

POSTDOCTORAL POSITION, ECOLOGICAL GENOMICS OF SOCIAL POLYMORPHISM, LAUSANNE

Applications are invited for a Postdoctoral position in the research group of Michel Chapuisat (Department of Ecology and Evolution, University of Lausanne). Our group studies social evolution, with a focus on the structure and evolution of ant societies. Please look at

<http://www.unil.ch/dee/page7000.html>

for information and references.

We have identified a social chromosome associated with variation in colony queen number in the Alpine silver ant *Formica selysi* (Purcell et al. Cur. Biol. 2014). We plan to study the origin and maintenance of this polymorphism by combining genomic, behavioural and ecological approaches. The focus will depend on the interest and background of the postdoc, and there will be scope to accommodate personal ideas or projects. The ideal candidate should have a solid background in evolutionary biology and genomics. Experience in one or more of the following areas would be an asset: population genomics, comparative genomics, genotyping-by-sequencing, transcriptomics, evolutionary ecology, experimental behavioural ecology. Starting date is negotiable, from March 2015 onwards. The Department of Ecology and Evolution is large and thriving, and provides excellent facilities for research and training (see

<http://www.unil.ch/dee/>

). Informal enquiries and applications should be sent to

Michel.Chapuisat@unil.ch

. Applications should include a cover letter with a statement of research interests and qualifications for the position, complete CV with publication list, and contact details of three referees, embedded in a single pdf file.

I will start reviewing the applications on December 19th, 2014

, but will continue to consider incoming applications until the position is filled. Michel Chapuisat <

Michel.Chapuisat@unil.ch

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PhD POSITION, ECOLOGICAL GENOMICS OF SOCIAL POLYMORPHISM, LAUSANNE

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Michel Chapuisat (Department of Ecology and Evolution, University of Lausanne). Our group studies social evolution, with a focus on the structure and evolution of ant societies. Please look at <http://www.unil.ch/dee/page7000.html> for information and references. We have identified a social chromosome associated with variation in colony queen number in the Alpine silver ant *Formica selysi* (Purcell et al. Cur. Biol. 2014). We plan to study the origin and maintenance of this polymorphism by combining genomic, behavioural and ecological approaches. The focus of the PhD research will depend on the skills and interests of the

doctoral student. We seek candidates with training in evolutionary biology and genetics, and some specific expertise in fields that are relevant for the project (e.g. molecular ecology, genomics, bioinformatics, population genetics, behavioural ecology, evolutionary ecology). Starting date is negotiable, from March 2015 onwards. The Department of Ecology and Evolution provides an excellent training environment for PhD students (see

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