

18th Annual Meeting of NOBIS Austria

November 28th-29th, 2024, Natural History Museum Vienna

28.11.2024

- 13:00 **Workshop** “Multilocus amplicon sequencing / AmpliPiper” (NHMW Kurssaal) – Registered workshop participants only!
- 16:30 **Guided tours** through NHM collections (meeting point: NHMW staff entrance)
- 17:30 **Icebreaker** (NHMW Hall 16, food will be provided) – bring your poster!

29.11.2024

- 9:00 Welcome address (NHMW Hall 16)
- 9:10–9:50 **Nesrine Akkari**: Keynote – Towards an integrative future of collection-based systematics, with examples from research on Myriapoda (Arthropoda)
- 9:50–10:05 **Jonas Eberle**: Clarification of the taxonomic status of the North American clerid *Thanasimus nubilus* (Coleoptera: Cleridae)
- 10:05–10:20 **Philipp Hummer**: How museomics may help us detect recent anthropogenic changes in the genomes of insects
- 10:20–10:35 **Elora Marx**: *Basilosaurus* predation and possible sexual dimorphism in a late Priabonian Archaeocete from Fayoum, Egypt

10:35–11:15 Coffee Break

- 11:15–11:30 **Thomas Strohmeier**: Cryptic diversity in snow scorpionflies (*Boreus* spp.) in relation to cuticular chemistry and geography
- 11:30–11:45 **Sarah Saadain**: Unraveling the evolution of the German cockroach *Blattella germanica* using historical specimens
- 11:45–12:00 **Katharina Mason**: Last pieces of the jigsaw - population genetics of the rock-dwelling door snail *Montenegrina* (Gastropoda: Clausiliidae)
- 12:00–12:15 **Daniel Lukic**: Exploring molecular data from pinned beetles: chances and challenges
- 12:15–12:30 **Anna Pyttlik**: Bilateral asymmetry of the mammalian and avian inner ear

12:30–13:30 Lunch Break (food will be provided)

- 13:30–13:45 **Anne Le Maître**: A comparison of the intraspecific variation of middle and inner ear morphology between selected mammals and birds
- 13:45–14:00 **Mathias Harzhauser**: The hotspot in the drawer – the importance of museum collections for tracing past changes in biodiversity
- 14:00–14:15 **Špela Di Batista Borko**: Distribution and diversity of *Gammarus fossarum* in AT
- 14:15–14:45 **Lightning talks** (poster presentations, 3 min. each)

14:45–15:30 Coffee Break

- 15:30–15:45 **Tamara Spasojevic**: Deciphering host-related evolutionary patterns in polysphinctine spider parasitoids (Hymenoptera, Ichneumonidae)
- 15:45–16:00 **Harald Letsch**: Phylogenomics elucidates the relationships, biogeography and evolution of host plant associations of minute seed weevils (Coleoptera)
- 16:00–16:15 **Elisabeth Geiser**: Museum collections are the most important basis for studying Donaciinae
- 16:15–16:35 **Susanne Reier**: Overcoming challenges in molecular genetic analyses of *Pomphorhynchus* species (project report NOBIS Grant 2022)
- 16:35–16:50 Awards ceremony (presenter prizes & NOBIS Grant 2024)
- 16:50–17:00 NOBIS Grant 2024 – Short presentation of the project by the 2024 recipient
- 17:00–18:00 **General assembly & election of the NOBIS board members**

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Venue

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Workshop: NHMW „Kurssaal“ – Meeting point and time: staff entrance of the NHM Vienna (Burgring 7, 1010 Vienna) at 12:50.

Guided tours: NHMW collections – Meeting point and time: staff entrance of the NHM Vienna (Burgring 7, 1010 Vienna) 16:20 (by 16:30 at the latest).

Icebreaker: NHMW Hall 16 – Meeting point and time: staff entrance of the NHM Vienna (Burgring 7, 1010 Vienna) at 17:30. We will collect people who join later from the staff entrance every 15 minutes after that (until 19:00).

29.11.2024

Talks: NHMW Hall 16 – use the public entrance of the NHM Vienna (Maria-Theresien-Platz 1).

List of poster presentations

- **Ganser, M.H., Agatha, S. & Katz, L.:** A First Look into Lineage-Specific Gene Families in Tintinnid Ciliates (Alveolata, Ciliophora, Spirotricha)
- **Geci, D., Strohmeier, T., Ibrahimi, H., Bilalli, A. & Koblmüller, S.:** Taxonomy and diversity of Nemesiidae and Dysderidae (Arachnida, Araneae) in Kosovo
- **Greilhuber, M., Devánová, A., Sychra, J., Kruckenhauser, L. & Schwentner, M.:** DNA-Barcoding of large branchiopods in Austria, the Czech Republic and Slovakia
- **Schäffer, S., Hasenhütl, K. & Koblmüller S.:** Non-invasive extraction of DNA from tiny arthropods: a step forward for systematics and biodiversity research on soil organisms
- **Sainitzer, D., Son, M.O. & Schwentner, M.:** Lost but not forgotten: Rediscovery of the Ukrainian *Lepidurus middendorffii* (Braem, 1893) (Branchiopoda: Notostraca) through integrative taxonomy
- **Schmid, R., Kammel, W., Bernhart, E. & Koblmüller, S.:** The Common Wall Lizard (*Podarcis muralis*) in southeastern Austria - how threatened are autochthonous populations?
- **Schweiger, C. & Schwentner, M.:** Redescription of the tadpole shrimps *Triops sudanicus* and *Triops dispar*
- **Sefc, K.M., Di Batista Borko, Š., Grimm, J., Hahn, C., Griebler, C. & Koblmüller, S.:** Epigeic Amphipods in Austria
- **Wagner, M., Kalajžić, D., Benac, Č., De Keyzer, E., Hablützel, P., Kovačić, M., Svartal H. & Ružić, I.:** CROBEeach: Towards developing an ecological framework for sustainable gravel beach management along the Croatian coastline
- **Zimmermann, D., Monks, J., Li, Z. & de Vere, N.:** A window to the past? Metabarcoding analyses of pollen preserved on historical bee specimens