



AUSTRIAN
ACADEMY OF
SCIENCES

FRIDAY, FEBRUARY 28, 2020
9:00 AM – 6:00 PM
LARGE FESTIVE HALL
UNIVERSITY OF VIENNA
UNIVERSITÄTSRING 1
1010 VIENNA



KERNER VON MARILAUN FESTIVE SYMPOSIUM – DIVERSITY UNDER PRESSURE 2020
ON THE OCCASION OF THE 80TH BIRTHDAY OF W.M. FRIEDRICH G. BARTH

BIODIVERSITY: A SCIENTIFIC AND SOCIETAL CHALLENGE

PROGRAM

9:00–9:30

WELCOME

Heinz W. Engl | Rector, University of Vienna, Austria

Verena Winiwarter | Chair, Commission for Interdisciplinary Ecological Studies (KIOES), Austria

Moderation: Viktor J. Bruckman | Austrian Academy of Sciences, Austria

I. THE ORIGIN OF BIODIVERSITY

9:30–10:00

Michael J. Benton | School of Earth Sciences, University of Bristol, United Kingdom

Extinction and mass extinction in the past

10:00–10:30

Ulrich Technau | Department of Molecular Evolution and Development, University of Vienna, Austria

The origin and diversification of major animal body plans – an EvoDevo perspective

10:30–11:00

COFFEE BREAK

II. HOW DOES BIODIVERSITY WORK ?

11:00–11:30

Walter Salzburger | Zoological Institute, University of Basel, Switzerland

Explosive diversification in Darwin's Dreamponds: The cichlid fishes in the African Great Lakes

11:30–12:00

Peter Schönswetter | Department of Botany, University of Innsbruck, Austria

Speciation and diversification in alpine plants

12:00–12:30

Naomi Pierce | Department of Organismic and Evolutionary Biology, Harvard University, United States

The evolutionary consequences of ecological specialization

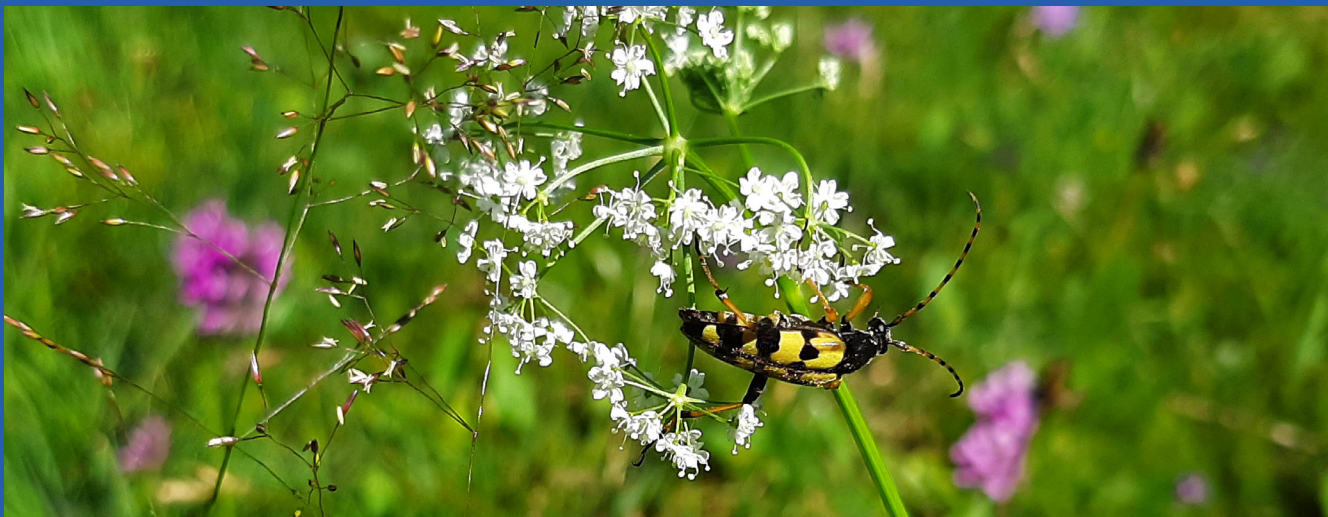
12:30–14:00

LUNCH BREAK



III. THE FUTURE OF BIODIVERSITY IN THE ANTHROPOCENE

- 14:00–14:30** **Andreas Segerer** | Bavarian State Collection of Zoology, Germany
Insect decline and global biodiversity crisis: Welcome to Easter Island
- 14:30–15:00** **Katrin Böhning-Gaese** | Senckenberg Biodiversity and Climate Research Centre (BiK-F),
Goethe University Frankfurt, Germany
Global change, biodiversity and people
- 15:00–15:30** COFFEE BREAK
- 15:30–16:00** **Stefan Dullinger** | Department of Botany and Biodiversity Research, University Vienna, Austria
Data vs. models of alpine plant species re-distribution under climate change
- 16:00–16:30** **Jane Hill** | Department of Biology, University of York, United Kingdom
Responses of species to climate change
- 16:30–18:00** BREAD AND WINE



ORGANIZATION

Commission for Interdisciplinary Ecological Studies (KIOES)
Austrian Academy of Sciences (OeAW)

SCIENTIFIC ORGANIZING COMMITTEE

Prof. Dr. Konrad Fiedler, University of Vienna
Prof. Dr. Christian Sturmbauer, University of Graz

CONTACT

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REGISTRATION

Registration by February 21st at
<https://www.oeaw.ac.at/kioes/aktivitaeten/detail/article/biodiversity-a-scientific-and-societal-challenge/>

Cover image: Tropical canopies are among the most prominent hotspots of biodiversity, Copyright: Friedrich G. Barth.
Image above: Biodiversity in alpine meadows, Copyright: Friedrich G. Barth.

Please note that photographs will be taken throughout the event. These will be used by the organizing institution in publications, on-line and in social media. Please contact the event organizer if you have any concerns or if you wish to be exempted from this activity.

mobile registration

