

# 9th Meeting of PhD students in Plant Ecology and Botany

Poroszló, Hungary, 23-25 September 2022



## Program

### Thursday 22 September 2022

16:00-22:00 Arrival, registration

### FRIDAY 23 September 2022

-09:00 Arrival, registration

09:45-10:00 Welcome

10:00-11:15 **Population ecology**

Krishan Kaushik  
Santiago Ordonez

Behavioral insights from the ex-situ studies on wild garlic and its co-existing species  
Effect of habitat quality and landscape structure on traits and demographic performance of the short-lived perennial *Salvia nemorosa* L.

Krisztina Verbényiné  
Neumann

The effect of flowering phenology on the persistence of *Salvia nemorosa* populations on kurgans

Hilda Odongo

Investigating the effect of climate change on the persistence of *Plantago lanceolata* populations

Nina Fahs

The ecology of nitrogen-fixing legumes, parasitic plants, and their interaction: from pot experiments to continental-scale syntheses

11:15-12:00 **Ecosystem services**

Szylvia Márta Neumann

Litter decomposition rates differ among closely related *Carex* species, but also among populations within species

Shanza Zaib

Carbon sequestration in managed and natural environment

Hassanali Mollashahi

Methods of managing of urban grasslands in the context of green infrastructure ecosystem services

12:00-13:30 Lunch

13:30-15:30 **Grassland ecology**

Khanh Ho Vu

Patterns of taxonomic, functional, and phylogenetic diversity in forest-grassland mosaics

	Dariia Shyriaieva	Ecology and biodiversity of dry grasslands in SW Ukraine: the example of Southern Buh River valley
	Ume Farwa	Establishment of dry grassland species in differently aged and managed successional stages
	Klára Klinkovská	Changes in non-forest vegetation of the Czech Republic
	Gergely Kovacsics-Vári	Does livestock type really matter? – Intensity-dependent effects of cattle- and sheep grazing in sand grasslands
	Aleš Lisner	Diversity-stability relationship in a grassland community
	Márton Vörös	Post-treatment intensity of restored grasslands depends on the potential natural vegetation distribution of the location
	Ekin Kaplan	A review on assessing species composition change for different temporal and spatial scales
15:30-16:00	Break	
16:00-17:15	<b>Forest ecology I.</b>	
	Magdalena Brener	Impact assessment of sustainable management on biodiversity in common oak and beech forest ecosystems through comparison with primeval forests
	Dario Ciaramella	Coniferous forests of the Earth: looking for common patterns
	Monika Kolényová	Does deadwood origin matter? The way a tree dies affects the trajectories of wood-inhabiting fungal community development in Norway spruce, especially in the case of very rare specialists
	Michaela Michalková	The effect of spatio-temporal development of forest fragments on the diversity of various habitats
	Lilla Eszter Szabó	The interplay of different silvicultural treatments and browsing on the regeneration
17:15-17:45	<b>Plant dispersal and invasions I</b>	
	Peliyagodage Chathura	Goldenrods invasion in Central Europe: drivers of invasion and eradication methods
	Dineth Perera	
	Boglárka Berki	Effectiveness of the cutting of invasive herb <i>Asclepias syriaca</i> : impact on the targeted invasive species and on the vegetation composition at old fields
18:00-18:45	Group discussion 1	How can we implement our results in practice, and should we worry about it? Moderated by: Krishan Kaushik
19:00-	Dinner	
Evening	Non-organized social activities, e.g. tasting of local specialities (drinks or snacks) brought by the participants, jam session	
<b>SATURDAY 24 September 2022</b>		
09:00-10:30	<b>Functional ecology, plant traits</b>	
	Simona Klačanová	Plant functional traits along stress gradient in ski resorts
	Epp Maria Lillipuu	Plant traits or soil conditions - which way could the scale be tipping?
	Adam Hrouda	Intraspecific variation and plasticity of fine root traits
	Gonzalo Velasco	Time will tell: temporal dynamics of functional and phylogenetic diversity in Central European dry grasslands
	Joshua Erkelenz	Functional and phylogenetic diversity in forest communities along elevational gradients
	Marketa Applova	Floral economic spectrum
10:30-11:00	Break	
11:00-12:30	<b>Plant dispersal and invasions II</b>	
	Sándor Borza	Three-level seed dispersal networks in open landscapes: seeds, rodents, and a nocturnal bird of prey
	Marie Konečná	The role of ants as dispersers in a temperate pasture
	Tereza Vacková	Seedling recruitment and survival in microhabitats
	Katalin Lukács	Human-vectored seed dispersal: A potential threat to the flora of protected areas
	Andreas Gattringer	Plant migration in silico
	Patricia Elizabeth Diaz	Allelopathic effects of <i>Sporobolus cryptandrus</i> invasive grass
	Cando	
12:30-14:00	Lunch	
14:00-14:30	<b>Species composition vs environment</b>	
	Csenge Veronika Horváth	Patterns on the forest floor: studying the effects of different forestry treatments on understory vegetation dynamics in oak-dominated forests
	Tereza Cahová	Environmental factors influencing diatoms on Antarctic islands
14:30-15:45	<b>Methods in vegetation science</b>	

	Barbora Klímová	Factors affecting the accuracy of geographical models of plant distribution and species richness
	Naghmeh Pakgozar	A comparative study of hard clustering algorithms for vegetation data
	Eva Švambergová	Methods of species pool determination as predictors of survival in seeding and transplanting experiments
	Lucia Čahojová	Identification and monitoring of habitats by remote sensing techniques
	Adrienn Gyalus	Tensions between the potential and actual natural vegetation of Hungary
15:45-16:15	Break	
16:15-17:45	<b>Karstic and alpine vegetation</b>	
	Kata Frei	The refugial capacity of dolines in the Mecsek Mountains (Hungary)
	Aljaž Jakob	Plant diversity and vegetation patterns in karst dolines in Illyrian floristic province
	Safiya Praleskouskaya	Relict fens and karst planes of the Central Apennines
	Daniel Szokala	Alpine and subalpine vegetation in South-eastern Europe, Anatolia, and the Caucasus
	Kryštof Chytrý	Fade of the alpine flora in a warming world
	Norbert Helm	Relative roles of environmental filtering, propagule supply, and biotic interactions in a high-mountain community reassembly
18:00-18:45	Group discussion 2	Quality vs. Numbers – do numbers really count more than the quality in Science? Moderated by: Nina Fahs & Safiya Praleskouskaya
19:00-	Dinner	
Evening	Non-organized social activities, e.g. tasting of local specialities (drinks or snacks) brought by the participants, jam session	
<b>SUNDAY 25 September 2018</b>		
9:00-13:00	<b>Field excursion to Hortobágy</b>	
13:00-	Lunch and departure	