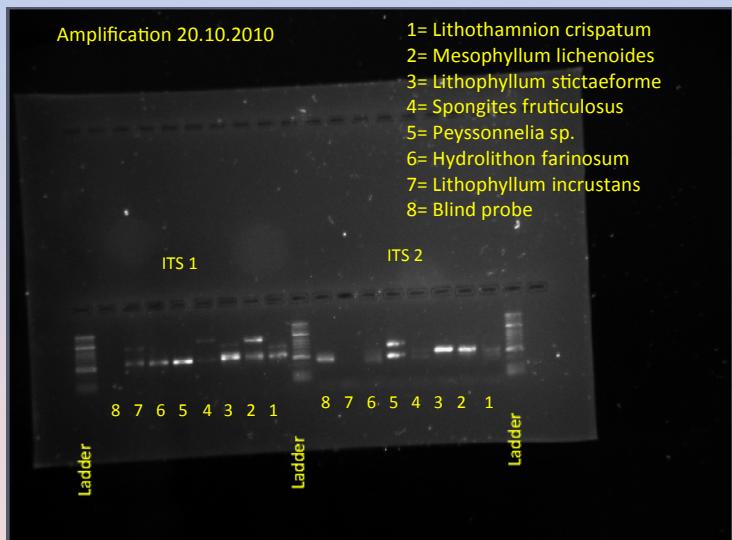
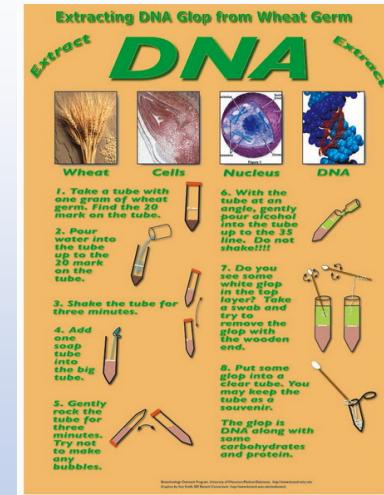
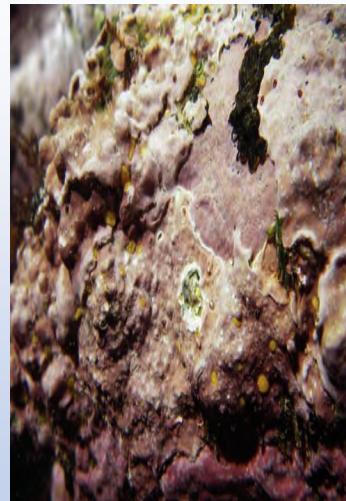


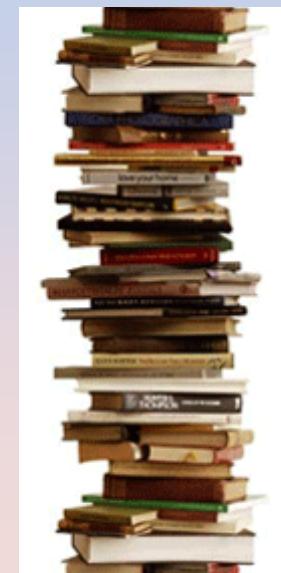
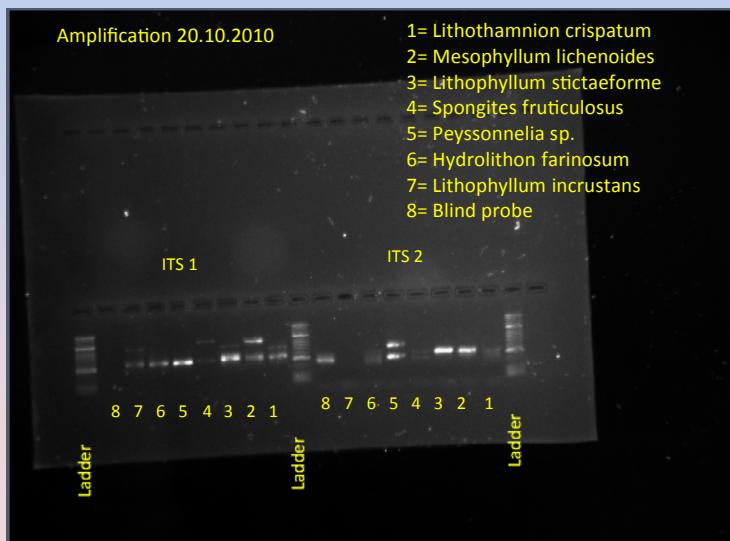
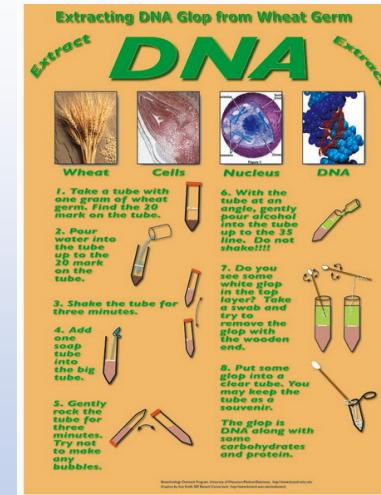
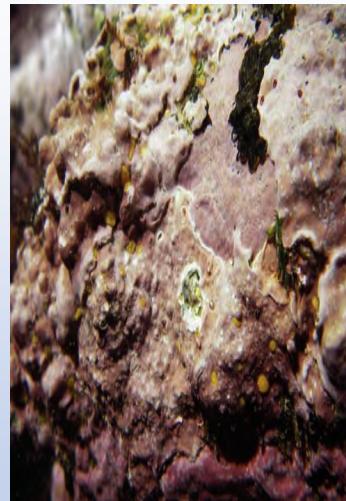
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# Short reminder

- Document the timing and patterns of the diversification of reef-building coralline algae in the Indo-Pacific







# Recent work

- Equipping genetic laboratory
- Stabalizing methodology of DNA extraction of recent algae with mediterranean species
- Experimenting further steps, also with herbarium material
- Studying important publications on taxonomy
- Coordinating sampling informations with stratigraphic pre-results

# Time - facies table / algae

# Time/occurrance table

# Conclusions

- Conditions set for intensive genetical analysis
- Pattern of facies where algae can be found
- Algae samples cover relatively small time span => Oligocene, Aquitanian and Serrevalian sites would be *completing*

# Next steps 2011

- Amplification of various genetic markers
- Sequenciation
- Continue studying taxonomy
- Collect recent algae in Australia
- collect more fossil algae of different stages
- When samples arrived:
  - Make thin sections
  - Taxonomical analysis
  - Fill up the time/occurrence table
  - Provide environmental information

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- Creating the Coralline Algae Scratchpad

# Thank you!

