

1 PhD student in the research education subject: Animal Community Ecology

Beyond Moose: community ecology of Sweden's novel diverse ungulate communities

Sweden's ungulate communities have changed dramatically, resulting from introductions of non-native (e.g., fallow deer) and native ungulates (e.g., wild boar) and expansion of ranges northwards beyond historic distributions due to milder winters. We lack a comprehensive understanding of the functioning of these novel diverse ungulate communities in landscapes modified by humans. The Swedish EPA has funded our program "Beyond Moose" to increase this understanding and to move from single- to multispecies wildlife management. This also feeds into the international discussion on how to manage increasing ungulate communities throughout Europe and North America. The PhD will study trophic interactions among species, and effects on individual and population performance, for varying ungulate community compositions and along gradients of land use practices. The project combines field methods with state of the art DNA tools. Results will be crucial for finding trade-offs among competing ecosystem services such as game meat and recreation from hunting vs. fiber from forests and food from crops. The PhD student will closely collaborate with an advertised PhD position in the Governance project that focuses on social dimensions of multi-species wildlife management.

Qualifications

The applicant should have an MSc degree in Ecology or similar discipline. We are looking for a candidate that is prepared to combine extended field work periods with work in the lab (DNA analyses) as well as complex data analyses, such as bioinformatics. Documented skills in one or more of these three aspects are highly valued. The candidate should be fluent in spoken and written English. The candidate should be able to work independently as well as in a team. Experience in writing and publishing scientific papers is a plus.

Forms for funding or employment

Employment as PhD student 4 years

SLU is an Equal Opportunity Employer.

A person has basic eligibility for third level education if he or she has taken a second level qualification or has completed course requirements of at least 240 higher education credits, including at least 60 higher education credits at second level.

Those who met the requirements for general eligibility before July 1st, 2007, i.e. had completed a programme of higher education for at least 180 Higher education credits or the equivalent, will continue to do so until the end of 2015."

Selection among applicants meeting the requirements is made with reference to written application including curriculum vitae, copies of degrees and transcripts of academic records, one copy of the dissertation for masters or undergraduate degree, a list of at least two references familiar with the applicant's qualifications, certified knowledge of the English language and an interview.

Read more about the PhD education in [the Handbook for postgraduate students](#)

Read about the PhD education at SLU at www.slu.se/en/education/postgraduate-studies/

Use this [APPLICATION FORM](#)

Further information:

Joris Cromsigt, joris.cromsigt@slu.se,
Navinder Singh, navinder.singh@slu.se; Fredrik Widemo, fredrik.widemo@slu.se

Academic union representatives

SACO Lars Lundqvist +46 (0)90 786 84 07
SEKO Inga-Lis Johansson +46 (0)90 786 82 10
ST Hans Åkesson +46 (0)90 786 83 42

PhD-student commissioner

Nina Almgren, 018-67 15 60,
nina.almgren@slu.se

Applications, marked with **ref no SLU ua 2343/2015**, must have arrived at the Registrar of SLU, P.O. Box 7070, S- 750 07 Uppsala or registrator@slu.se no later than **2015-07-26**.