**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)
- Experience in field and laboratory work on aquatic/semi-aquatic vertebrates and/or invertebrates (preferably amphibians)
- 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 advanced skills in statistical modelling
- Working knowledge of standard bioinformatics tools in the Linux environment
- Publication record including articles in leading ecological and evolutionary journals
- Involvement in work during irregular working hours (during field work)
- Strong motivation for work in the project
- Fluency in English, written and spoken
- Valid driving license
- Experience in and enthusiasm for working in an international team would be an asset

**Responsibilities and job description:**
- Preparing field equipment and laboratory installations for experiments
- Invertebrate (e.g. damselfly, crayfish) and vertebrate (e.g. fish, amphibians) field sampling for experiments, both in Poland and abroad
- Rearing experiment in climate chambers
- Measurements of life history traits

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- Bioinformatics and statistical analysis of RNAseq data for estimation and comparison of gene expression level
- Attendance in national and international conferences/workshops
- Participation in supervising MSc and PhD students
- Running statistical analyses and writing manuscripts of scientific publications.

**Conditions of employment:**

- Contract of employment: full time for up to **24 months**, the contract is renewed each year
- Starting date of employment: **1 June 2021**
- Salary: monthly gross salary **8 300** PLN

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: 21 May 2021**

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

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