Assistant Professor (tenure-track) in Ecology
at the Department of Ecology and Evolution

Starting date: to be agreed
Rate of activity: 100%
Contract Length: 6 years, renewable
Workplace: DEE, Quartier UNIL-Sorge, Lausanne

Candidates will be considered for appointment as assistant Professor (tenure-track). The successful candidate will have an outstanding record of research, a demonstrated ability to attract external research funding, an interest and enthusiasm for teaching ecology, and a desire to establish a strong research group in ecology. All branches of ecology will be considered, but we are particularly interested in candidates with research and teaching interests in experimental population and/or experimental ecology.

The Department of Ecology and Evolution has a long track record of excellence in research. It is located on a beautiful and vibrant campus on the shore of Lake Geneva, sharing the site with the Federal Technical University, EPFL.

A start-up package, a state-of-the-art research infrastructure, as well as a yearly research allowance for positions and consumables will be available within an environment favouring collaborations. Pre-existing knowledge of French is not required, but the candidate will be expected to be able to teach in French within two years.

A detailed job description is available (or QR code).

Further information may be obtained from Prof. Christian Hardtke (Christian.Hardtke@unil.ch), chairman of the search committee.

Applications, including a motivation letter, a curriculum vitae with a complete list of publications in which the five most significant ones are identified, a brief statement of research program, a statement of teaching philosophy, and the names of three referees. The full application should be submitted online to University’s website by March 31st, 2018 (23:59 GMT+1)

Seeking to promote an equitable representation of women and men among its staff, the University encourages applications from women.
The University of Lausanne is a higher teaching and research institution composed of seven faculties where approximately 14,000 students and nearly 4,000 collaborators, professors, and researchers work and study. Ideally situated along the lake of Geneva, near Lausanne's city center, its campus brings together over 120 nationalities. The Faculty of Biology and Medicine (FBM) of the University of Lausanne (UNIL) is inviting applications for a position of:

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JOB DESCRIPTION
Assistant Professor (tenure-track) in Ecology
at the Department of Ecology and Evolution

Full-time position

Responsible to, in order:
- Director of the Department of Ecology and Evolution
- (President of the Fundamental Sciences Section (SSF))
- Dean of the Faculty of Biology and Medicine
- Rector of the University of Lausanne

I. Research – 70%

- Ensure the successful management of an independent research group in the Department of Ecology and Evolution.
- Obtain external funding, and publish research in high-profile journals.
- Present results at international conferences.
- Coordinate his/her research with the other groups of the Department in order to develop fruitful collaborations.

II. Teaching - 25%

- During the tenure-track, take responsibility for teaching a course at the Bachelor level, especially in general ecology.
- Supervise undergraduate, masters and PhD students.
- Play an active role in internal and external seminars of the Department of Ecology and Evolution.

III. Administrative tasks - 5%

- Participate in the life of the Department (global mission in terms of teaching and research, improvement of the organization etc.) in a collaborative way.
- Participate in various academic activities and tasks linked to the life of the Faculty and the University.
- Perform tasks as defined by the Director of the Department.

IV. Other mandates
To be defined.

In case of appointment after the tenure-track period, this Job description will be updated, notably with concerning the teaching load, including the 28 hours of the general ecology which will have to be covered.

Department Director: _______________________
Applicant: _______________________
### CAHIER DES CHARGES

**de Madame/Monsieur ...**

**Professeur assistant**

Taux d’activité (minimum 50%, maximum 100%) 100%

La part “Enseignement” doit être comprise entre 20% et 50%

La part “Recherche” doit être comprise entre 50% et 80%

La part “Administration” doit être comprise entre 0% et 10%

La part “Services et mandats” doit être comprise entre 0% et 10%

### A) Enseignement

#### A.1) Enseignement structuré

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#### A.2) Supervision de travaux individuels

| Encadrement de masters | 10.0% |
| Encadrement de doctorants | 10.0% |

#### A.3) Activités d’enseignement particulières

Total enseignement 24.0% 25%

### B) Recherche

- Direction d’un groupe de recherche indépendant
- Obtention de fonds externes 70.0%
- Publication dans des revues de qualité
- Présenter ses travaux au niveau international

Total recherche 70%

### C) Administration

- Participation à la gestion et aux activités du département
- Participation à diverses tâches et activités facultaires 5.0%

Total administration 5%

### D) Services et mandats

- À définir en fonction des besoins du service

Total services et mandats 0%

**TOTAL (doit être égal au taux d’activité) 100%**

Remarques:
Durant la période de tenure track, le/la Professeur-e assistant-e enseignera seulement 14h00 du cours d’Ecologie générale. En cas de stabilisation, le cahier des charges sera revu, notamment pour le cours d’Ecologie Générale qui passera à 28h00.

Date et signature, Directeur DEE

Date et signature, Candidat
**General description of the Department of Ecology and Evolution**

At the department of Ecology and Evolution, headed by Professor Laurent Keller, our research is concerned mostly with ecological and evolutionary problems. We use plants, fungi and animals as model systems and combine genomics, population genetics, modelling, ecological, physiological and behavioural studies to investigate species distribution and the evolution and consequences of intra- and interspecific interactions. Researchers at the DEE continuously interact with each other’s as testified by the number of collaborative projects and publications in the top scientific journals such as Science, Nature, and PNAS.

Our department has a long track record of excellence in research. It comprises 14 professors and 5 young independent group leaders. The DEE hosts an average of 40 postdocs and 50 PhD students. Members of the department regularly publish in top ranking journals. Interaction among the different research groups is a priority, with two weekly seminars and many weekly journal clubs. Members of the DEE have numerous ongoing international collaborations, which have frequently yielded publications in high profile journals during the last five years.

The Department is also committed in providing a diverse and first class teaching curriculum to our undergraduate and PhD students. Our contribution to the first and second year of the bachelor in Biology includes classes in Botany, Behavioural Ecology, Conservation Biology, Ecology, Evolution, Biostatistics, Experimental design, Bioinformatics, Population Genetics and Zoology. In the third year of bachelor, we provide courses in Population Biology and Experimental Design as well as many optional courses. Finally, we propose a Master program in Behaviour, Evolution, Conservation.

The University of Lausanne (UNIL) and the Department of Ecology and Evolution offer an excellent working environment. PhD students and Postdocs have full access to the library and online subscriptions to most journals, as well as to the computer clusters for large calculations (Vital-IT) and a Genomic Technologies facility (GTF Lausanne), which includes two Illumina HiSeq 2500 sequencers, an Illumina MiSeq sequencer, a Pacific Biosciences RS II sequencer, as well as full equipment for Affymetrix, Agilent and Illumina microarray platforms and qRTPCR assays, and provides bioinformatics support. All collaborators benefit from the

The DEE expertise is well recognized and this has led previous students, PhD students or postdocs (between 2010 and 2016, 56 PhD students completed their PhD thesis under the supervision of DEE Professors and group Leaders) of the DEE to be employed in academic or non-academic positions within Switzerland and outside Switzerland. Most of the other fellows who have left the DEE have acquired permanent positions in science or are continuing their scientific training in excellent environments.