

The Recruitment Committee appointed by the Director of the Institute of Nature Conservation PAS in Krakow announces an open competition for the post-doc position in the project 2019/34/H/NZ8/00683: *The ecology of ponds in the context of human activity and geography – environmental DNA and beyond* funded from the Norway grants under the Norwegian Financial Mechanism 2014-2021 (GRIEG call within the Basic Research Programme operated by National Science Centre in Poland):

In:

Institute of Nature Conservation, Polish Academy of Sciences, Krakow, Poland

Principal investigator: Dr hab. inż. Szymon Śniegula,
http://www.iop.krakow.pl/pracownicy,102,szymon_sniegula.html

Research description:

Cities as 'heat islands' are often hot spots for alien invasive species that can drastically alter population dynamics of native species. In addition, natural stressors such as seasonal time and thermal constraints at high latitudes can strongly affect organism fitness. The aim of the project is to understand how anthropogenic and natural stressors: urbanization, native and invasive alien predators, and latitudinal gradient affect traits linked to fitness down to gene expression level in a common bluetail damselfly.

Requirements:

- PhD in biology, ecology or related field (PhD defence not earlier than 7 years before the year of employment in the project)
- An experience in using molecular methods to address ecological or evolutionary questions, with an appropriate publication track record
- Good working knowledge of R environment, including skills in statistical modelling
- Working knowledge of standard bioinformatics tools in the Linux environment
- Publication record including articles in leading ecological and evolutionary journals
- Fluency in English, written and spoken
- Valid driving license
- Involvement in work during irregular working hours (as field work and lab experiment require)
- Experience in field and laboratory work on aquatic/semi-aquatic vertebrates and/or invertebrates (preferably amphibians) would be an asset
- Experience in working in an international team would be an asset

Responsibilities and job description:

- Bioinformatics and statistical analysis of RNAseq data for estimation and comparison of gene expression level (in close collaboration with prof. Wiesław Babik, Institute of Environmental Sciences UJ)
- Running statistical analyses and writing manuscripts of scientific publications.
- Rearing experiment in climate chambers
- Measurements of life history traits
- Preparing field equipment and laboratory installations for experiments

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Norway grants

- Invertebrate (e.g. damselfly, crayfish) and vertebrate (e.g. fish, amphibians) field sampling for experiments, both in Poland and abroad
- Attendance in national and international conferences/workshops
- Participation in supervising MSc and PhD students

Conditions of employment:

- Contract of employment: full time for up to **18 months**, the contract is renewed each year
- Starting date of employment: **1 February 2022**
- Salary: monthly gross salary **8 300 PLN** (average wage in Poland: +/- 5 700 PLN gross)

This is an open call. The recruitment procedure will be conducted in accordance with the NCN regulations: [link](#)

Forms for submitting applications: via email with attached documents (file format: PDF); in the title of email please enter: 'post-doc' and your surname.

Required documents (combined in one PDF file):

- Cover letter
- Scientific curriculum vitae (including a list of publications)
- Scan of Doctorate diploma
- Contact details of two academics who can provide a reference.

Information on personal data processing is available: [here](#)

Applications should be sent via email to: dr hab. inż. Szymon Śniegula, ecopond@iop.krakow.pl

Selected candidates will be invited for an interview.

Deadline for submitting applications: 31 December 2021

Each candidate will be informed about the results of the call as soon as it is settled.

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