



# Master project in Ecology:

## Effects of herbivore outbreaks on seed predation

Since 2013, the pedunculate oak *Quercus robur* are suffering from the outbreaks of the leaf miner *Acrocercops brongniardella*. It is known that, in other oak species, herbivory has a direct impact on seed production and the quality of acorns that are the food resource of acorn predators: the weevil *Curculio venosus* and the acorn moth *Cydia splendana*. In this project, we want to gain insight into the effect of herbivory on the seed predators, with a focus on two questions: How do herbivory outbreaks affect acorn quantity and quality? And how does this affect the preference and performance of seed predators?

The project work includes both fieldwork and experimental labwork.  
Many interesting learning opportunities are involved!

Start of the project: Summer or autumn 2019

INTERESTED? PLEASE CONTACT US!

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