Postdoc Position in Ecological Genetics

A postdoctoral position is available in the research groups of Claudia Köhler and Adrien Sicard at the Linnean Center for Plant Biology in Uppsala to investigate the impact of mating type on the establishment and maintenance of species reproductive isolation.

The main focus of the project is to estimate the contribution of postzygotic hybrid incompatibility in limiting the gene flow between sympatric species. It will involve a combination of ecological genetics, genotype by sequencing approaches as well as common garden experiments and field studies to quantify the strength of different hybridization barriers between recently diverged species. The aim will be to determine to which extent postzygotic reproductive failure contributes to species isolation.

The position is associated with the research groups of Claudia Köhler and Adrien Sicard at the Swedish Agricultural University in Uppsala and the Linnean Center of Plant biology in Uppsala.

The applicant should have proven expertise in molecular genetics, ecological statistics and plant field biology. Prior practical experience in the analysis of large nucleotide sequence datasets and bioinformatic skills are assets. Excellent English communication and writing skills are expected. A PhD in molecular biology, genetics, or ecology is required. As postdoctoral appointments are career-developing positions for junior researchers, we are primarily looking for candidates with a doctoral degree that is three years old at most.

The project is funded by the Swedish University of Agricultural Sciences for initially 2 years with possibility for extension.

Applications, including CV with full publication list, a description of research experiences, a statement of scientific interests as well as contact information of two to three referees should be submitted by e-mail to: claudia.kohler@slu.se and adrien.sicard@slu.se.

The deadline for applications is 30th of November, 2018.