



Vegetation of sea,
oceanic and ecological
islands of Europe

66th ANNUAL SYMPOSIUM

From local to global:
vegetation patterns
across spatial scales
in a changing World

IAVS

16 - 20 SEPTEMBER 2024

Pestana Casino Park Hotel
Funchal, Madeira, Portugal

PROGRAMME

www.iavsportugal2024.com

ORGANIZATION



Scientific Programme – Sunday 15 / Monday 16

66th ANNUAL SYMPOSIUM IAVS | 32nd EVS CONFERENCE

Sunday 15 (afternoon)																														
15:00-17:45	REGISTRATION																													
Monday 16 (morning)																														
08:00-09:00	REGISTRATION																													
09:00-09:30	Opening session																													
09:30-10:30	Plenary session 1 (Room Funchal): Javier Loidi Chair: Kazue Fujiwara																													
10:30-11:00	Coffee-break																													
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Scientific Programme – Monday 16

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Scientific Programme – Tuesday 17

Tuesday 17 (morning)				
09:30-10:30	Plenary session 3 (Room Funchal): Ladislav Mucina Chair: Robert Peet			
10:30-11:00	Coffee-break			
11:00-13:00	Session 3A. (Room Funchal) Restoration, Conservation and Vegetation Management Chair: Anna Kuzemko	Session 3B. (Room Berlim) Future Ecosystems Climate and Land Change Chair: Denys Vynokurov	Session 3C. (Room Sidney) Alien Plant Species: Invasion Trends and Impacts Chair: Fabio Attorre	Special Session 3D. (Room Caracas) Dark diversity Chair: Meelis Pärtel
11:00-11:15	OC51 Scott Franklin. Sagebrush Restoration and the Question of Seed Provenance	OC59 Manuele Bazzichetto. Biodiversity-mediated mechanisms of ecosystem's response to compound dry-hot extreme events	OC67 Adrián Lázaro-Lobo.★ Understanding invasion patterns at the ecoregional scale	OC74 Meelis Pärtel. DarkDivNet explores the dark diversity of plant communities at the global scale
11:15-11:30	OC52 Sle-Gee Lee. Literature review on seed dispersal by wind to enhance natural regeneration practices	OC60 Marcelo Sternberg. Climate Futures Now: Experimentally Simulating the Impact of Drought on Mediterranean Ecosystems	OC69 Giacomo Trotta.★ Wildfire severity triggers alien plant invasion in temperate Karst forest	OC75 Riin Tamme. Observed and dark diversity patterns in different ecosystems
11:30-11:45	OC53 Sofia Campana. Land uses and nutrients differently modify plant community temporal and spatial stabilities	OC61 Markus Neupert. Intraspecific plant trait plasticity in estuarine constraints	OC70 Hana Skokanová. Identifying potential habitats for restoration in the Central European Green Belt	OC76 Junichi Fujinuma. Global patterns of vascular plant dark diversity affinity
11:45-12:00	OC54 Sophie Vermeersch. Are peat translocations beneficial to the development of alder carrs (European habitat)	OC62 Martin Kopecký. Atmospheric water demand affects forest plant communities more than soil water supply	OC71 Helena Streit. The biogeography of alien plants in the Rio de la Plata grasslands	OC77 Carlos Perez Carmona. Functional Insights into Global Dark Diversity: Findings from DarkDivNet.
12:00-12:15	OC55 Thuy Hang Le.★ Micro-scale plant diversity in traditional wood pastures	OC63 Nicola Pavanetto. Macroecology of abiotic stress tolerance in woody plants of the Northern Hemisphere	OC72 Irena Axmanova. Alien plants in Europe - a new open dataset in the FloraVeg.EU	
12:15-12:30	OC56 Toby Elliott. Influence of a virulent soil pathogen on understorey sapling population dynamics.	OC64 Niv Demalach. Revising the global biogeography of annual and perennial plants	OC73 Marta Czarniecka-Wiera. Long-term changes in plant species composition during Solidago invaded site restoration	
12:30-12:45	OC57 Vigdis Vandvik. Modelling Ecological state and Condition Maps to support knowledge-based decision-making in Area management and spatial Planning (ECoMAP)	OC65 Pablo Manzano. Fine-scale delimitation of Open Ecosystems through vegetation growth indexes: a proposal		
12:45-13:00	OC58 Virve Söber. Insect-pollinated plants are first to disappear from overgrowing grasslands	OC66 Sara Sánchez-Carmona.★ Plant diversity patterns along woody plant encroachment gradient in sub-mediterranean grasslands		
13:00-14:00	Lunch			

Scientific Programme – Tuesday 17

Tuesday 17 (afternoon)				
14:00-15:00	Plenary session 4 (Room Funchal) EVS: Arnoldo Santos Chair: Alicia Acosta			
15:00-15:30	Coffee-break			
15:30-17:45	Session 4A. (Room Funchal) Restoration, Conservation and Vegetation Management Chair: Helena Streit	Session 4B. (Room Berlim) Future Ecosystems Climate and Land Change Chair: Felicia Fischer	Session 4C. (Room Sidney) European Vegetation Survey Chair: Joop Schaminée	
15:30-15:45	OC78 Jana Müllerová. Wildfire as an interplay between water deficiency, manipulated tree species composition and bark beetle. A remote sensing approach	OC86 Giacomo Puglielli. Functional constraints to abiotic stress polytolerance in Northern Hemisphere woody plants	OC95 Alessandro Silvestre Gristina. Species distribution modelling to identify habitat islands for narrow endemics climate relicts: an update	
15:45-16:00	OC79 Julius Tjelele. Ecology and management of woody plant encroachment: a paradigm shift	OC87 György Kröel-Dulay. Grassland recovery after an extreme drought: what long-term monitoring and field experiments can teach us	OC96 Eva Papastergiadou. Freshwater macrophytes of Mediterranean rivers. Results from an extensive river monitoring campaign	
16:00-16:15	OC80 Kazue Fujiwara. Large-Scale Restoration of Natural Forests based on the Miyawaki Method	OC88 Irati Sanz-Zubizarreta.★ How do changes in hydrological regime affect forest structure in riparian ecosystems?	OC97 Jacopo Iaria.★ Reviewing 30 years of biases, analysis, and trends in vegetation resurvey studies	
16:15-16:30	OC81 László Erdős. Tree plantations have low conservation value despite high taxonomic and functional diversity	OC89 Jérémy Bacon.★ Plant functional diversity through space and time: what happened in the shallow ponds of the Iles Kerguelen for five years?	OC98 Léo Rasse. Evaluation of remote sensing methods for the monitoring of submerged aquatic vegetation	
16:30-16:45	OC82 Leopoldo De Simone. Measuring canopy structural complexity through UAS-based photogrammetric point clouds to assess its effects on understory vegetation of riparian forests	OC90 Jozef Šibík. Revealing the Hidden Tapestry: Exploring Biodiversity Interactions in European Forests Under Different Management	OC99 Luciano Ludovico Maria De Benedictis.★ A fully mapped community approach to unveil the effects of biotic interactions	
16:45-17:00	OC83 Lucia Doni. From Taxonomic, through evolution to functionality: Plant communities in alpine pastures	OC91 Jules Segrestin. Biodiversity loss disrupts seasonal carbon dynamics in a species-rich temperate grassland	OC100 Remigiusz Pielech. Biases in species richness data in large phytosociological databases	
17:00-17:15	OC85 Nicolas De Brabandère. Report on the evolution of 6 Miyawaki forests in Belgium	OC94 Francisco I. Pugnaire. Microbial effects on holm oak (<i>Quercus ilex</i>) germination	OC101 Silvia Cascone. Coastal Dunes in the Northwest of Ireland: Analysing Vegetation and Functional Trends	
17:15-17:30		OC170 Jandt, U. Habitat-specific temporal change of vegetation in Germany	OC102 Svitlana Iemelianova. Syntaxonomical overview of the <i>Crypsiteta aculeatae</i> class in Europe	
17:30-17:45				
17:45-19:00	Poster session P2. European Vegetation Survey; Alien plant species: invasion trends and impacts; Historical Vegetation Ecology; Human disturbance in islands; Restoration, conservation, and vegetation management (I) Chairs: Gianmaria Bonari, Jozef Šibík, Carlos Vila-Viçosa			
17:45-19:00	IAVS Latin America and Caribbean Section Meeting (Room Tóquio)	VCS Editorial Meeting (Room Caracas)	S-Plot Working Group (Room Caracas)	
19:30-21:00	IAVS Council Meeting (Room Tóquio)			

Scientific Programme – Wednesday 18 / Thursday 19

Wednesday 18 (full day)	
09:00-19:00	Mid-Symposium Field Excursions
19:30-21:00	JVS/AVS Editorial Board Meeting (Room Tóquio)

Scientific Programme – Thursday 19

Thursday 19 (morning)																												
09:30-10:30	Plenary session 5 (Room Funchal): Reginald Tang Guuroh Chair: Viktoria Wagner																											
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Scientific Programme – Thursday 19

Thursday 19 (afternoon)		
14:00-15:00 Plenary session 6 (Room Funchal) EVS: Frederic Bioret Chair: Elgene Box		
15:00-15:30 Coffee-break		
15:30-17:45 Session 6A. (Room Funchal) European Vegetation Survey Chair: Idoia Biurrun	15:30-17:45 Session 6B. (Room Berlin) Restoration, Conservation and Vegetation Management Chair: Corrado Marceno	15:30-17:45 Session 6C. (Room Sidney) Biogeography and Evolution in Island Ecosystems Chair: Glenda Mendieta-Leiva
15:30-15:45 OC126 Wolfgang Willner. Phytosociological revision of the dry and semi-dry grasslands of the Eastern Alps	15:30-15:45 OC135 Andra Dalbeto. Impact of Water Table Depth on Cerrado Wetland Plant Communities	15:30-15:45 OC143 John Janssen. Vegetation changes on the Dutch Caribbean islands over 25 years
15:45-16:00 OC127 Alessandra Pollo. Monitoring of vulnerable habitats to climate change in the Western Alps	15:45-16:00 OC136 Anna Kuzemko. Plant cover of the former Kakhovka Reservoir, Ukraine	15:45-16:00 OC144 Kirill Korznikov. Flora and vegetation of the Kuril Islands from the Northwest Pacific
16:00-16:15 OC128 Borja Jiménez-Alfaro. Measuring water stress in alpine ecosystems	16:00-16:15 OC137 Arianna Ferrara. Unraveling short-term changes in taxonomic and functional diversity within an old-growth forest	16:00-16:15 OC145 Karl Hülber. Losses in plant diversity despite strong protection: Wet grasslands dry out in the NP Donau-Auen, Austria
16:15-16:30 OC129 Clara Espinosa Del Alba. Seeding functional traits along alpine environmental gradients	16:15-16:30 OC138 Arthur Cupertino. Challenges in the monitoring of floodplain vegetation diversity with remote sensing	16:15-16:30 OC147 Nathaly Guerrero Ramírez. Biodiversity monitoring of island ecosystems (BioMonI)
16:30-16:45 OC130 Flavia Landucci. Nomenclature revision and distribution maps of the syntaxa included in the orders <i>Phragmitetalia</i> and <i>Bolboschoenetalia maritimi</i> in Europe	16:30-16:45 OC139 Béla Tóthmérész. The importance of pristine grassland fragments supporting and/or restoring grassland biodiversity	16:30-16:45 OC148 Sonya Geange. The importance of intraspecific trait variation in dwarf shrubs across coastal, alpine and arctic heathlands
16:45-17:00 OC131 Carsten Hohobm. European flora revisited	16:45-17:00 OC140 Charl Clarke. <i>Crinum bulbispermum</i> , a Medicinal Geophyte with Phytostabilization Properties in Metal-Enriched Mine Tailings	16:45-17:00 OC149 Stephni Van Der Merwe. Vegetation change on sub-Antarctic Marion Island: ecological drivers and impacts of change
17:00-17:15 OC132 Milan Chytrý. Recent developments in the standard European vegetation classification	17:00-17:15 OC141 Daniel Gebler. Development and diversity of macrophytes in small urban freshwater ecosystems	17:00-17:15 OC150 Zhekun Zhou. Heterogeneous origin of evergreen broad-leaved forests in East Asia
17:15-17:30 OC133 Nina Fahs. Biogeography of angiosperm parasites in Europe	17:15-17:30 OC142 Małgorzata Raduła. Plant functional composition and ecological niche distribution across urban grasslands	
17:30-17:45 OC134 Rossen Tzonev. Relict forest communities of the Balkan endemic <i>Aesculus hippocastanum</i>		
17:45-19:00 Poster session P3. Restoration, conservation, and vegetation management (II) Chairs: Miguel Sequeira, Manuela Gouveia, Guillaume Decocq		
17:45-19:00 EVS Business Meeting (Room Tóquio)	17:45-19:00 GrassPlot Working Group (Room Tóquio)	
19:30-21:00 Symposium Dinner		

Scientific Programme – Friday 20

Friday 20 (full day)																									
09:30-10:30	Plenary session 7 (Room Funchal): Alessandra Fidelis Chair: Martin Diekmann																								
10:30-11:00	Coffee-break																								
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15:00-15:30	Coffee-break																								
15:30-16:30	IAVS General Assembly (Room Funchal)																								
16:30-17:00	Closing Ceremony (Room Funchal)																								
17:00-17:45	Phytosociological Nomenclature Working Group (Room Tôquio)																								

Posters List – Monday 16

Poster Session P1

P1-A | Chair: Sandra Mesquita

Biogeography and Evolution in Island Ecosystems

- Balázs Deák.** Environmental heterogeneity drives plant trait distributions in terrestrial habitat islands
 - Michele Mugnai.**★ Revisiting the small Mediterranean island of Pianosa (Italy)
 - Enad Jasprica.** The review of the vegetation research on Eastern Adriatic islands (Croatia)
 - Francesco Boscutti.** Tracing vegetation dynamics on river islands by remote sensing
 - Catarina Gomes.** *Musschia wollastonii* Lowe (Campanulaceae): mixed-mating system and floral visitors communities do not corroborate outcrossing ornithophilous traits
 - Miguel Menezes de Sequeira.**★ Comments on the morphology and taxonomy of *Musschia aurea* (L.f.) Dumort. (Campanulaceae) an endemic species of the Madeira archipelago (Portugal)
 - Manuela Gouveia.** Genetic diversity and molecular taxonomy of *Andryala* (Asteraceae) based on ISSR markers
 - Carlos A. Góis-Marques.** How old is the presence of the Canary pine forests in the Canary Islands?
 - Manuela Winkler.** Drivers of changes in plant species diversity on Europe's mountain tops
- ##### Future Ecosystems Climate and Land Change
- Slendry Rodriguez Alarcon.**★ Beyond drought: intraspecific variability in fine-root traits outpaces aboveground traits in herbaceous
 - Marco Chiminazzo.**★ Native vs. planted pastures: how is grazing affecting tropical savannas?

P1-B | Chair: Zoltan Botta-Dukat

Future Ecosystems Climate and Land Change

- Neuenkamp Lena.** The effect of plant functional diversity on dryland plant-soil interactions and functioning
 - Marie Vymazalová.** Drought legacies in the Central European mountains. Will subalpine grasslands disappear there?
 - Jules Segrestin.** A unified framework for partitioning the drivers of stability of ecological communities
- ##### Ecoinformatics and Models in Vegetation Science
- Toshikazu Matsumura.** Developing automatic conversion system from printings into digital data by object detection
 - Gabriella Damasceno.** sPlotOpenR: an R package for accessing and working with the open versions of sPlot
 - Michela Perrone.** Chronicles of Spectral Diversity: Unraveling Plant Alpha and Beta Diversity in Grasslands through a Multitemporal Lens
 - Domas Uogintas.** KELVEG - the database of roadside vegetation in Lithuania
 - Aljaž Jakob.** 3D Terrestrial Laser Scanning for modelling and mapping of the distribution of *Paenonia officinalis*: case study of dolines on Kras Plateau
 - Jürgen Dengler.** Ecological Indicator Values for Europe (EIVE): version 1.5 and comparative test
 - Iwona Dembicz.** Macroecological modelling of multi-scale alpha diversity patterns of Palearctic grasslands

P1-C | Chair: Ricarda Pätzsch

Future Ecosystems Climate and Land Change

- Simone Eusebio Bergò.**★ Resurvey of grasslands vegetation in the Western Italian Alps
- Mária Šibíková.** Carbon Sequestration Showdown: Comparing Ecosystem Services in Native and Alien-Dominated Forest Habitats
- Oksana Tyshchenko.** Morphodynamics and Vegetation Changes in Azov-Type Spits Using Earth Remote Sensing Data
- Riccardo Guarino.** Functional and biological diversity of wild edible plants in Italy
- Olha Chusova.** Scale-dependency of grasslands niche dimensions varies with the harshness of environmental conditions
- Halime Moradi.** Dependency of seedling establishment on safe sites in the Alborz Mountains, N. Iran
- Sebastian Świercz.** Taxonomic and functional diversity of temperate grasslands affected by extreme climate events
- Sebastian Świercz.** How does passive warming affect the taxonomic diversity of semi-natural grasslands?
- Jan Wild.** Microclimate affects forest recovery pattern after stand-replacing bark beetle disturbance
- Ludovica Oddi.** Consequences of ten-year abandonment in a subalpine grassland: soil and litter decomposition changes
- Per-Ola Hedwall.** Two shades of green: tree species governs the drought effects on bilberry

Posters List – Tuesday 17

Poster Session P2

P2-A | Chair: **Gianmaria Bonari**

European Vegetation Survey

- 38 **Károly Penksza**. Endemic *Festuca* species of the sandy area in the Carpathian Basin
- 39 **Svitlana Iemelianova**. Database of Annual Wetland Vegetation of Ukraine
- 40 **Thomas Leclere**. Phylogenetic patterns among European threatened plant species
- 41 **Michele Di Musciano**. Abiotic factors shape plant co-occurrence affinities
- 42 **Liubov Borsukevych**. Classification of the floodplain forests and shrubs of the Dnieper river (Ukraine)
- 43 **Friedemann Von Lampe**. How gradients of climate and soil determine Mediterranean annual-rich dryland vegetation
- 44 **Dariia Borovyk**. Benchmarks of species richness in Palaearctic grassland classes
- 45 **Andraž Čarni**. Classification of small-scale forest communities in geomorphological diverse landscapes of the Kras plateau
- 46 **Urban Šilc**. *Exsertotheco crispae-Ramondion serbicae* new alliance of chasmophytic communities of limestone crevices in deep continental gorges in submontane to montane altitudinal zone
- 47 **Rossen Tzonev**. Vegetation types and habitats with participation of local endemic plant species – a comparison between the silicate and carbonate parts of Northern Pirin Mts., Bulgaria
- 49 **Michaela Vítková**. Syntaxonomy of *Robinia pseudoacacia* stands across Europe: a revision, review, and reinterpretation
- 50 **Kalina Pachedjieva**. Host range and community preferences of *Cuscuta* species in Bulgaria
- 51 **Urban Šilc**. Ecological niche breadth changes along the continental gradient in European weed species

P2-B | Chair: **Jozef Sibik**

European Vegetation Survey

- 52 **Andrej Rozman**. Vegetation dynamics in the lowland old-growth forest Krakovo (Slovenia) from 1978 to 2023: A study of species composition and ecological changes
 - 53 **Filip Kůzmič**. Geographic patterns in alpha diversity of European annual weed and ruderal vegetation
 - 54 **Laure Sirvent**. An overview of Causse du Larzac grasslands (France)
 - 55 **Vedran Šegota**. Sand dune and salt marsh vegetation diversity along the soil moisture and salinity gradients: Example from the Eastern Adriatic (Croatia)
- #### Historical Vegetation Ecology
- 56 **Simona Sarmati**. Changes in biodiversity in coastal dunes after forty years
 - 57 **Jan Divišek**. The effect of long-term continuous habitat representation on current plant species richness in Europe
 - 58 **Deborah Closset**. Do polemo-forest plant communities remember pre-WWI land-use?
 - 59 **Sandra Mesquita**. Plant lists and altitudinal belts as 19th century approaches to vegetation science: examples from Madeira Island
- #### Restoration, Conservation and Vegetation Management
- 60 **Lauma Keire**. Enhancing plant species diversity in urban lawns
 - 61 **Mariana Prokopuk**. Satellite remote sensing of macrophytes and regional assessment of vulnerable aquatic habitats
 - 62 **Orsolya Valkó**. The role of rodents and birds as ecosystem engineers in Eurasian grasslands
 - 64 **Yuliia Rozenblit**. Assessing grazing intensity effects on phytodiversity in Podillia's meadow-steppe grasslands
 - 65 **Lesya Zub**. Assessment of the environmental impact of hostilities on continental endangered habitats

P2-C | Chair: **Carlos Vila-Viçosa**

Human Disturbance in Islands

- 66 **Maria Câmara**. First record of *Heliethrips haemorrhoidalis* (Bouché, 1833) (Thysanoptera: Thripidae) on *Muschia aurea* (L.f.) Dumort. (Campanulaceae), an endemic species of the Madeira archipelago (Portugal)
- #### Molecular Approaches for Plant Communities
- 67 **Remigiusz Pielech**. Patterns of genetic diversity of vascular plants in riparian forests
- #### Alien Plant Species: Invasion Trends and Impacts
- 68 **Monika Mysliwy**. Effects of habitat condition on native and invasive *Impatiens* species fitness components
 - 69 **Michiro Fujihara**. The stand-level influence of wild boars on an invasive bamboo forest
 - 70 **Letícia Giacom**. Invasive grasses can lead to legacy effects through changes in belowground community
 - 71 **Bruno Paganelli**. Where current and future alien species might come from?
 - 72 **Michaela Vítková**. Monitoring native and alien species spread to alpine tundra: botanical research and airborne technology combined to assess conservation risk
 - 73 **Greta La Bella**. Unravelling the effects of global change and native community functional structure on the spread of non-native species along mountain roads
 - 74 **Valerijus Rašomavičius**. Methodology and key findings of the alien and invasive plant inventory: the case of Lithuania
 - 75 **Marta Czarniecka-Wiera**. The importance of *Lupinus polyphyllus* for the biodiversity and productivity of grasslands
 - 76 **Attila Lengyel**. Fine-scale dominance of invasive herbs does not alter landscape-scale diversity patterns of sandy old-fields
 - 77 **Felipe Domínguez Lozano**. Urban native and non native plants in seminatural habitats: a trait and a rarity perspective

Posters List – Thursday 19

Poster Session P3

P3-A | Chair: **Miguel Sequeira**

Restoration, Conservation and Vegetation Management

- 78 **Raissa Iana Leite Jardim**. Woody encroachment viewed through trait integration in forest-grassland mosaics from southern Brazil
- 79 **Lyubov Felbaba-Klushyna**. Endemic communities of lilac alder in Carpathians: current status, prospects for conservation
- 80 **Tünde Irén Szabó-Szöllösi**. Seed germination of two sandy grassland *Festuca* species in various soil mixtures
- 81 **Jennifer Fill**. For plants under fire, it's all about survival
- 82 **Lyubov Felbaba-Klushyna**. Rare phytocoenofound of Ukraine
- 83 **Iryna Rabyk**. Peculiarities of bryophyte communities of the Ukrainian part Eastern Carpathians
- 84 **Katarína Hegedúšová Vantarová**. Changes in diversity of European and national important grassland vegetation in Slovakia
- 85 **Iveta Škodová**. Long-term impact of restoration management on dry grassland habitats
- 86 **Clement Cupido**. Botanical Conservation and Restoration Efforts in the Gouritz Cluster Biosphere Reserve
- 87 **Célia Bairos**. Georeferencing and mapping "Monte Palace Madeira – Tropical Garden" botanical collection: first results
- 88 **Anaclara Guido**. Cattle dung contributes restore degraded grasslands, but caution on invasive species transfer
- 89 **Magdalena Szymura**. Urban grasslands' patches – islands in the cityscape
- 90 **Cecilia Ríos Mendaro**. Old-fields restoration in Uruguayan grasslands: the resilience of the native community

P3-B | Chair: **Manuela Gouveia**

Restoration, Conservation and Vegetation Management

- 91 **Dariia Borovyk**. Impact of mowing intensity on plant diversity of Central European broad-leaved grasslands
- 92 **Lubov Borsukiewicz**. Anthropogenic changes in the vegetation of Ermakiv Island (Danube Delta, Ukraine)
- 93 **Jokin Belmonte Torres**. Forest understory on the edge: unraveling diversity drivers in mesic-oak forests
- 94 **Vladimír Nemček**. Symphony of the Forest - Vegetation, Bat Activity and Acoustic Diversity
- 95 **Marcos Carlucci**. Natural regeneration enhances ecosystem multifunctionality, but species addition increases it during restoration
- 96 **Elielson Ferreira**. Beta-diversity patterns between adults and juveniles reveal the trajectory of forest expansion
- 97 **Raissa Iana Jardim**. Unveiling above- and below-ground ecological strategies underlying woody plant encroachment in grasslands
- 98 **Simona Sarmati**. A complex interplay shapes plant diversity patterns in Mediterranean coastal dunes
- 99 **Polina Dayneko**. Ploughing legacy in traditional Carpathian grasslands
- 100 **Andiswa Finca**. Drought mitigation strategies to promote sustainable livestock production in the grassland and savanna biomes in South Africa
- 101 **Martina Livornese**. Monitoring the health of global forest ecosystems
- 102 **Simonetta Bagella**. Unravelling the Biases: A Sardinian Perspective on Taxonomic, Spatial, and Temporal Biases in Vascular Plant Biodiversity Data from GBIF

P3-C | Chair: **Guillaume Decocq**

Restoration, Conservation and Vegetation Management

- 103 **Laiye Qu**. The plant and soil linkage during vegetation restoration at dump sites of open-pit mine in an alpine region in Inner Mongolia
 - 104 **Tae Kyung Yoon**. Predicting seed Dispersal by wind to support natural regeneration in pine and larch stands
 - 105 **Kacper Foremnik**. Differences in vertical patterns of ungulate browsing among functional groups of trees
 - 106 **Laura Godó**. My Wildflower Garden – A project to support native plant species in residential areas
 - 107 **Daniela Dúbravková**. How management practices shape grassland plant diversity in the Slovak borderland
 - 108 **Natalia Pashkevych**. Demutation of vegetation on industrial sites of sugar mills
 - 109 **Rut Sánchez de Dios**. Differences in functional diversity between recent and ancient forests
 - 110 **Stephni Van Der Merwe**. Ecological condition mapping in South Africa – the SBAPP project
 - 111 **Marco Dinis**. Towards rewilding: Estimating a restoration potential index for Iberian eucalyptus plantations
 - 112 **Andrea McIntosh-Buday**. High species richness of sheep-grazed sand pastures is driven by disturbance tolerant and weedy short-lived species
 - 113 **Maria Pilar Rodríguez-Rojo**. Floristic and Functional analysis of Dehesa grasslands under different types of management
 - 114 **Małgorzata Raduła**. Biomass allocation and quality in grassland vegetation
- #### Alien Plant Species: Invasion Trends and Impacts
- 115 **Lado Kutnar**. Resurvey study revealed the proliferation of neophytes in oak forests in Slovenia

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