

Postdoc in Insect Chemical Ecology
The Pheromone Group, Department of Biology
Lund University, Sweden

Application Deadline: April 1, 2015

Start date: May 1, 2015 or as soon as possible

Website: <http://www.biology.lu.se/research/research-groups/pheromone-group>

Qualifications

Candidates should hold a Ph.D. in a relevant field of biology and be fluent in spoken and written English. He/she should also have a strong background in chemical ecology and/or entomology. Previous experiences from insect behavioural experiments, techniques for odour collection and chemical analysis, and from electrophysiology are merits. The candidate must also be capable of independent planning, execution and evaluation of experiments, and be able to function well in a group. The applicant will need a driving license valid in Sweden.

Applicants are evaluated based on documented ability to develop and carry out high-quality research. Such evidence may include a strong track record of publications in scientific journals, documentation of successful completion of research projects, high intellectual capacity and problem-solving ability, technical and analytical know-how, organizational skills, enthusiasm, dedication, and an ability to work both independently and in a team. Where possible, statements to these effects should be accompanied by objective or independent assessment of the candidate's track record and potential (e.g., via letters of support).

Description

The work will involve studies of the chemical ecology of clover weevils, *Apion* spp. with the ultimate goal to develop semiochemical-based methods to protect clover seed production from damage by the weevils (<http://biology.lu.se/research/research-groups/pheromone-group/research-projects/control-of-pest-insects-in-clover-seed>). The work will focus on finding chemical cues affecting weevil behaviour during mate finding and host selection using behavioural bioassays and electrophysiology. The postdoc will join an active research group of about 15 members focusing on basic and applied aspects of insect chemical ecology (<http://biology.lu.se/research/research-groups/pheromone-group>), based at the Department of Biology (<http://biology.lu.se/>), which has a rich and international tradition in research and education within a wide range of research areas. The department is located close to the centre of the medieval town of Lund (<http://www.lund.se/en/>).

The successful applicant will receive a one-year postdoctoral fellowship, with the possibility of one year of extension. The stipend (no tax) is 22,000 SEK, approximately € 2300, per month.

Application Materials

The application should include:

- 1) An introductory letter stating the reasons for applying and why we should select you as our collaborator (max one page);
- 2) A curriculum vitae (max three pages);
- 3) A list of publications;
- 4) Contact information of at least two reference persons, and possibly letters of support.

Submit applications and further questions to:

Olle Anderbrant
olle.anderbrant@biol.lu.se