

Symposia

I

1. Roswitha Schmickl (Prag) - Phylogenetic discordance in radiating plant groups
2. Pia Marincek (Göttingen) - Diving into the Evolutionary Mystery of North American shrub willows
3. Eleonora Manzo (Göttingen) - Integrative species delimitation and biogeography in *Xanthium*
4. Jonas Bleilevens (Heidelberg) - The mystery of intermediate populations of genus *Platanthera* (Orchidaceae) in the federal state of Baden-Württemberg
5. Kamil Konowalik (Wrocław, Poland) - Naturally occurring and anthropogenic-driven gene flow in the Carpathian ox-eye daisies (*Leucanthemum*, Asteraceae)
6. John Paul Bradican - Diversification of the apomictic polyploid *Ranunculus auricomus* complex following range expansion after the Last Glacial Maximum

II

1. Loudmila Jelinskaia Lagou (München) - Phylogenomics of the slipper orchid genus *Cypripedium* using target enrichment data
2. Ramón Vilalta-Pérez (München) - New analyses from Next Generation Sequencing data yield an updated phylogeny of the mahogany family (Meliaceae), providing evidence of historical paralogy and hybridization events, and an Upper Cretaceous origin of the family
3. Nora Walden (Heidelberg) - Unraveling complex scenarios of repeated hybridization and whole genome duplication using target enrichment
4. Nomar Espinosa Waminal (Gatersleben) - Dysploidy in spring crocuses (*Crocus* series *Verni*)
5. Dörte Harpke (Gatersleben) - Identifying the allotetraploids within the *Crocus heuffelianus* Herb. complex
6. Dirk Albach (Oldenburg) - Polyploidy - the hidden diversity in the German saltmarshes

III

1. Boas Pucker (Braunschweig)- Comparative genomics reveals patterns of gene loss and duplication
2. Christoph Nehrke (Oldenburg) - Is it worth the effort? WGS versus GBS for phylogenetic reconstructions
3. Christian Siadjeu (München) - De novo transcriptome assemblies and genetic diversity of *Dioscorea dumetorum*
4. Evelin Krol (Göttingen) - Comparing Angiosperms353 and plastome phylogenies of Rutaceae (Citrus family): Basis for a new tribal classification

5. Agostina B. Sassone (Gatersleben) - Disentangling the taxonomic chaos in the South American garlics
6. Julia Bechteler (Landau) - Phylogenomic time tree of bryophytes resolves 500 million years of diversification

IV

1. Frank Blattner (Gatersleben) - The phylogeography of *Hordeum bulbosum* derived from GBS and genome sequence data
2. Mareike Daubert (Oldenburg) - Genotyping-by-sequencing elucidates the position of Ukrainian taxa within *Veronica* subg. *Pseudolysimachium*
3. Pedro Gonz  les-Guti  rrez (Gibara, Cuba) - How traits govern the evolution of Caribbean *Buxus*: testing the effects of adaptation to ultramafic soils on the diversification in time and space
4. Elizabeth Joyce (M  nchen) - Rethinking the biogeographic history of the mahogany family
5. Lena K  ster (G  ttingen) - Origin and invasion routes of some introduced *Xanthium* lineages in Europe
6. Khurelpurev Oyundelger (G  ttingen) - Phylogeography and migration route of grassland key species: *Artemisia frigida*
7. Seraina Rodewald (M  nchen) - Phylogeny and biogeography of the genus *Kalanchoe* (Crassulaceae)
8. An  e   rdoner   lasan (M  nchen) - Comparative analysis of distribution and climatic preferences of C4 lineages

V

1. Kevin Karbstein (Ilmenau)- Species Delimitation 4.0: Combining Integrative Taxon-omics and AI
2. Lara K  sters (Jena) - Integrative taxonomy meets deep learning
3. Ladislav Hodac (Jena) - Machine learning to capture plant phenotypes in situ

Open topic

1. Marcus Koch (Heidelberg) - Evolution at the dry limits - Tillandsiales in the Atacama desert
2. Hanna Raus (Kassel) - What is the human influence on the population genetics of three Mediterranean *Vinca* species?
3. Nadi Dixit (Kassel)- Understanding the macroevolutionary dynamics of myrmecophytism through the Southeast Asian *Macaranga-Crematogaster* ant-plant symbiosis

Posters

I

- none -

II

Veit Herklotz (Görlitz)- Chromosome-level sequencing and analysis of *Rosa canina* genome: insights into *canina* meiosis

III

1. Tim Böhnert (Bonn)- Systematic and taxonomic revision of the genus *Austrocactus* (Cactaceae) based on morphology and genome wide SNP-data
2. Lou Chen (München)- *Medinilla* (Melastomataceae) redefined
3. Marie Anna Vasile (Bonn)- Unravelling Boraginales: an updated phylogeny based on the Angiosperms353 probe set
4. Ruifang An (Gatersleben) - First insights into the evolutionary history of the Iberian autumn crocuses
5. Suvrat Kotagal (München) - Genetic basis behind stamen dimorphism in Melastomataceae
6. Paloma Morales (Bonn) - De-novo transcriptome analysis and differential gene expression of *Huidob*
7. Andrii Tarieiev (Göttingen) - Plastid genome assembly for the rare endemic birch species *Betula klokovii Zaverucha* and its phylogenetic and taxonomic implications.

IV

1. Stefanie J. Jung (Gießen)- Population Genetics and Abundance Patterns of *Lonicera periclymenum* L. (Caprifoliaceae) in a North Sea Island Woodland System
2. Alexandra Winizuk (Heidelberg) - Bedrock matters in evolutionary history – the Central European *Dianthus gratianopolitanus* (Caryophyllaceae)
3. Ron E. Stein (Heidelberg)- Reticulate evolution and frozen genepools may aid niche-shift in epiarenic *Tillandsia*

V

- none -

Open topic

1. Magali Bossau (Gießen) - Biography of Hermann Hoffmann
2. Almila Çiftci (Gatersleben)- Beyond the Purple Throat: Uncovering Hidden Diversity in *Crocus mathewii* Populations
3. Birgit Gemeinholzer (Kassel) - Identifying plant components of Malaise trap samples via metabarcoding
4. Sarina Jabbusch (Heidelberg) - The phenotypic variability of clones in changing environments - insights from *Tillandsia landbeckii*
5. Alexander Edwards (ehem.Pehmüller) (Kassel) - Non-lethal sampling for studying plant-insect interactions
6. Benjamin Feller (Gießen) - Population genetics of *Crassula helmsii* (T. KIRK) COCKAYNE
7. Martin de Jong (Gießen) - The mapping project "Flora of Giessen"
8. Julia Metzsch und Kardelen Cilgin (Gießen) - Diversity of Hessian orchids, artificial cultivation, culture and reintroduction
9. Mara Laumbacher (Gießen) - Conceptual design of an exhibition
10. Anine Wolfermann (Gießen) - A population genetic analysis of tansy ragwort (*Jacobaea vulgaris* Gaertn.)
11. Regina Schimpf (Kassel) - Population genetics of the endangered steppe plant *Oxytropis pilosa*
12. Daniela Guicking (Kassel) - Genetic diversity and reproductive biology of *Impatiens edgeworthii* Hook. F. (Balsaminaceae), a potentially invasive species in Germany
13. Julia Metzsch (Gießen) - Biodiversity and climate change at the Digital Revolving Door Project
14. Marissa Adler (Gießen) - Floristic mapping of species-rich farm grassland in the district of Gießen
15. Muhammet Dereci, M. (Istanbul) - Induction of secondary metabolite content of plant *Lavandula angustifolia* (Lavanta) through CuO Nanoparticles
16. Aleyna Ekinci (Istanbul) - Proteomic analyzes on boron stress in soybean
17. Laura Kellermann – An intermediate agronomic model that may aid the agricultural transformation process to rescue and develop arable field plant diversity
18. Christiane Kiefer - Evolution in the Arabideae from a multi-dimensional perspective