

Vacancy for one student assistant

As part of the HEAVEN project (<https://www.uni-goettingen.de/en/698444.html>), we investigate the role of non-crop habitats in supporting carabid communities and the associated ecosystem services they provide (i.e., biological control of pests and weeds). We are looking for a motivated student who is interested in carrying out entomological field and lab work. In particular, we plan to collect carabids from agricultural landscapes, modify their nutritional status in the lab, and perform an overwintering experiment to assess how their nutritional status affect their survival.



Figure. *Carabus auronitens* and its overwintering habitat (© M. Ferrante).

Tasks: Carabids will be collected from the field using dry pitfall traps and brought back in the lab, where they must be kept alive during the duration of the laboratory trials. We will then emulate overwintering conditions in the field by placing one carabid in individual Tupperware at ca. 40 cm depth into the soil. The PhD student working in this project will record the survival rates in early spring.

Requirements: Experience with entomological fieldwork. Valid driving license. Fluency in English is an advantage.

Period: As soon as possible until the end of October. 40 hours per month.

Opportunities: You will support a PhD student and gain experience in entomological field and lab work. Particularly, you will learn how to operate pitfall traps, a common insect trapping technique, and how to perform nutritional trials with insects.

Contact: Dr. Marco Ferrante, marco.ferrante@uni-goettingen.de;
marleen.kraemer@uni-goettingen.de - Agroecology & Functional Agrobiodiversity,
University Göttingen

