

BSc/MSc thesis in Community ecology of urban aquatic habitats in Europe



We are offering a BSc/MSc thesis on aquatic insect larvae in urban systems including a Citizen Science project. Field work will be conducted in at least one European city (e.g. Munich, Vienna, Salzburg, Zurich, London, Berlin) partly together with a PhD student and our local collaborators. The central question is the influence of urbanization (imperviousness, higher temperatures, different resources, limited dispersal) on insect communities. The work will include communication and management of the Citizen Science project ("Black bucket challenge"), measurement of abiotic and biotic variables (e.g. temperature, nutrient contents) and the identification of aquatic insect larvae. Within the project there will be room for development of your own ideas. The candidate should have an interest in community ecology, insects and data analysis (experience using R is desirable). The project will begin in spring, field work will be done until the end of summer. If you are interested, please contact Jana Petermann, University of Salzburg (jana.petermann@plus.ac.at). Further information can be found here: www.plus.ac.at/petermann.