



Universität
Zürich^{UZH}



URPP
Evolution
in Action

Department of Systematic and Evolutionary Botany

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PhD Position in Plant Evolution

A PhD position on the evolutionary consequences of rapid ecological change is available in my group at the Department of Systematic and Evolutionary Botany (University of Zurich (UZH), Switzerland) as of January 2021. Combining experimental and theoretical approaches, you will use the fast-cycling field mustard (*Brassica rapa*) as a model to study the rapid phenotypic and genomic response of plants to the loss of wild pollinators. In a common garden experiment, you will manipulate wild pollinator communities and record phenotypic and genetic changes in the plant. To better understand the induced changes, you will fit population-genetic models to the resulting time-series data. This 4-year position is funded by the UZH University Research Priority Program (URPP) “Evolution in Action” (www.evolution.uzh.ch) and involves a collaboration with Dr. Simon Aeschbacher at the Department of Evolution Biology and Environmental Studies (UZH). The UZH is an equal opportunity employer.

An MSc degree in evolutionary biology, or bioinformatics, or relative disciplines, as well as a solid background in statistical data analysis are required. Prior experience with plants or insects is an advantage, but not required. A good proficiency in written and spoken English is essential. The successful candidate will work in a diverse and collaborative research environment at the Department of Systematic and Evolutionary Botany located in the Botanical Garden of Zurich. Embedded in the URPP Evolution in Action and the Life Science Zurich Graduate School, the student will profit from an outstanding academic and social network.

To apply, please send a CV including the names and email addresses of two references and a motivation letter to lea.frachon@systbot.uzh.ch by the 30 August 2020. If you have further questions, do not hesitate to contact me (lea.frachon@systbot.uzh.ch) or Simon Aeschbacher (simon.aeschbacher@ieu.uzh.ch).