



The Plant Ecology group at the Department of Biosciences, Paris-Lodron-University of Salzburg, Austria, invites applications for a

**Postdoc (tenure track) position**  
in  
***Pollination and chemical ecology***

available from March 1<sup>st</sup> 2020. The initial appointment is for six years with the possibility of promotion to a permanent position.

The research focus of the position will be in ecology and evolution of flower-animal interactions and considers signaling patterns in such systems. The study of applied aspects, such as crop pollination and pest control of fruit crops is highly appreciated.

The successful applicant should have an excellent research experience and publication record, and experience with teaching and grant acquisition. Good knowledge of one or several of the following methods is of advantage: analytical chemistry (GC, GC-MS) electroantennographic detection (GC-EAD), behavioral assays, molecular analyses (e.g. scent genes), chemical synthesis, statistics.

The working group Plant Ecology of the University of Salzburg (Univ.-Prof. Dr. Stefan Dötterl) studies the ecology and evolution of pollination systems, with a focus on the communication between flowers and their pollinators. The laboratory is equipped with state-of-the-art instruments for the analysis of volatile organic substances as well as for the identification of electrophysiologically (electroantennography) and behaviorally active substances in insects. The working group is embedded in the Department of Biosciences; here, numerous potential cooperations with other working groups are possible and would be appreciated.

The successful candidate, who has a PhD, preferably in biology, will teach courses in botany and ecology (in German and English; 4 hrs per week and semester; Bachelor studies in Biology; Master studies in Ecology and Evolution; Teacher studies in Biology and Environmental Sciences), and supervise undergraduate as well as graduate students. She/he is expected to apply for external funding. Proficiency in English is essential.

Applications should include a letter of motivation, a CV, a description of research and teaching experience, copies of not more than three publications, and a concept of future teaching and research for the profile of the Plant Ecology Group within the Department of Biosciences.

The documents must be submitted to: [bewerbung@sbg.ac.at](mailto:bewerbung@sbg.ac.at).

Please quote the following reference number in the application: GZ A 0165/1-2019.

The closing date for applications is November 27, 2019. For additional information, please contact Prof. Dr. Stefan Dötterl ([stefan.doetterl@sbg.ac.at](mailto:stefan.doetterl@sbg.ac.at)), and see [https://www.uni-salzburg.at/fileadmin/multimedia/Serviceeinrichtung%20Personal/documents/A\\_0165\\_Postdoc\\_Bio\\_wiss.pdf](https://www.uni-salzburg.at/fileadmin/multimedia/Serviceeinrichtung%20Personal/documents/A_0165_Postdoc_Bio_wiss.pdf).