

NOBIS Austria

YOUNG RESEARCHERS' DAY 2017

Join the network!



1 December 2017

Department of Botany and Biodiversity Research, Vienna

NETWORK OF BIOLOGICAL SYSTEMATICS AUSTRIA

Join the network!

The 2nd NOBIS Young Researchers' Day strives to attract young members of the scientific community, who usually depend on temporary, third-party funded projects. NOBIS intends to provide a platform for information exchange and networking, especially, during these early stages of a scientific career. The keynote by Gerald M. Schneeweiss on the "phylogeny and evolution of the non-photosynthetic parasitic broomrapes (Orobanchaceae)" will provide a glimpse into the strange world of plants gone astray.

In contrast to earlier meetings NOBIS Austria now, for the first time, offers two awards: one for Master and one for PhD students. Each winner will be awarded with 300 Euro each and three years of free NOBIS Austria memberships. Young scientists present the results of their recently completed or nearly finished scientific projects and compete for the two NOBIS Awards. Based on the quality of the research and the presentations during the NOBIS Young Researchers' Day, the winners are selected by a jury composed of established members from different fields of life and earth sciences and announced at the end of the meeting. Additionally, the best poster is elected by public vote and awarded with three years of free NOBIS Austria membership.

NOBIS Young Researchers' Day 2017 - Overview

Venue: Department of Botany and Biodiversity Research, Rennweg 14, 1030 Vienna

Thursday, November 30th

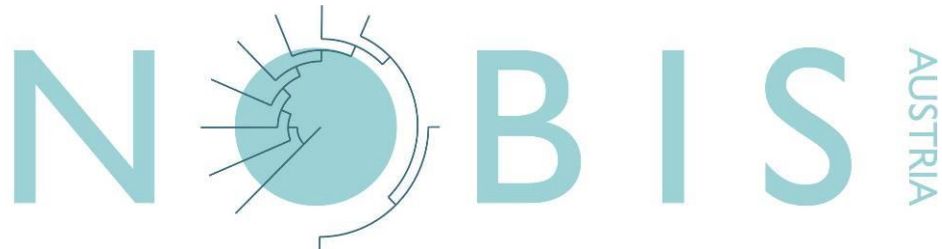
- 15.00 Guided Tour „Die Geologisch Paläontologische Sammlung des Naturhistorischen Museums“ (A. Kroh, meeting point: Burgring 7, 1010 Vienna, side entrance; duration: 45 minutes)
- 17.30 Introduction into X-ray tomography based research at the Department of Botany and Biodiversity Research (Y. Städler, meeting point: entrance Department of Botany and Biodiversity Research, Rennweg 14, 1030 Vienna)
- 18.30 – 22.00 Icebreaker in the Department of Botany and Biodiversity Research, Rennweg 14, 1030 Vienna
- 18.30 – 20.00 Registration

Friday, December 1st

- 9.00 – 9.30 Registration
- 9.30 – 17.10 Talks, Poster Presentations and NOBIS Awards

- Talks** 15 + 5 minutes
- Poster** A0 portrait format, 3 minutes presentation with one Power Point slide (graphical abstract, no animations)
- Language** English
- Fees** 10 € contribution (coffee breaks and lunch included)
- Payment** at the registration desk
- Registration** until Thursday, Nov 23rd via e-mail to dominique.zimmermann@nhm-wien.ac.at

Vienna 2017



Programme
Friday, December 1st

9.00 – 9.30 Registration

Introduction

9.30 – 9.40 Welcome

Konrad Fiedler, Head of the Department of Botany and Biodiversity Research

Sabine Agatha, President of NOBIS Austria

9.40 – 10.10 Keynote **Gerald Schneeweiss**: The phylogeny and evolution of the non-photosynthetic parasitic broomrapes (Orobanchaceae)

10.10 – 10.30 **Christoph Hahn**: The hyperdiverse fish-parasite genus *Gyrodactylus* – barcoding challenges and genomic insights into the evolution of selected species

10.30 – 11.00 Coffee break

NOBIS Award: Master Students

Chair: **Frank Zachos**

11.00 – 11.20 **Hannah Schmidbaur**: A comparative study on the nervous system of Syllidae (Annelida: Phyllodocida)

11.20 – 11.40 **Maximilian Wagner**: Cryptic diversity in pebble beaches: Rapid speciation and convergent evolution in the genus *Gouania* (Gobiesocidae)

11.40 – 12.00 **Lukas Zangl**: Up for surprises – the story of Austria's gudgeons

12.00 – 12.20 **Sabine Schoder**: The *Hylaeus brevicornis* group revisited – an integrative approach to delimit four closely related species of masked bees (Hymenoptera: Apidae)

12.20 – 13.30 Lunch break (buffet)

NOBIS Award: PhD Students

Chair: **Julia Walochnik**

- 13.30 – 13.50 **Andrea Lienhard:** Mites of the Caribbean! The biodiversity and biogeography of intertidal Oribatida (Acari)
- 13.50 – 14.10 **Alice Laciny:** Caste evolution and characterization in “exploding” ants
- 14.10 – 14.30 **Anne-Sarah Ganske:** On the significance of morphological characters of head structures for the systematics of the centipede genus *Lithobius* (Myriapoda)
- 14.30 – 14.50 **Martin Schebeck:** RAD Sequencing helps to unravel the phylogeography of the spruce bark beetle *Pityogenes chalcographus* (L.)
- 14.50 – 15.10 **Umilaela Arifin:** Revisiting phylogeny of *Huia* Yang, 1991 (Amphibia: Ranidae) reveals unexpected *Huia* diversity and taxa new to science: case study Sumatra, Indonesia
- 15.10 – 15.40 **Coffee break**
- 15.40 – 16.10 **Poster session, Chair: Stephan Koblmüller**

Closing Session

- 16.10 – 16.30 **Agnes Dellinger:** Floral trait convergence and functional differentiation in accordance with pollinator shifts in Merianieae (Melastomataceae)
- 16.30 – 16.50 **Andreas Kroh:** Phylogeny & evolution of edible sea urchins
- 16.50 – 17.10 **Sabine Agatha:** Handing over of the NOBIS Award and closing words