

The logo for MoFA, featuring the letters 'M', 'O', 'F', and 'A' in a bold, orange, sans-serif font. The letter 'O' is replaced by a stylized snail shell with a spiral pattern.

**1<sup>st</sup> MoFA Conference**

**June 26-27, 2019, Haus der Natur Salzburg**



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## Scientific Program – Wednesday, June 26, 2019

- 09:00–09:30 Registration  
09:30–09:45 Norbert Winding (Haus der Natur, Salzburg): Welcome  
Elisabeth Haring (NHM Vienna): Introduction

### Talks (MoFA Junior-Award candidates marked with \*)

Chair: Gerhard Haszprunar (Zoological State Collection Munich; LMU Munich)

- 09:45–10:00 Attila Sachslehner\* (Univ. Vienna): Expression of mesodermal marker genes in the polyplacophoran mollusk *Acanthochitona crinita*  
10:00–10:15 Stephan-Mathias Schulreich\* (Univ. Vienna): Mesoderm and muscle formation in the quagga mussel *Dreissena rostriformis*  
10:15–10:30 Tobias Ternus\* (Univ. Salzburg): Phylogeography and morphological variation of freshwater spring snails (*Bythinella*), along a west – east transect in Austria  
10:30–10:45 Benedict Yuen\* (Univ. Vienna): How does the lucinid clam maintain its symbiosis with chemosynthetic bacteria?  
10:45–11:00 Nikolaus Helmer\* (Univ. Vienna): More leaves on the phylogenetic tree of Scaphopoda (Bronn, 1862): Work in progress

11:00–11:45 Coffee break with Poster session – Moderation Marco Neiber (Univ. Hamburg)

Chair: Luise Kruckenhauser (NHM Vienna)

- 11:45–12:00 Martina Stockinger\* (Univ. Vienna): Presence and prevalence of non-indigenous molluscs in a *Posidonia oceanica* meadow in southern Crete  
12:00–12:15 Lisa-Maria Schmidt\* (Univ. Vienna): Linking the ecological species concept with systematics of trochid gastropods in the Northern Adriatic Sea  
12:15–12:30 Elisabeth Zieger (Univ. Vienna): A multilevel approach to understanding nervous system development in the chiton *Acanthochitona crinita*  
12:30–12:45 Gerhard Steiner (Univ. Vienna): Confocal views of the nervous system of Scaphopoda

12:45–14:00 Lunch break

Chair: Gerhard Steiner (Univ. Vienna)

- 14:00–14:15 Gerhard Haszprunar (Zoological State Collection Munich; LMU Munich): The Operculum of Gastropoda: Origin and Losses  
14:15–14:30 Marco Neiber (Univ. Hamburg): A fresh look at Melanopsidae (Caenogastropoda: Cerithioidea): evolutionary systematics, biogeography and conservation genetics  
14:30–14:45 Martin Haase (Univ. Greifswald): Can the morphological variation of *Potamopyrgus antipodarum* be explained as adaptation to flow? A complex answer integrating morphometrics, computational fluid dynamics and a flow tank experiment  
14:45–15:00 Michael Duda (NHM Vienna): Old facts and new insights into intraspecific diversity of *Petasina monodon* (A. Ferrusac, 1807) [= *Petasina unidentata* (Draparnaud, 1805)] in the Eastern Alps (Gastropoda: Helicoidea)

15:00–15:45 Coffee break

Chair: Stefan Kwitt (Haus der Natur, Salzburg)

- 15:45–16:00 Helmut Sattmann (NHM Vienna): Looking on the snails' side of life - Molluscs as intermediate hosts of digenean trematodes  
16:00–16:15 Silvana Schmidt-Ukaj (Vetmeduni Vienna): Achatschnecken in der tierärztlichen Praxis  
16:15–16:30 Hubert Blatterer (Linz): Mollusca of the Dahab region (Gulf of Aqaba, Red Sea)  
16:30–16:45 Rudolf Kapeller (Linz): Projekt Europäische Mollusken: Systematik / Beschreibung / Verbreitung / Bestimmungsschlüssel / Abbildungen / Literatur  
16:45–17:00 Luise Kruckenhauser (NHM Vienna): DNA Barcoding of Austrian molluscs – a short update  
17:00 Closing remarks  
19:00 Come together at Gasthaus Sternbräu with presentation of MoFA Awards

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## Scientific Program – Wednesday, June 26, 2019



### Posters

(MoFA Junior-Award candidates marked with \*)

**Nana Bakhtadze (Ilia State University, Tbilisi):** Chromosome numbers of terrestrial mollusks (Mollusca: Gastropoda) of Georgia

**Daniel Daill\* (blatfisch, Wels):** Conservation of Freshwater Pearl Mussels (*Margaritifera margaritifera*) in Austria – the project “Vision Flussperlmuschel”

**Mirjam Edler\* (Vetmeduni Vienna):** Lungworms of dogs and cats in snail intermediate hosts in eastern Austria – a pilot study

**Andrzej Lesicki (University Poznan):** *Monacha cantiana* s.l. (Montagu, 1803) (Gastropoda: Hygromiidae) – mitochondrial lineage occurring in Austria

**Susanne Reier\* (NHM Vienna, Univ. Vienna):** Integrative taxonomy of the genus *Siciliaria* Vest, 1867 from northwestern Sicily with insights into related genera

**Hannah Schubert\* (NHM Vienna):** Survey on spring snails (Hydrobiidae) in the Kalkalpen National Park

**Johannes Volkmer\* (Ökoteam, Graz):** The land snail fauna of the Gesäuse National Park. Ecology of alpine land snails, with a special focus on endemic species

**Sarah Zauner\* (Univ. Vienna):** Molecular characterization of gelatinous egg masses in the lucinid *Loripes orbiculatus* argues for an acquisition of bacterial symbionts from the environment

## Excursion – Thursday 27, 2019

### 09:00–16:00 Excursion to the Untersberg Landscape Conservation Area

**Organizing team:** Stefan Kwitt, Rita Schrattenecker-Travnitzky, Robert Patzner

**Meeting point:** 09:00 at bus station of line 21 at Gasthaus Fürstenbrunn, Grödig near Salzburg

**Schedule:** old spring capture at Fürstenbrunn, abandoned stone quarry, litter meadows and ponds at Salzweg

**Equipment:** ascent to old spring capture moderate; path to abandoned stone quarry is steep and slippery; sturdy footwear is mandatory (sure-footedness required)

**Notes:** The program point "abandoned stone quarry" is strongly weather dependent. A lunch break at Gasthaus Fürstenbrunn is possible.

**Further details (concerning weather-dependent amendments to the program) will be given at the conference.**

**16:00** Departure