

Conference Agenda

38th Conference of the Plant Population Biology Section of the Ecological Society of Germany, Austria and Switzerland



Date: Wednesday, 06/May/2026 - Musician's Parlor, Old Botanical Garden

6:00pm - 10:00pm **Welcome Reception and Ice Breaker**
Location: **Musician's Parlor, Old Botanical Garden**

Date: Thursday, 07/May/2026 - Center for Synthetic Microbiology

8:30am - 9:30am **Registration**

9:30am - 9:45am **Opening words**

9:45am - 11:00am **Session 1**

11:00am - 11:30am **Coffee Break**

11:30am - 12:30pm **Session 1 continued**

12:30pm - 2:00pm **Lunch**
Location: **University restaurant**

2:00pm - 3:30pm **Session 2**

3:30pm - 4:00pm **Coffee Break**

4:00pm - 5:00pm **Session 2 cont.**

5:00pm - 6:45pm **Poster Session**

Date: Friday, 08/May/2026 - Center for Synthetic Microbiology

9:00am - 10:30am **Session 3**

10:30am - 11:15am **Group photo and Coffee Break**

11:15am - 12:30pm **Session 3 cont.**

12:30pm - 2:00pm **Lunch**
Location: **University restaurant**

2:00pm - 3:30pm **Session 4**

3:30pm - 4:00pm **Coffee Break**

4:00pm - 5:00pm **Session 4 cont.**

5:00pm - 6:45pm **Poster Session**

7:00pm - 10:00pm **Conference Dinner**
Location: **Botanical Garden**

Date: Saturday, 09/May/2026 - Center for Synthetic Microbiology

9:00am - 10:30am **Session 5**

10:30am - 11:15am **Coffee Break**

11:15am - 11:45am **Session 5 cont.**

11:45am - 12:15pm **Student awards**

12:15pm - 12:30pm **Closing words**

12:30pm - 1:00pm **Lunchpack distribution (Excursion)**

1:00pm - 7:00pm **Excursion**
Location: **Burgwald Forest**

Presentations

Date: Thursday, 07/May/2026

8:30am	Registration
-	Location: Center for Synthetic Microbiology
9:30am	
9:30am	Opening words
-	
9:45am	
9:45am	Session 1
-	
11:00am	9:45am - 10:30am <i>Keynote</i> Towards understanding the pangenomic basis of environmental adaptation in European beech using common gardens <u>Desanka Lazić</u> , Cornelia Geßner, Katharina J. Liepe, Malte Mader, Niels A. Müller
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-	10:30am - 10:45am Loss of genetic diversity and signs of selection in Common Ash (<i>Fraxinus excelsior</i>) caused by ash dieback Katharina Budde, James Doonan, Tom Hanika, Myriam Heuertz, Bartocz Ulaszewski, Rita Verbylaite, Erik D. Kjaer, Lene R. Nielsen
-	
-	10:45am - 11:00am Drivers of phenological diversity among the clonal oak DF159 progenies Monica B. Berdugo, Julia Baumeister, Maren Schmidt, Noemi Zainab Mbutcho, Katrin Heer, Lars Opgenoorth
11:00am	Coffee Break
-	
11:30am	
11:30am	Session 1 continued
-	
12:30pm	11:30am - 11:45am Satellite data show trees delay budburst across landscapes to escape herbivores Soumen Mallick
-	
-	11:45am - 12:00pm <i>Student talk</i> Environmental context shapes the costs of drought escape in Californian field mustard Katharina Hold, Elena Hamann
-	
-	12:00pm - 12:15pm Genetic diversity of common grassland forb species in the Czech Republic: a guide for developing regionalized seed mixtures? Tomáš Fér, Hana Skálová, Kateřina Iberl, Jindřich Chrtek, Martin Prach, Tomáš Herben
-	
-	12:15pm - 12:30pm Is once enough? Seed collection timing matters for capturing trait variation and genetic diversity Franziska Willems, Roman Dörr, Sascha Liepelt, Anna Bucharova
12:30pm	Lunch
-	Location: University restaurant
2:00pm	
2:00pm	Session 2
-	
3:30pm	2:00pm - 2:45pm <i>Keynote</i> How biotic and abiotic factors impact rapid adaptive evolution in plants <u>Florian P. Schiestl</u>

2:45pm - 3:00pm

Variation in *Trifolium repens*' floral traits along an urbanization gradient during the flowering season

Noemie Bourgoin, Juliette Dubois, Lea Mercier, Bojana Stojanova

3:00pm - 3:15pm

Does pollen form follow function? Effects of stigma type, pollination mode and habitat on pollen morphological traits

Sergey Rosbakh, Massimo Nepi, Maximilian Pichler

3:15pm - 3:30pm

Student talk

Defence Trait Variation in Native and Invasive Garlic Mustard Populations

Corinna Schönberger, Luzia Hama, Caroline Müller, Robert Colautti, Oliver Bossdorf

3:30pm

Coffee Break

4:00pm

4:00pm

Session 2 cont.

5:00pm

4:00pm - 4:15pm

Landscape opening and redistribution of floral resources facilitate gene flow among spatially isolated forest herb populations

Tobias Naaf, Jannis Till Feigs, Siyu Huang

4:15pm - 4:30pm

Long-term CO₂ enrichment alters functional traits and stress response of a grassland perennial

Tobias M. Sandner, Gerald Moser, Christoph Müller

4:30pm - 4:45pm

TERRA: Terrestrial Geo-Biosphere Interactions in a Changing World. Tübingen's new Cluster of Excellence from an ecologist's point of view

Katja Tielbörger, Michaela Dippold, Kira Rehfeld, Olaf Cirpka, Oliver Bossdorf, Yvonne Oelmann, Andreas Schweiger, Sara Tomiolo

4:45pm - 5:00pm

The value of student theses in ecology

Finn Rehling, Lea Heidrich, Alexandra-Maria Klein, Nina Kranke

5:00pm

Poster Session 1

6:45pm

Entangled Drivers: Complex Tree Diseases in Forest Ecosystems

Mona Schreiber, Marieke Lenga, Henning Otto, Christian Lampei, Lars Opgenoorth

Fruit decomposition and removal in a subtropical forest biodiversity experiment

Luisa Martha Senger, Nora Anderson, Tillmann Niedernhoefer, Tim Diekötter, Alexandra Erfmeier, Xiaojuan Liu, Zhi-Shu Xiao, Chao-Dong Zhu, Alexandra-Maria Klein, Finn Rehling

Impact of historical climatic fluctuations on the distribution and genetic diversity of endemic feather-grass species (Poaceae: *Stipa*)

Marcin Nobis, Ewelina Klichowska, Marta Krzempek, Patar Sinaga, Afni Marpaung, Julia Toporek

Plant-soil feedbacks in a heathy-woodland

Hagai Shemesh, Tamar Orly, Rebecca Miller, Camille Truong

Scale Dependence of Multifaceted Diversity Change Over the Last 5 Decades

Viktoria Ferenc, Friedrich Gloge, Mike Thiv, Pierre Liancourt

The effect of invasive *Lupinus polyphyllus* on the biodiversity and fodder value of semi-natural grasslands

Marta Czarniecka-Wiera, Antoni Szumny, Tomasz Szymura, Magdalena Szymura

Does clonal growth reshape root system functioning?

Jana Duchoslavová, Joana Bergmann

Agroecology for Weeds. A Horizon Europe project: results on agroecological weed control in a maize Living Lab

Milan Brankov, Milena Simić, Vesna Dragičević

Climate change-driven cryptic divergence and adaptation to the local climate in lowland-mountain complexes of steppe species

Ewelina Klichowska, Patar Sinaga, Julia Toporek, Marta Krzempek, Afni Marpaung, Marcin Nobis

Contrasting drivers of genetic and functional variation in an Eastern Alpine endemic: Seed mass follows a longitudinal gradient rather than glacial history

Katerina Iberl, Philipp Kirschner, Camilla Wellstein

Mystery cases: unresolved genomic relations in widespread grassland species

Walter Durka, Stefan Michalski

Organ plasticity and fitness in *Marchantia globosa* splash-cups

Ana-Maria Bratu, Valentin Laplaud, Mathieu Portela, Antoine Garcia, Abdillah Mohamed, Camille Duprat, Claudine Ah-Peng, Stephanie Drevensek, Arezki Boudaoud

Effects of light competition on mating strategies in a cleistogamous plant

Bojana Stojanova

Date: Friday, 08/May/2026

9:00am - 10:30am	Session 3 Location: Center for Synthetic Microbiology
	9:00am - 9:45am <i>Keynote</i> Genome editing for climate change adaptation: challenges, benefits and limitations <u>Maria von Korff</u>
	9:45am - 10:00am <i>Student talk</i> Genomes of Arabidopsis lyrata are shaped by ploidy changes and mating system shifts Anna Glushkevich, Alison Scott, Polina Novikova
	10:00am - 10:15am <i>Student talk</i> Polyploidy in Action: Disentangling the Consequences of Genome Doubling in Arabidopsis arenosa Eliska Travnickova, Josselin Clo, Marek Brindzak, Denisa Nerandzicova, Sonia Celestini, Magdalena Bohutinska, Filip Kolar
	10:15am - 10:30am Evolutionary trajectory of enhanced heavy metal hypertolerance in Arabidopsis halleri populations from the Central Alps Bastiaan Tjeng, Natalia Wozniak, Vinod Kumar, Menghan Zhao, Ute Krämer
10:30am - 11:15am	Group photo and Coffee Break
11:15am - 12:30pm	Session 3 cont.
	11:15am - 11:30am <i>Student talk</i> A resurrection epigenetic approach to studying rapid adaptation to climate change in Centaurea erythraea Judith Haase, Niek Scheepens, Bojana Stojanova
	11:30am - 11:45am Above- and belowground traits are linked, but do not respond equally to variations in soil nutrients, temperature and water availability Robert Rauschkolb, Viktoria Dietrich, Barbara Knickmann, Birgit Nordt, Martin Freiberg, Isabell Hensen, Tim Meier, Ingeborg Lang, Jonathan Wenk, Lucienne Krause, Christine Römermann
	11:45am - 12:00pm <i>Student talk</i> Effects of artificial light at night and drought on plant traits across three functional groups Maximilian Stein, Katharina M. Dietrich, Pia M. Eibes, Nele Meyer, J. F. Niek Scheepens
	12:00pm - 12:15pm <i>Student talk</i> Functional evidence beyond correlative models: Temperature and elevation drive shifts in germination performance of an East Alpine rock crevice endemic Katerina Iberl, Philipp Kirschner, Lenka Moravcova, Camilla Wellstein
	12:15pm - 12:30pm <i>Student talk</i> Home-site advantage of soil seed banks across a rainfall gradient in rangelands: an experimental study in JORDAN majd Allouzi, Katja Tielbörger, Ghadeer Omar

12:30pm -	Lunch Location: University restaurant
2:00pm	
2:00pm -	Session 4
3:30pm	2:00pm - 2:45pm <i>Keynote</i> Causes and consequences of skewed sex ratios in dioecious plants <u>Sophie Karrenberg</u>
	2:45pm - 3:00pm Genetic diversity and structure of German segetal species – results from the GISA project Philipp Tran, Veit Herklotz, Christiane Ritz, Heiko Schmied, Laura Fortmann, Stefan Meyer, Dörte Harpke, Karsten Wesche
	3:00pm - 3:15pm Managing Polyploid Complexity in Grassland Restoration: Cytotype Differentiation and Implications for Seed Zones Stefan Michalski, Walter Durka, Johannes Höfner
	3:15pm - 3:30pm Plastic germination, temporal niche partitioning and emergent assortative mating in annual plants Max Schmid, Katja Tielbörger, Amael Daval, Charles Mullon
3:30pm -	Coffee Break
4:00pm	
4:00pm -	Session 4 cont.
5:00pm	4:00pm - 4:15pm <i>Student talk</i> Do insular and continental populations of Tillandsia differ in seed dispersal traits? A test of the island syndrome on Alcatrazes Island, Brazil Livia Garcia, Giovana Narezi Trotta, Lais Pedroso Bertaia, Beatriz Lucas Arida, Raphael da Silva, Juliano Sarmento Cabral, Wagner Luiz dos Santos, Natalia Costa Soares, Fábio Pinheiro
	4:15pm - 4:30pm <i>Student talk</i> Northward range expansion reduced genetic diversity and shaped population structure in tetraploid hare barley (<i>Hordeum murinum</i> L.) Sandy Jan Labarosa, Helene Villhauer, Nina Döring, Anna Bucharova, Maria von Korff, Timo Hellwig
	4:30pm - 4:45pm Landscape history shapes genetic diversity in <i>Primula veris</i> populations across Europe L. Marie Ende, Zuzana Münzbergová, Tsipe Aavik, Jan Plue, Hans Jacquemyn, Iris Reinula, Vojtěch Zeisek, Marianne Kivastik, Tomáš Dostálek, Olivia Bernhardsson, Epp Valdaru, Sabrina Träger
	4:45pm - 5:00pm The role of local and landscape-scale factors on the genetic diversity of <i>Briza media</i> in the context of grassland abandonment Iris Reinula, Walter Durka, Karin Kaljund, Kadri Koorem, Stefan Michalski, Marina Semtšenko, Tsipe Aavik
5:00pm -	Poster Session 2
6:45pm	<i>Student poster</i> Identification of <i>Styppeiochloa hitchcockii</i> (Poaceae) using molecular markers Tabea Giese, Sylvie Andriambololonerana, Marina N. Rabarimanarivo, Nivo H. Rakotoarivelo, Brigitte Ramandimbisoa, Stefan Porembski
	<i>Student poster</i>

Evolution of germination traits of *Trifolium repens* along an urbanization gradient across climates

Dominic Schmidt, Giovanni Scopece, Lucrezia Laccetti, Niek Scheepens, Bojana Stojanova

Student poster

Trait variation in one long established and one recently introduced fleabane species along urbanization gradients

Hanja Irina Kappes, Niek Scheepens, Dávid U Nagy

Student poster

Hidden Sensitivity: Specialist Pollinator Networks Respond More Strongly to Latitude Than Generalist Ones

Rafael de Oliveira, Viktoria Ferenc, Pierre Liancourt

Student poster

Genetic population structure and environmental niche models of the alpine grass *Ptilagrostis malyshevii* (Poaceae) in the Central Asian mountains

Marta Krzempek, Ewelina Klichowska, Marcin Nobis

Student poster

Linking geodiversity and geostability to genetic diversity in South African Proteaceae

Kayleigh Mengel, Deborah Leigh, Oliver Bossdorf

Student poster

Bound by ammonia: pollution constrains *Cetraria sepincola* at the margin of its Central European range

Michael Boxriker, Viktoria Ferenc, Holger Thüs

Student poster

Genomic adaptation during early establishment in European beech (*Fagus sylvatica*)

Marieke Lenga, Christian Lampei, Lars Opgenoorth, Katrin Heer, Mona Schreiber

Student poster

Linking hybridization and climate-associated genomic variation in Central Asian *Stipa*

Patar Sinaga, Ewelina Klichowska, Marcin Nobis

Student poster

Regional species loss, local functional retention: contrasting patterns across calcareous and siliceous grasslands

Undine Schöllkopf, Viktoria Ferenc, Maria Májeková, Richard Michalet, Pierre Liancourt

Student poster

TREEvolution II: Environmental drivers and the genetic basis of Beech vitality loss

Henning Otto, Christian Mestre-Runge, Kezia Goldmann, Katrin Heer, Lars Opgenoorth, Christian Lampei

Student poster

Land use intensification shapes plant–soil interactions and resilience to drought

Laura Puura, Anastasia Tõnisson, YuYing Jing, Lauri Laaspere, Piia Kängsep, Miina Oras, Anna Marija Firere, Kadri Koorem, Richard Bardgett, John Alexander Davison, Marina Semtšenko

Student poster

To moo or to mow – disentangling the effects of management on *Gladiolus imbricatus* in coastal meadows

Xenia Uffrecht, Lauri Laanisto, Marika Kose, Nicola Pavanetto

Student poster

The European spruce bark beetle (*Ips typographus*) – An additional opportunity for bog restoration?

Lisa Grunwald

Student poster

Testing the invisible fraction in aged seeds: Effects disappear in the second generation

Lea Klepka, Sascha Liepelt, Anna Bucharova

Student poster

Parent–offspring inheritance of plant size and flower number in native species cultivated for ecological restoration

Carolina Selic, Anna Bucharova

Student poster

Beyond the water: How small stream restoration affects plant and bird diversity

Lena Lerbs, Alina Singer, Anna Dotzert, Stefan Pinkert, Nina Farwig, Sascha Liepelt, Anna Bucharova

Student poster

Climate-driven trait variation and potential lag of adaptation in *Hordeum murinum* across Europe

Helene Villhauer, Sandy J. Labarosa, Timo Hellwig, Maria von Korff, Anna Bucharova

7:00pm
-
10:00pm

Conference Dinner

Location: **Botanical Garden**

Date: Saturday, 09/May/2026

9:00am	Session 5
-	Location: Center for Synthetic Microbiology
10:30am	9:00am - 9:45am <i>Keynote</i> Microbial contributions to within-species and -individual variability of plants under global change Robert Junker
	9:45am - 10:00am <i>Student talk</i> How do genotypes that differently modulate the nitrogen cycle perform under distinct abiotic conditions? Sandro Schaible, Leah Sinzig, Jonathan Gervais, Amélie Cantarel, Niek Scheepens, M. Stefania Przybylska
	10:00am - 10:15am When form no longer predicts function: the role of intraspecific trait variation Marina Semchenko, Anastasia Tönisson, Jenalle Eck, Yuying Jing, Piia Kängsep, Lauri Laaspere, Miina Oras, Laura Puura, Jianlu Wu, Nianxun Xi, Kadri Koorem, John Davsion
	10:15am - 10:30am <i>Student talk</i> Small-scale fen restoration brings back key species and ecosystem functions Johannes Merz, Franziska Willems, Anna Bucharova
10:30am	Coffee Break
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11:15am	
11:15am	Session 5 cont.
-	Location: Center for Synthetic Microbiology
11:45am	11:15am - 11:30am Allelopathy by the invasive garden lupine inhibits the germination of native herbs but promotes the growth of seedlings Aino Kalske, Pasi Ahola, Niko Luntamo, Emilia Mäkinen, Altti Tähtinen, Satu Ramula
	11:30am - 11:45am Invasive Lupinus polyphyllus altered native species' functional traits Marta Czarniecka-Wiera, Boglárka Berki, Tomasz H. Szymura, Magdalena Szymura
11:45am	Student awards
-	
12:15pm	
12:15pm	Closing words
-	
12:30pm	
12:30pm	Lunchpack distribution (Excursion)
-	Location: Center for Synthetic Microbiology
1:00pm	
1:00pm	Excursion
-	Location: Burgwald Forest
7:00pm	