

Presentation of MAR-ECO Students

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Working title of project: An investigation of the large scale distribution patterns of mesopelagic biota in relation to the Mid Atlantic Ridge.

Summary of Project: By using the acoustic data collected with the 18 kHz transducer on R/V G. O. Sars, I will attempt to revile the behaviour of the mesopelagic fauna in terms of depth distribution and abundance. My main focus will be to study the effects the ridge impinge on the fauna, if conventional knowledge can explain these effect, and if there are other driving forces more important than simply the ridge topography. The results from the acoustic analysis will be compared with biotic and environmental samples to look for co-occurrence and potential ecological interactions.