



Postdoc in Community Ecology & Evolution

A two-year postdoctoral position (with possible extension) in eco-evolutionary dynamics of host-parasite communities is available on ERC-CZ grant in Jan Hrcek's lab [<http://lab.hrcek.net>] at the Biology Centre, Czech Academy of Sciences, Ceske Budejovice, Czech Republic.

How is species diversity maintained in communities is one of the main questions in community ecology and it has been studied without considering evolutionary changes. Yet, we now know that rapid adaptation often happens at the same timescale as ecological changes, resulting in entangled eco-evolutionary dynamics. We therefore need to find out what is the role of evolutionary changes in maintenance of diversity in communities and community stability.

The candidate will join the team working on a frontier ERC-CZ grant. This collaborative project utilizes a novel experimental community model system of wild *Drosophila* species and their parasitoids from tropical Australia. We are able to perform multigenerational laboratory microcosm experiments and track eco-evolutionary dynamics in fine detail. The candidate will conduct laboratory experiments on eco-evolutionary dynamics of communities, corresponding eco-evolutionary modelling, or both. Experience with ecological, evolutionary, or eco-evolutionary modelling is therefore an advantage. There is also possibility of fieldwork in Australia (likely to be possible in 2022 or 2023). Further, there will be opportunities to develop the project in a direction of the candidate's own choosing.

The laboratory is an international team of PhD students, postdocs and technicians and the applicant will have the opportunity to work extensively with other team members. The laboratory can provide substantial resources and support for exceptional research. Further, the candidate will collaborate within the PI's wide international network and establish new links for this project.

The review of applications will begin on **1st December 2021** and will continue until the position is filled. The salary of 60.000CZK/month gross + benefits more than comfortably covers living expenses in Ceske Budejovice and international holiday travel. Salary would increase if the applicant develops the project into a fellowship. Expected starting date is first half of 2022. The working language is English and applicants from all countries are eligible.

To apply please send one document with your CV, contact details for three references, and cover letter stating qualifications, previous work and motivation to Jan Hrcek [janhrcek@gmail.com].