



Master thesis

Do small woody features modulate effects of agri-environmental measures on breeding birds?

In collaboration with the Michael Otto Institute at NABU (Dr. Jannik Beninde), we are offering a master's thesis as part of the F.R.A.N.Z. project (www.franz-projekt.de). The aim of the master's thesis is to examine the influence of hedges on the effectiveness of biodiversity-enhancing measures implemented in intensively cultivated fields throughout Germany.

The master's thesis will involve analyzing existing data on measures and field birds within the project. Data on the type and location of measures, as well as surrounding agricultural crops, are available. Additionally, sighting data of various bird species, especially typical birds of agricultural landscapes, which are more (e.g., corn bunting, yellowhammer, red-backed shrike) or less (e.g., skylark, pied wagtail, common whitethroat) dependent on hedges, are available.

Possible analytical approaches include comparing territorial numbers or sightings on hedges with or without reference to measures. Furthermore, the avoidance effect of hedges on open-country birds depending on measures nearby could be analyzed.

There is no additional fieldwork planned for this master's thesis. Therefore, the work can be conducted at any time of the year. Experience in GIS and bird breeding mapping is highly advantageous but not necessarily required.

If interested, please send a brief email outlining your motivation for the work and relevant background knowledge, especially in statistical data analysis and GIS, to Prof. Dr. Johannes Kamp, johannes.kamp@uni-goettingen.de