



Zürich, March 2023

PhD position in adaptation/experimental evolution in plants

A PhD position in my group at the Department of Systematic and Evolutionary Botany, University of Zürich, is available from 1st of May for a period of four years. The position is to study adaptation and real-time evolution of plants to different ecological parameters. In the project, local ecological conditions in populations of *Raphanus raphanistrum* in the field will be studied. Using experimental evolution, the adaptation to ecological parameters in the greenhouse will be studied in parallel.

I am looking for a highly motivated PhD candidate to join my team working on evolutionary question in the context of plant-insect interactions. Ideally, the candidate has expertise in any of the following tools: genomics analysis, field work with plants/insects, gas chromatography/HPLC analysis, and a thorough conceptual background in evolutionary biology. As a formal requirement, you should have a Master (or comparable) degree in any field of biology; proficiency in English, both orally and written, is also required. Prior experience in scientific publishing is an advantage. I offer a vibrant, collaborative work environment and high-quality supervision. Several of my past PhD students have published as first authors in the highest-ranking journals such as Science, Nature Communications, New Phytologist, Functional Ecology, etc.; many have consecutively attained PostDoc positions at renowned academic institutions.

Our department is located in the University Botanical Gardens and houses modern molecular and ecological labs, including greenhouses and climate chambers for plant cultivation. The University of Zürich has a broad research coverage of organismal and molecular biology, and several research groups work on evolutionary topics (www.lifescience-zurich.ch). The city of Zürich also offers excellent quality of life as well as an attractive surrounding for outdoor activities.

If you are interested in the job, please send me by e-mail (florian.schiestl@systbot.uzh.ch) a letter describing your motivation, CV, copy of degrees, publications (manuscripts), and e-mail addresses of two academic referees, by 1st of May 2023 (the job will remain open until filled). Please send all documents in a single file. If you have any further questions, don't hesitate to contact me.