



**University of
Zurich**^{UZH}

Department of Evolutionary Biology
and Environmental Studies

BEEES (Behavior, Ecology, Environment and Evolution Seminar)

Genomic tools for evolutionary biology and conservation: case studies from freshwater mussels

Speaker: **Dr. Alexandra Weber**
Department of Aquatic Ecology, EAWAG, Dübendorf, Switzerland
<https://www.eawag.ch/en/about-us/portrait/organisation/staff/profile/alexandra-anhthu-weber/show/>

Date/Time: Thursday, 2024-05-16
12:15 to 13:00

Place: Y03-G-95/UZH Irchel
Winterthurerstr. 190; 8057 Zürich

Access: only intern

Host: Florian Altermatt

Abstract:

Genomic tools have revolutionized advances in the fields of ecology, evolution and conservation of wild species. In this talk, I will present two case studies involving freshwater mussels: i) Whole-genome resequencing provides insights into sex determination of the invasive Quagga and Zebra mussels; ii) Conservation genomics of native mussels in Switzerland.

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