

Post Doc position taxonomy and biodiversity of parasitoid wasps of the family Ichneumonidae (Hymenoptera) in South East Asia at Sun Yat-sen University, China

Post Doc position in taxonomy and biodiversity of parasitoid wasps of the family Ichneumonidae (Hymenoptera) in South East Asia.

Sun Yat-sen University, Guangzhou, Guangdong, CHINA

JOB DESCRIPTION

We are looking for a highly motivated person to perform research on taxonomy and biodiversity of parasitoid wasps of the family Ichneumonidae (Hymenoptera) in South East Asia. Most of the species inhabiting tropical areas are arthropods and great a majority of them are still waiting to be discovered and described. The tropics have been undersampled compared to the temperate zone, and the studies in the tropics have not embraced multiple collecting methods, time periods or habitats. Species accumulation curves and proportions of undescribed species per sample still suggest that a majority of tropical ichneumonid species are yet to be discovered.

The focus will be on ecologically diverse Ichneumonidae groups associated with the most divers insect group, beetles. Molecular species identification (DNA barcoding) methods will be used alongside the traditional morphological ones.

The work will be performed mainly in the Beetle Eco&Evol LAB (<http://beetlelab.wix.com/ecoevol>), which is led by Professor Hong Pang, and operates at the College of Ecology and Evolution, Sun Yat-sen University (www.sysu.edu.cn). The work will be supervised by Senior Associate Researcher Alexey Reshchikov. The project on Ichneumonidae fauna of South East Asia, which is lead by Alexey Reshchikov also includes extensive collaboration with an international network of experts on taxonomy of Hymenoptera and Coleoptera, and global biodiversity.

REQUIREMENTS

During the project, the Post Doc research associate will tackle main questions of biodiversity of Ichneumonidae in South East Asia with special emphasis on fauna on Southern China, as well as particular questions of taxonomy. Analyses will be based on specimen-level morphological and genotypic data. The work requires very diverse skills, including field sampling, laboratory work, higher taxa identification and samples sorting, use of bioinformatic pipelines, DNA barcoding, and writing research papers. Many of these skills will be learned during the project, but applicants should have a strong background in entomology or related fields.

The Post Doc position may be applied for by persons who is **younger than 35 years** and who hold a relevant **PhD degree** by the starting date of the position.

BENEFITS

The position will first be filled for 24 months. The chances of obtaining further funding should be good if things proceed as planned. The start date will be as soon as possible.

The salary of the position is determined in accordance with the salary system of The University and is based on levels of the job requirement level chart for teaching and research staff (CNY 120 000 – 160 000 / year).

THE UNIVERSITY

<http://www.sysu.edu.cn/2012/en/about/about01/index.htm>

FURTHER INFORMATION

For further information on the position, please contact Associate Researcher Alexey Reshchikov, alexey.reshchikov@gmail.com.

THE APPLICATION

The electronic application should contain the following appendices:

- a CV
- two recommendation letters
- a list of publications
- copies of the applicant's academic degree certificates/ diplomas, and copies of certificates / diplomas relating to the applicant's language proficiency, if not indicated in the academic degree certificates/diplomas
- cover letter explaining possible past research experience, future interests, and motivation for applying for the position (max 2 pages)