



Olomouc 07.10.2026

The Dean of the Faculty of Science announces a selection procedure for the job position of

Postdoctoral Position in Insect Phylogenomics & Population Genomics

Research Field: Insect Phylogenomics & Population Genomics

Number of Posts: 1

Researcher Profile: Recognised Researcher (R2)

Department/Facility: Department of Zoology

Type of contract: Fixed-term contracts

Job Status: Full-time

Hours per Week: 40

Location: 17. listopadu 50, Olomouc

Offer Starting Date: by agreement

Department/Facility description

www.hormigas.mx

<https://zoologie.upol.cz/en/>

Job Profile

The primary focus of the position will be the analysis of insect molecular and genomic datasets from Melanesia and the South Pacific.

The candidate will work with existing datasets, including:

- Genomic and genome-scale sequence data
- Ultraconserved elements (UCEs)
- RADseq data
- Sanger sequence data, including multilocus and DNA barcode datasets
- Population-genetic and population-genomic data, including microsatellites

The research will address questions related to phylogenetic relationships, population structure, species and lineage diversity, biogeography, and the evolutionary history of tropical insect lineages.

The candidate will be expected to contribute substantially to bioinformatic and statistical analyses, interpretation of results, and preparation of manuscripts for publication. There will also be opportunities to develop additional research questions.

Requirements

- A completed Ph.D. in evolutionary biology, molecular ecology, phylogenetics, population genetics/genomics, bioinformatics, entomology, or a related field
- A demonstrated publication record in phylogenomics, molecular phylogenetics, population genetics/genomics, or insect systematics
- Strong practical experience with molecular sequence data and expertise in several approaches relevant to the position, such as genomic data, UCEs, RADseq, Sanger sequence data, and microsatellites
- Experience with population-genetic and/or population-genomic analyses and proficiency in



- relevant bioinformatic and statistical methods
- Ability to work independently and collaboratively within an international research team
- Good scientific writing and communication skills in English
- Previous experience with insects, particularly ants or other non-model organisms, is advantageous but not essential.

What we offer

The position provides an opportunity to join an international research environment focused on tropical molecular ecology, evolution, and biogeography.

The candidate will work with existing molecular datasets and biological collections from New Guinea and the South Pacific, ranging from Sanger sequence datasets to modern genomic datasets.

Palacký University is one of the major research universities in the Czech Republic. Olomouc is a historic university city with a large academic community and a relatively low cost of living compared with many Western European university cities.

Documents requested

A CV including a complete publication list

A brief statement describing their research background, relevant methodological expertise, and research interests

Contact details for 2 academic references

If you are interested in this position, please, fill in the contact form and attached the requested documents no later than 08.11.2026.

Contact person

Janda Milan, Mgr., Ph.D., milan.janda@upol.cz

Additional Information

The employer reserves the right, in exceptional cases, not to fill the position or to cancel the selection procedure without giving any reason.