



MSc-PhD Seminar WS 2019/2020 (LVA Nr. 230.340 und 796.300)

January 24th, 2020 – HS C-3.006 Hosts: Supervisors of projects in "Ecology & Evolution"

12:30 – 12:45 **Welcome (Ulrike Berninger)**

Session 1 **Chair: Anja Hörger / Andreas Tribsch**

12:45 - 13:00 **Eva Gfrerer**

Hyperdiverse scents in deceptive *Arum maculatum*: geographic patterns and phenotypic selection

13:00 - 13:15

Danae Laina

Underlying mechanisms of a geographic pollinator mosaic in *Arum maculatum* (Araceae)

13:15 - 13:30

Silvia Artuso

Morphological modularity and floral shape evolution of the Madagascan *Bulbophyllum* orchid "clade A", using 3D geometric morphometrics

13:30 - 13:45

Herbert Braunschmid

Negative frequency dependent selection in a deceptive orchid: first results

13:45 - 14:00

Luis Aguirre

Herbivory and phenology shape floral rewards and pollinator-pathogen interactions

14:00 – 14:30 **Coffee break**

Session 2 **Chair: Stephen Wickham / Ulrike Berninger**

14:30 - 14:45

Philip Steiner

Cell wall alterations and organelle interactions in the alga *Klebsormidium crenulatum* during cold stress

14:45 - 15:00

Michael Gruber

Tintinnid's First Top Model: Ultrastructural Insights into the oral Ciliature of *Schmidingerella meunieri* (Alveolata, Ciliophora)

15:00 - 15:15

Noreen Mutoro

Who let the dogs out? Standardized assessment of cheetahs (*Acinonyx jubatus*) using detection dogs

15:15 - 15:30

Tobias Ternus

Phylogeography and morphological variation of freshwater spring snails (*Bythinella*) in Austria

15:30 - 15:45

Lara Leik

Information on the area of Activities / Responsibilities of the „Representative for Scientist4Future – Issues“ of the PLUS

15:45 – 16:00 **Coffee break**

Session 3 **Chair: Jana Petermann / Jan Habel**

16:00 - 16:15

Martin Schlager

Developing a baiting system for the Western corn rootworm based on floral scent components of the Styrian oil pumpkin

16:15 - 16:30

Lisa-Maria Ohler

Microbe assisted vegetation cover to reduce erosion in alpine landscapes

16:30 - 16:45

Vera Baierl

The effects of direction of flow on diversity in a model metacommunity.

16:45 - 17:00

Xie He

Interdependences among taxonomic groups in multidiverse communities as structuring elements in complex ecosystems

17:00 - 17:15

Maximilian Hanusch

Deciphering Multidiversity

17:15 – 17:30

Closing remarks (Ulrike Berninger)

17:30 – **Informal get-together with “Pizza and Beer”**