

Post-doc position

in SONATA grant (National Science Centre, Poland)

Interspecific competition for acoustic space in birds

The main question of the project is whether and how various bird species compete with each other as well as with other groups of animals for acoustic space? The project contains two parts. In the first part, whole-year soundscape recordings will be collected in three locations (boreal, temperate, tropical) to find potential competitors and theoretically describe possible mechanisms of competition. In the second part, playback experiments will be conducted to test more specific hypotheses. For more details visit the webpage of the Department of Behavioural Ecology (<http://behaecol.home.amu.edu.pl>), or contact principal investigator of the project (m.budka@amu.edu.pl).

Requirements:

- PhD in biology, informatics, acoustics, vibroacoustics or similar;
- Fulfills the formal criteria of the competition in particular section 2.1.1 (https://ncn.gov.pl/sites/default/files/pliki/2019_09_16_koszty_w_projektach_NCN.pdf);
- Experience in bioacoustics, especially in automatic species detection, song measurements and classification;
- Proficiency in R, Python, or other programming languages;
- Solid understanding of statistical principles;
- Fluent written and oral communication skills in English;
- High predispositions to work in the field, especially in harsh tropical, temperate or boreal conditions;
- Ability to work in a team and independently;
- At least one publication as the first author in an international peer-reviewed journal.

Job description:

- Cooperation with the research team;
- Recording of sound samples in the field;
- Planning and conducting playback experiments in the field;
- Preparing and testing scripts for automatic species detection and identification;
- Measuring song characteristics, calculating between-species song similarity index;
- Data analysing and presentation (scientific papers, conferences).

We offer:

- Full employment, 36 months contract;
- A position with 100% focus on research (no teaching obligations);
- Work at Adam Mickiewicz University in Poznań, in Department of Behavioural Ecology;
- Fieldworks conducted in primeval forests in Europe and Africa (2-3 months each year);
- Planned start of employment: January 2021 (may be changed if needed);
- Gross salary: 10 000 PLN per month. The net salary depends on the tax burden and social security contributions in Poland (i.e. depends, among others, on the candidate's country of origin).

Preliminary enquiry: email to the principal investigator - Michał Budka (m.budka@amu.edu.pl)

The formal application should be sent by email (m.budka@amu.edu.pl) by 30. 09. 2020, as a single pdf file including:

- Motivation letter;
- Curriculum Vitae;
- Contact to two potential referees (including your supervisor);
- A signed copy of a formal statement concerning the processing of personal data;
- A scan of a doctoral diploma.

The applications will be considered by a Selection Committee according to the regulations by the National Science Centre, Poland. During the recruitment process, the selected candidates may be invited for an interview. The result of the recruitment procedure will be sent to the candidates via email by 10 October. If none candidate fulfills all the formal and merit requirements, the enrollment will be prolonged.