



**32<sup>nd</sup> CONFERENCE**

**EVS**

**Vegetation of sea,  
oceanic and ecological  
islands of Europe**

**66<sup>th</sup> 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](http://www.iavsportugal2024.com)

### ORGANIZATION



Instituto Nacional de  
Investigação Agrária e  
Veterinária, I.P.



## Scientific Programme – Sunday 15 / Monday 16

### 66<sup>th</sup> ANNUAL SYMPOSIUM IAVS | 32<sup>nd</sup> EVS CONFERENCE

Sunday 15 (afternoon)																														
15:00-17:45	REGISTRATION																													
Monday 16 (morning)																														
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09:00-09:30	Opening session																													
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## Scientific Programme – Tuesday 17

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09:30-10:30	Plenary session 3 (Room Funchal): <b>Ladislav Mucina</b>   Chair: <b>Robert Peet</b>			
10:30-11:00	Coffee-break			
11:00-13:00	<b>Session 3A.</b> (Room Funchal) <b>Restoration, Conservation and Vegetation Management</b> Chair: <b>Anna Kuzemko</b>	<b>Session 3B.</b> (Room Berlim) <b>Future Ecosystems Climate and Land Change</b> Chair: <b>Denys Vynokurov</b>	<b>Session 3C.</b> (Room Sidney) <b>Alien Plant Species: Invasion Trends and Impacts</b> Chair: <b>Fabio Attorre</b>	<b>Special Session 3D.</b> (Room Caracas) <b>Dark diversity</b> Chair: <b>Meelis Pärtel</b>
11:00-11:15	<b>OC51 Scott Franklin.</b> Sagebrush Restoration and the Question of Seed Provenance	<b>OC59 Manuele Bazzichetto.</b> Biodiversity-mediated mechanisms of ecosystem's response to compound dry-hot extreme events	<b>OC67 Adrián Lázaro-Lobo.</b> Understanding invasion patterns at the ecoregional scale	<b>OC74 Meelis Pärtel.</b> DarkDivNet explores the dark diversity of plant communities at the global scale
11:15-11:30	<b>OC52 Sle-Gee Lee.</b> Literature review on seed dispersal by wind to enhance natural regeneration practices	<b>OC60 Marcelo Sternberg.</b> Climate Futures Now: Experimentally Simulating the Impact of Drought on Mediterranean Ecosystems	<b>OC69 Giacomo Trotta.</b> Wildfire severity triggers alien plant invasion in temperate Karst forest	<b>OC75 Riin Tamme.</b> Observed and dark diversity patterns in different ecosystems
11:30-11:45	<b>OC53 Sofia Campana.</b> Land uses and nutrients differently modify plant community temporal and spatial stabilities	<b>OC61 Markus Neupert.</b> Intraspecific plant trait plasticity in estuarine constraints	<b>OC70 Hana Skokanová.</b> Identifying potential habitats for restoration in the Central European Green Belt	<b>OC76 Junichi Fujinuma.</b> Global patterns of vascular plant dark diversity affinity
11:45-12:00	<b>OC54 Sophie Vermeersch.</b> Are peat translocations beneficial to the development of alder carrs (European habitat)	<b>OC62 Martin Kopecký.</b> Atmospheric water demand affects forest plant communities more than soil water supply	<b>OC71 Helena Streit.</b> The biogeography of alien plants in the Rio de la Plata grasslands	<b>OC77 Carlos Perez Carmona.</b> Functional Insights into Global Dark Diversity: Findings from DarkDivNet.
12:00-12:15	<b>OC55 Thuy Hang Le.</b> Micro-scale plant diversity in traditional wood pastures	<b>OC63 Nicola Pavanetto.</b> Macroecology of abiotic stress tolerance in woody plants of the Northern Hemisphere	<b>OC72 Irena Axmanova.</b> Alien plants in Europe - a new open dataset in the FloraVeg.EU	
12:15-12:30	<b>OC56 Toby Elliott.</b> Influence of a virulent soil pathogen on understorey sapling population dynamics.	<b>OC64 Niv Demalach.</b> Revising the global biogeography of annual and perennial plants	<b>OC73 Marta Czarniecka-Wiera.</b> Long-term changes in plant species composition during Solidago invaded site restoration	
12:30-12:45	<b>OC57 Vigdis Vandvik.</b> Modelling Ecological state and Condition Maps to support knowledge-based decision-making in Area management and spatial Planning (ECoMAP)	<b>OC65 Pablo Manzano.</b> Fine-scale delimitation of Open Ecosystems through vegetation growth indexes: a proposal		
12:45-13:00	<b>OC58 Virve Söber.</b> Insect-pollinated plants are first to disappear from overgrowing grasslands	<b>OC66 Sara Sánchez-Carmona.</b> 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)   <b>EVS: Arnoldo Santos</b>   Chair: <b>Alicia Acosta</b>			
15:00-15:30	Coffee-break			
15:30-17:45	<b>Session 4A.</b> (Room Funchal) <b>Restoration, Conservation and Vegetation Management</b> Chair: <b>Helena Streit</b>	<b>Session 4B.</b> (Room Berlim) <b>Future Ecosystems Climate and Land Change</b> Chair: <b>Felicia Fischer</b>	<b>Session 4C.</b> (Room Sidney) <b>European Vegetation Survey</b> Chair: <b>Joop Schaminée</b>	
15:30-15:45	<b>OC78 Jana Müllerová.</b> Wildfire as an interplay between water deficiency, manipulated tree species composition and bark beetle. A remote sensing approach	<b>OC86 Giacomo Puglielli.</b> Functional constraints to abiotic stress polytolerance in Northern Hemisphere woody plants	<b>OC95 Alessandro Silvestre Gristina.</b> Species distribution modelling to identify habitat islands for narrow endemics climate relicts: an update	
15:45-16:00	<b>OC79 Julius Tjelele.</b> Ecology and management of woody plant encroachment: a paradigm shift	<b>OC87 György Kröel-Dulay.</b> Grassland recovery after an extreme drought: what long-term monitoring and field experiments can teach us	<b>OC96 Eva Papastergiadou.</b> Freshwater macrophytes of Mediterranean rivers. Results from an extensive river monitoring campaign	
16:00-16:15	<b>OC80 Kazue Fujiwara.</b> Large-Scale Restoration of Natural Forests based on the Miyawaki Method	<b>OC88 Irati Sanz-Zubizarreta.</b> How do changes in hydrological regime affect forest structure in riparian ecosystems?	<b>OC97 Jacopo Iaria.</b> Reviewing 30 years of biases, analysis, and trends in vegetation resurvey studies	
16:15-16:30	<b>OC81 László Erdős.</b> Tree plantations have low conservation value despite high taxonomic and functional diversity	<b>OC89 Jérémy Bacon.</b> Plant functional diversity through space and time: what happened in the shallow ponds of the Iles Kerguelen for five years?	<b>OC98 Léo Rasse.</b> Evaluation of remote sensing methods for the monitoring of submerged aquatic vegetation	
16:30-16:45	<b>OC82 Leopoldo De Simone.</b> Measuring canopy structural complexity through UAS-based photogrammetric point clouds to assess its effects on understory vegetation of riparian forests	<b>OC90 Jozef Šibík.</b> Revealing the Hidden Tapestry: Exploring Biodiversity Interactions in European Forests Under Different Management	<b>OC99 Luciano Ludovico Maria De Benedictis.</b> A fully mapped community approach to unveil the effects of biotic interactions	
16:45-17:00	<b>OC83 Lucia Doni.</b> From Taxonomic, through evolution to functionality: Plant communities in alpine pastures	<b>OC91 Jules Segrestin.</b> Biodiversity loss disrupts seasonal carbon dynamics in a species-rich temperate grassland	<b>OC100 Remigiusz Pielech.</b> Biases in species richness data in large phytosociological databases	
17:00-17:15	<b>OC85 Nicolas De Brabandère.</b> Report on the evolution of 6 Miyawaki forests in Belgium	<b>OC94 Francisco I. Pugnaire.</b> Microbial effects on holm oak ( <i>Quercus ilex</i> ) germination	<b>OC101 Silvia Cascone.</b> Coastal Dunes in the Northwest of Ireland: Analysing Vegetation and Functional Trends	
17:15-17:30		<b>OC170 Jandt, U.</b> Habitat-specific temporal change of vegetation in Germany	<b>OC102 Svitlana Iemelianova.</b> Syntaxonomical overview of the <i>Crypteteta aculeatae</i> class in Europe	
17:30-17:45				
17:45-19:00	<b>Poster session P2.</b> <b>European Vegetation Survey; Alien plant species: invasion trends and impacts; Historical Vegetation Ecology; Human disturbance in islands; Restoration, conservation, and vegetation management (I)</b> Chairs: <b>Gianmaria Bonari, Jozef Šibík, Carlos Vila-Viçosa</b>			
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): <b>Reginald Tang Guuroh</b>   Chair: <b>Viktoria Wagner</b>																													
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## Scientific Programme – Thursday 19

Thursday 19 (afternoon)		
14:00-15:00 Plenary session 6 (Room Funchal)   EVS: <b>Frederic Bioret</b>   Chair: <b>Elgene Box</b>		
15:00-15:30 Coffee-break		
15:30-17:45 <b>Session 6A. (Room Funchal) European Vegetation Survey Chair: <b>Idoia Biurrun</b></b>	15:30-17:45 <b>Session 6B. (Room Berlin) Restoration, Conservation and Vegetation Management Chair: <b>Corrado Marceno</b></b>	15:30-17:45 <b>Session 6C. (Room Sidney) Biogeography and Evolution in Island Ecosystems Chair: <b>Glenda Mendieta-Leiva</b></b>
15:30-15:45 <b>OC126 Wolfgang Willner.</b> Phytosociological revision of the dry and semi-dry grasslands of the Eastern Alps	15:30-15:45 <b>OC135 Andra Dalbeto.</b> Impact of Water Table Depth on Cerrado Wetland Plant Communities	15:30-15:45 <b>OC143 John Janssen.</b> Vegetation changes on the Dutch Caribbean islands over 25 years
15:45-16:00 <b>OC127 Alessandra Pollo.</b> Monitoring of vulnerable habitats to climate change in the Western Alps	15:45-16:00 <b>OC136 Anna Kuzemko.</b> Plant cover of the former Kakhovka Reservoir, Ukraine	15:45-16:00 <b>OC144 Kirill Korznikov.</b> Flora and vegetation of the Kuril Islands from the Northwest Pacific
16:00-16:15 <b>OC128 Borja Jiménez-Alfaro.</b> Measuring water stress in alpine ecosystems	16:00-16:15 <b>OC137 Arianna Ferrara.</b> Unraveling short-term changes in taxonomic and functional diversity within an old-growth forest	16:00-16:15 <b>OC145 Karl Hülber.</b> Losses in plant diversity despite strong protection: Wet grasslands dry out in the NP Donau-Auen, Austria
16:15-16:30 <b>OC129 Clara Espinosa Del Alba.</b> Seeding functional traits along alpine environmental gradients	16:15-16:30 <b>OC138 Arthur Cupertino.</b> Challenges in the monitoring of floodplain vegetation diversity with remote sensing	16:15-16:30 <b>OC147 Nathaly Guerrero Ramírez.</b> Biodiversity monitoring of island ecosystems (BioMonI)
16:30-16:45 <b>OC130 Flavia Landucci.</b> 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 <b>OC139 Béla Tóthmérész.</b> The importance of pristine grassland fragments supporting and/or restoring grassland biodiversity	16:30-16:45 <b>OC148 Sonya Geange.</b> The importance of intraspecific trait variation in dwarf shrubs across coastal, alpine and arctic heathlands
16:45-17:00 <b>OC131 Carsten Hobohm.</b> European flora revisited	16:45-17:00 <b>OC140 Charl Clarke.</b> <i>Crinum bulbisperrum</i> , a Medicinal Geophyte with Phytostabilization Properties in Metal-Enriched Mine Tailings	16:45-17:00 <b>OC149 Stephni Van Der Merwe.</b> Vegetation change on sub-Antarctic Marion Island: ecological drivers and impacts of change
17:00-17:15 <b>OC132 Milan Chytrý.</b> Recent developments in the standard European vegetation classification	17:00-17:15 <b>OC141 Daniel Gebler.</b> Development and diversity of macrophytes in small urban freshwater ecosystems	17:00-17:15 <b>OC150 Zhekun Zhou.</b> Heterogeneous origin of evergreen broad-leaved forests in East Asia
17:15-17:30 <b>OC133 Nina Fahs.</b> Biogeography of angiosperm parasites in Europe	17:15-17:30 <b>OC142 Małgorzata Raduła.</b> Plant functional composition and ecological niche distribution across urban grasslands	
17:30-17:45 <b>OC134 Rossen Tzonev.</b> Relict forest communities of the Balkan endemic <i>Aesculus hippocastanum</i>		
17:45-19:00 Poster session P3. <b>Restoration, conservation, and vegetation management (II)</b> Chairs: <b>Miguel Sequeira, Manuela Gouveia, Guillaume Decocq</b>		
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): <b>Alessandra Fidelis</b>   Chair: <b>Martin Diekmann</b>																					
10:30-11:00	Coffee-break																					
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The effects of white-poppinac on regenerating seasonal forests propagate across spatial scales</td> <td><b>OC159</b> Mary Carmen Cobo. Role of facilitation/competition among Mediterranean plant life forms in soil-vegetation spatial pattern development under an increasing aridity</td> <td><b>OC165</b> Zoltán Botta-Dukat. Confirmatory Factor Analysis: a new way to explore correlation structure of traits</td> </tr> <tr> <td>11:30-11:45 <b>OC154</b> Patricia Elizabeth Diaz Cando. The effect of <i>Sporobolus cryptandrus</i> litter versus native litter on grassland species</td> <td><b>OC160</b> Jalil Noroozi. Population response of mountain species to past climate change is independent from their elevational zone</td> <td><b>OC166</b> Eleonora Beccari. Plant Size: Unifying Above and Belowground Dimensions</td> </tr> <tr> <td>11:45-12:00 <b>OC155</b> Soizig Le Stradic. Variation in root functional traits and high root biomass allow African grass species to invade tropical open savannas in Brazil</td> <td><b>OC162</b> Maral Bashirzadeh. Space-dependent phylogenetic signals in Palearctic grasslands, role of space on phylogenetic diversity</td> <td><b>OC167</b> Elham Ebrahimi. Shadows of the Past: How Historical Climates Sculpt Contemporary Plant Patterns</td> </tr> <tr> <td>12:00-12:15 <b>OC156</b> Viktoria Wawagner. Propagule pressure and soil disturbance diminish plant community resistance to invasion across habitat types</td> <td><b>OC163</b> Szymura Tomasz. Genetic structure of common grassland species population at landscape scale and its consequence for grassland conservation</td> <td><b>OC168</b> Teja Kattenborn. Deadtrees. earth - an open, dynamic database for accessing, contributing, analyzing, and visualizing remote sensing-based tree mortality data</td> </tr> <tr> <td>12:15-12:30 <b>OC157</b> Zdenka Lososová. 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The effects of white-poppinac on regenerating seasonal forests propagate across spatial scales	<b>OC159</b> Mary Carmen Cobo. Role of facilitation/competition among Mediterranean plant life forms in soil-vegetation spatial pattern development under an increasing aridity	<b>OC165</b> Zoltán Botta-Dukat. Confirmatory Factor Analysis: a new way to explore correlation structure of traits	11:30-11:45 <b>OC154</b> Patricia Elizabeth Diaz Cando. The effect of <i>Sporobolus cryptandrus</i> litter versus native litter on grassland species	<b>OC160</b> Jalil Noroozi. Population response of mountain species to past climate change is independent from their elevational zone	<b>OC166</b> Eleonora Beccari. Plant Size: Unifying Above and Belowground Dimensions	11:45-12:00 <b>OC155</b> Soizig Le Stradic. Variation in root functional traits and high root biomass allow African grass species to invade tropical open savannas in Brazil	<b>OC162</b> Maral Bashirzadeh. 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12:30-14:00	Lunch																					
14:00-15:00	Plenary session 8 (Room Funchal): <b>Pierre Legendre</b>   Chair: <b>Milan Chytrý</b>																					
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 Tóquio)																					

## 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 ornitophilous 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 Divíšek**. 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 Myśliwy**. 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-Szőllösi**. 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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