

Bachelor or Master thesis opportunity

Nesting opportunities of ground-nesting wild bees in perennial flower fields

Wildflower fields are increasingly implemented as an agri-environmental measure. The establishment in agricultural landscapes can be beneficial for wild bees because they can offer a continuous supply of floral resources. However, wild bees are not only in need of foraging sites but also of suitable nesting sites. The aim of the thesis is therefore to analyze the nesting opportunities of ground-nesting wild bees in perennial flower fields. In spring 2025, we will visually locate and quantify nests of ground-nesting bees and set up mini-emergence traps in recently established flower fields.



Methods to be applied in the thesis: Your tasks will include the search for nests built by ground-nesting wild bees in perennial flower fields and the installation of mini-emergence traps over the nests, lab work to pin and identify the caught bees, data entry and statistical analysis with R.

Requirements: We are looking for a highly motivated BSc or MSc student who is interested in conducting field work. A driving license is needed, as is the willingness to work independently. Good data management skills with Excel are required as well. Experience with the identification of bees and knowledge of R are not mandatory but would be beneficial.

Period: Starting in March/April 2025.

If you are interested, please contact us for further details:

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