

## Presentation of MAR-ECO Students

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**Degree:** Master`s Programme in Marine Biology – Marine Biodiversity

**Working title of project:** Phylogenetic analysis of Oplophoridae (Crustacea, Caridea) based on molecular data.

**Supervisor:** Endre Willassen (Natural History Collections, Bergen Museum)

**Summary of Project:** Oplophoridae is a family of deepsea-shrimps that consists of 74 species in 10 genera. The material being used in this project is MAR-ECO material from the Mid-Atlantic Ridge expedition in 2004. The material is stored at Bergen Museum and consists of 19 species within 7 genera.

The project aims to test the quality of different genes for molecular analysis on the family and identify the relationship between the different species with phylogenetic tools using these genes.