

A postdoctoral position for 1+2 years is available at the University of Eastern Finland, Department of Environmental and Biological Sciences (Joensuu campus).

We are looking for a highly motivated person to conduct research on the macroevolutionary history of the hyperdiverse insect order Hymenoptera (sawflies, bees, wasps, ants, and parasitoids) in a new research project funded by the Academy of Finland.

The main duties of the Postdoctoral Researcher will be to:

- Develop protocols for successful DNA extraction and next-generation sequencing from insect museum specimens.

- Perform large-scale phylogenomic analyses of diverse hymenopteran groups using data collected by targeted capture and sequencing of ultraconserved elements (UCE's).

- Conduct statistical analyses of ecological trait evolution, phylogeography, and factors influencing diversification rates within the Hymenoptera, with a focus on the ancestrally plant-feeding (sawfly) lineages.

- Publish the results as high-quality articles in leading international scientific journals.

In addition to a suitable doctoral degree, the ideal candidate has a promising publication record and experience with the aforementioned laboratory and data-analysis techniques, but applicants possessing related skills and a proven ability to learn quickly will also be considered.

The work will be performed mainly in the Joensuu Molecular Ecology Group (www.jmeg.fi), which operates at the Department of Environmental and Biological Sciences of the University of Eastern Finland (

www.uef.fi/en/envbio

). Part of the laboratory work will be done during extended research visits to the laboratories of Brant Faircloth (Louisiana State University;

www.faircloth-lab.org

) and Niklas Wahlberg (Lund University;

www.biology.lu.se/niklas-wahlberg

). The project also includes extensive collaboration with an international network of experts on hymenopteran taxonomy, biogeography, and ecology.

The position will first be filled for one year, with a possibility for prolongation for two more years. The continuation of the position will be agreed separately. The start date of the position is 1 September 2016 or as agreed.

The salary of the position is determined in accordance with the salary system of Finnish universities and is based on level 5 of the job requirement level chart for teaching and research staff (euro2.865,30/ month). In addition to the job requirement component, the salary will include a personal performance component, which may be a maximum of 46.3% of the job requirement component.

The electronic application should contain the following appendices:

- Full CV, including names and contact details of two references

- list of publications

- copies of the applicant's academic degree certificates, and copies of certificates relating to the applicant's language proficiency, if not indicated in the academic degree certificates

- cover letter explaining past research, future interests, and motivation for applying for the position (max. 2 pages).

The application needs to be submitted no later than August 15, 2016 (by 24.00 hours Finnish time) by using the electronic application form (link below).

Link to full ad and electronic application form:

<http://www.uef.fi/en/uef/en-open-positions>

Direct link to full ad:

https://www.saimanet.com/certiahome/open_job_view.html?id=00002551&did=5600&:lang=en&jc=16&nav_from_open_jobs_view_new=true

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