

# Animal Ecology

## Animal ecology is one area of zoology

Zoology studies consist of areas such as animal species and their taxonomic relations (systematics), animal distribution and abundance within their range (zoogeography), interaction between species, individuals and their environment (ecology) and whole animals as functional units (physiology). An ecologist most often operates with data gathered in the field; the data being either descriptive, inventory, comparative or experimental. Physiologists conduct experimental studies on the structure and function of animal tissues and organs, usually working in the laboratory. The different branches of zoology often overlap each other, and researchers must deal with a wide range of questions, for example, in the fields of ecophysiology, or ecological biogeography.

## The Animal Ecology research groups at Department of Biology, University of Oulu, Finland:

- **Population, conservation and evolutionary ecology**
- **Evolutionary and Behavioural Ecology**
- **Stream ecology group**

(we also have connections to groups in [genetics](#) , [animal physiology](#) and [plant ecology](#) in Dept. Biology, Univ. Oulu)

## Graduaiheita biologeille 2017

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Monenlaisen ekologiaan ja luonnonsuojelubiologiaan liittyviä graduaiheita, pääasiassa lintututkimukseen liittyviä --> Markku Orell, Seppo Rytönen, Kari Koivula