

16.00	<b>REGISTRATION</b> Botanical Garden of the University of Tartu	<b>NB!</b> Presentations marked in yellow represent candidates for the IAVS Young Scientist Awards!
19.00-22.00	<b>WELCOME RECEPTION</b> Botanical Garden of the University of Tartu	

## 26.06.2013 Wednesday

8.00	<b>REGISTRATION</b> Dorpat Conference Centre			
9.00	<b>OPENING CEREMONY – STRUVE</b>			
	<b>PLENARY LECTURES</b> chair Martin Zobel			
9.30	<b>Ray Callaway</b> Positive interactions and interdependence in the organization of plant communities			
10.30	<b>Ove Eriksson</b> Species pools in cultural landscapes: Niche construction, ecological opportunity and niche shifts			
11.10	<b>COFFEE BREAK</b>			
	<b>STRUVE I</b>	<b>STRUVE II</b>	<b>BAER</b>	<b>PETERSON</b>
	<b>Global warming</b> chair Ole R. Vetaas	<b>Grassland function and diversity</b> chair Jesse Kalwij	<b>Biotic interactions and communities</b> chair Michael Manthey	<b>Plant traits and vegetation</b> chair Mikael Lönn
11.40	<b>John-Arvid Grytnes</b> Elevational shifts in plant communities is more pronounced at high elevations	<b>Leslie Mauchamp</b> Contrasted responses of taxonomic, phylogenetic and functional diversity to grassland management	<b>Raisa Mäkipää</b> Biodiversity and ecosystem functioning – testing in different scales from fungal community to bryophytes and boreal tree species	<b>Sebastian Schmidlein</b> Competing plant functional types: A dynamic, spatially explicit model for landscape scales
12.00	<b>Neal Enright</b> Altered fire regimes and demographic responses combine to threaten plant species persistence as climate warms	<b>Yoann Le Bagousse-Pinguet</b> Functional niche overlap promotes species richness through equalizing effects in limestone grasslands: evidence from within-, between- and total functional diversities	<b>Ondrej Mudrák</b> Hemiparasitic <i>Rhinanthus minor</i> effects on trait composition of grassland community	<b>Peter Vesk</b> Functional traits incorporated in hierarchical species distribution models
12.20	<b>Siri Lie Olsen</b> Biotic interactions limit species richness in an alpine plant community, especially under experimental warming	<b>Andreas Stampfli</b> Resilience of semi-natural grassland: summer drought alters fine-scale diversity-invasibility relationship	<b>Asuka Koyama</b> Density-dependent facilitation regulates population dynamics of herbaceous plants in a semi-arid Mongolian steppe	<b>Maria Majekova</b> Species traits and environmental conditions as the basic determinants of population stability
12.40	<b>Philip Grime</b> Community responses to seasonally applied warming: a long-term microcosm experiment	<b>Vanessa Minden</b> Ecosystem multifunctionality is determined by key plant traits: evidence from a salty grassland	<b>Moisés Guardiola</b> Extinction and extinction debt of plants and butterflies in Mediterranean grasslands: direct and indirect effects of patch and landscape characteristics on species density and richness	<b>Adam Kimberley</b> Trait composition of forest patches: Does spatial structure matter more than local conditions?
13.00	<b>LUNCH</b>			
	<b>SS: Productivity and diversity</b> chair Lauchlan Fraser	<b>Restoration ecology</b> chair Peter Poschlod	<b>Distributions, niches and vegetation</b> chair Jodi Price	<b>SS: Past vegetation</b> chair Petr Kuneš
14.30	<b>Lauchlan Fraser</b> Is there a unimodal relationship between species richness and biomass in herbaceous plant communities? A global, multi-scale investigation	<b>Rob Marrs</b> The role of resistance and resilience in ecological restoration	<b>Jakub Tesitel</b> Modelling of niches of Central European root-hemiparasitic species	<b>Radim Hedl</b> Linking past with present: towards a wise use of analogues in vegetation ecology
14.50	<b>Amanda Schmidt</b> An investigation of the relationship between herbaceous species richness and soil nutrients at the square meter scale	<b>Gillian Rapson</b> Is restoration succeeding? Testing against the criteria of the SER primer	<b>Leho Tedersoo</b> Reciprocal effects of plant communities and below-ground communities: lessons from mycorrhizal fungi	<b>Sandra Nogue</b> The role of long-term environmental records in the biodiversity conservation of the Canary Islands
15.10	<b>Carl Beierkuhnlein</b> The role of within- and between-site heterogeneity for biomass production in Central European managed grasslands	<b>Adeline Bulot</b> Soil tranfert for restoring plant communities: which lessons to measure the resilience of dry grasslands (Plain of La Crau, Southeastern France)	<b>Sylvain Boisson</b> Plant ecological niche distribution along heavy metal gradients	<b>Vivian A. Felde</b> Diversity relationships between vegetation and modern pollen samples in the Setesdal valley of south-central Norway
15.30	<b>Anke Jentsch</b> Plant trait distribution in subalpine grassland of the European Alps across a productivity gradient	<b>Anne-Maarit Hekkälä</b> Vegetation responses to forest restoration in pine-dominated boreal forests	<b>Dorothy Bell</b> Inconsistent co-occurrences in <i>Eleocharis</i> species in shallow temporary lakes: Is this packing and unpacking of niches in space or competitive coexistence?	<b>Triin Reitalu</b> Diversity components of 14000-year palynological record: richness, evenness and phylogenetic diversity
15.50	<b>Marcelo Sternberg</b> From desert to Mediterranean rangelands: Will increasing drought and inter-annual rainfall variability affect herbaceous annual primary productivity?	<b>Aurélié Hick</b> Tree communities and filters to restoration along a periurban gradient of tropical forest degradation	<b>Mervyn Lotter</b> Scaling hierarchy of environmental variables controlling forest composition	<b>Thomas Giesecke</b> Diversity and evenness measures in palynology: New insights from the taxa accumulation curve
16.10	<b>COFFEE BREAK</b>			
	<b>SS: Productivity and diversity</b> chair Marcelo Sternberg	<b>Processes underlying vegetation patterns</b> chair Antonio Gazol	<b>Community patterns</b> chair Norbert Hölzel	<b>SS: Past vegetation</b> chair Triin Reitalu
16.40	<b>Riin Tamme</b> Is productivity or spatial heterogeneity determining small-scale plant species richness? Contrasts between temperate and tropical regions	<b>Jan Leps</b> Biotic and abiotic effects on species and community functional trait composition: lessons from a grassland experiment with dominant removal	<b>Philip Ladd</b> The influence of tree canopies on soil nutrients and understorey species composition in an African savanna	<b>Martin Theuerkauf</b> Early Holocene vegetation patterns in NE-Germany
17.00	<b>Heath Garris</b> Climate warming-induced heat events lead to intra-seasonal variation in productivity and community-aggregated functional traits at temperate latitudes	<b>Mason Herbeling</b> Functional comparisons of native and invasive plants in Eastern North American forests: do they differ in resource-use strategies?	<b>Miquel De Caceres</b> Dissimilarity assessments and the vertical structure of plant communities	<b>Shinya Sugita</b> Patterns and processes of long-term spatial dynamics of plant communities: a case study on the Holocene changes in landscape-scale vegetation mosaic in SE Estonia
17.20	<b>Bryan Foster</b> Grassland plant diversity as modulated by species pools, soil fertility and community assembly history	<b>Priscilla Loiola</b> Environmental variables and aboveground plant traits predict plant biomass and root productivity in tropical savannas and seasonal forests	<b>Pavel Fibich</b> Differences in the spatial structure of the primary and secondary tropical rain forests	<b>Niina Kuosmanen</b> Holocene history of Siberian larch ( <i>Larix sibirica</i> ) at its western range margin in Russia
17.40	<b>David Ensing</b> Long-term grazing exclosures alter beta diversity in alpine meadows primarily through effects on alpha diversity	<b>Michael Palmer</b> The Paradox of the Crosstimbers	<b>Milicia Stankovic</b> Plant species composition in the fast-flowing streams of Peninsular Thailand	<b>Heikki Seppä</b> A multimillennial perspective on disturbance dynamics and the boreal forest structure

18.00	<b>Jon Bennett</b> Context dependency in AMF effects on diversity: The role of resource stoichiometry	<b>David Zeleny</b> Soil matters: soil variables remarkably increase explained variation of tree beta diversity in subtropical broad-leaved forest	<b>Lisa Favre-Bac</b> Ditches as corridors for plant communities in intensive agricultural landscapes	<b>Anneli Poska</b> Past anthropogenic land-cover changes and their effect on terrestrial carbon storage and climate in Europe
18.30				<b>JVS/AVS EDITORIAL MEETING</b>

## 27.06.2013 Thursday

	<b>PLENARY LECTURES – STRUVE</b> chair <b>Meelis Pärtel</b>			
9.00	<b>ALEXANDER von HUMBOLDT AWARD LECTURE</b> <b>David Tilman</b> Biodiversity: From evolutionary origins to ecosystem functioning			
10.00	<b>Martin Zobel</b> Mycorrhiza and plant communities – is there a link?			
10.40	<b>COFFEE BREAK</b>			
	<b>STRUVE I</b>	<b>STRUVE II</b>	<b>BAER</b>	<b>PETERSON</b>
	Diversity patterns chair <b>Tomas Herben</b>	SS: Niche based approaches chair <b>Jorge Orestes Cerdeira</b>	SS: Soil Biota chair <b>Mari Moora</b>	Wetland structure and dynamics chair <b>Otto Wildi</b>
11.10	<b>André Shmiedel</b> Shades of green: facets of biological diversity of Swiss dry grasslands	<b>Maik Bartelheimer</b> Species preference for different forms of nitrogen along a soil reaction gradient: how does it correlate with the habitat niche?	<b>Helena Freitas</b> Rhizosphere processes and the expansion of invasive plant species	<b>Mara Pakalne</b> Raised bog studies, monitoring and management
11.30	<b>Pavel Krestov</b> The vegetation of island arcs as a biogeographical phenomenon	<b>Angela Lomba</b> Species distribution models on rare endemic plants towards targeted monitoring of the condition and dynamics of high nature value farmlands in the Iberian peninsula	<b>María Pérez-Fernández</b> Diversity and drought tolerance of native <i>Calicotome villosa</i> rhizobia isolated from native populations	<b>Edgar Karofeld</b> Changes in small scale vegetation pattern on mud-bottom hollows over 14 years in Männikjärve bog, Estonia
11.50	<b>Francesco De Bello</b> Measuring dark diversity: myth or reality? A comparison of methods within the Czech flora	<b>Joana Vicente</b> A model-based predictive framework to improve monitoring of alien plant invaders under environmental change scenarios	<b>Jasper Wubs</b> Restoration groundwork: testing large-scale soil transplantation to facilitate rapid vegetation development on former arable fields	<b>Anne Tolvanen</b> Processes responding to restoration of oligotrophic pine fens
12.10	<b>Duccio Rocchini</b> Is spectral diversity a proxy of plant species richness at a continental scale? A test on North American floras	<b>Francisca Aguiar</b> Effects of dam-regulated flows and fragmentation in species and trait composition of streamside forests	<b>Kadri Koorem</b> Small-scale patterns of plant biomass, soil nutrient content and abundance of microbes – what determines what?	<b>Tarnia Hodges</b> A mire chronosequence of New Zealand restiad mires or will'o-the-wisp?
12.30	<b>Simon Jakobsson</b> Management and high habitat connectivity enables fast recovery of grassland plot-scale plant diversity – but is that the diversity we desire?	<b>Diogo Alagador</b> A graph-based approach to assess the effect of biased sampling effort in species' niche models	<b>Petr Kohout</b> Niche specialization and community structuring of arbuscular mycorrhizal fungi in a temperate grassland on a local scale	<b>Liisa Maanaviija</b> Vegetation change in spruce swamp forests following drainage and rewetting
12.50	<b>LUNCH</b>			
	Alien species chair <b>Marcel Rejmanek</b>	SS: Niche based approaches chair <b>Aldina Franco</b>	SS: Soil Biota chair <b>Maarja Öpik</b>	Community patterns and drivers chair <b>Pavel Krestov</b>
14.30	<b>Andre Dresseno</b> Relationship between an invasive grass and a grassland vegetation community in southern Brazil	<b>Maria João Martins</b> Assessing environmental suitability for species based on Tukey's depth	<b>Sandra Varga</b> Effects of arbuscular mycorrhizal fungi on sexual intra- and inter-specific competition in <i>Antennaria dioica</i>	<b>Petr Kuneš</b> Can Ellenberg indices explain long-term vegetation change?
14.50	<b>Jason Fridley</b> Are there tradeoffs between cool and warm season growth in temperate woody vegetation?	<b>Tiago Monteiro-Henriques</b> Selecting environmental variables for vegetation-types mapping	<b>Gaia Francini</b> Grazing decreases AM colonization and N cycling in low Arctic meadows	<b>Cendrine Mony</b> Effect of current and past neighborhood composition on plant response to competition
15.10	<b>Vojtech Lanta</b> Plant communities of native plants after invasion of non-native shrubs	<b>Ana Marcia Barbosa</b> The ABC of model evaluation: a visual method for a clearer assessment of model accuracy	<b>Eliška Rejmánková</b> Macrophytes and microbes in tropical wetland ecosystems	<b>Liina Saar</b> Trait filtering in stable and dynamic grassland communities
15.30	<b>Michaela Zeiter</b> Invasibility of Swiss grasslands: interactive effects of summer drought, site productivity and propagule pressure	<b>Ricardo Correia</b> A novel approach to determine the environmental niche of species that are not at equilibrium with their environment	<b>Inga Hiiesalu</b> Richness of arbuscular mycorrhizal fungi in relation to grassland plant richness and productivity	<b>Wieger Wamelnik</b> Why some plant species are rare
15.50	<b>Janina Radny</b> Trait profiles and biotic interactions as determinants of exotic plant performance	<b>Wim A. Ozinga</b> Performance of specialists and generalists across ecological and evolutionary scales	<b>Francisco I. Pugnaire</b> Plant facilitation is mediated by soil microbial communities	<b>Grasiela Casas</b> Connecting bird and plant functional traits along successional stages of Brazilian Atlantic Rainforest
16.10	<b>Alessandro Chiarucci</b> Can we infer the invasion credit from the native species-area relationship?	<b>Antti Takolander</b> Comparing statistical and dynamic model projections for European trees	<b>Mari Moora</b> How mycorrhizal is vegetation and does it matter?	<b>Marta Carboni</b> Local species specialization along an environmental gradient on Mediterranean coastal dunes
16.30	<b>COFFEE BREAK</b>			
17.00-18.30	<b>POSTER SESSION I</b> Odd poster board numbers			
17.30				<b>IAVS COUNCIL MEETING</b>

## 28.06.2013 Friday

	<b>PLENARY LECTURES – STRUVE</b> chair <b>Martin Zobel</b>			
9.00	<b>Scott Wilson</b> Competition and clonal connections			
10.00	<b>Meelis Pärtel</b> Community ecology of absent species			
10.40	<b>Aveliina Helm</b> Estonian nature in a nutshell			
11.10	<b>COFFEE BREAK</b>			
11.30	<b>GROUP PHOTO SESSION</b>			
12.00	<b>MID-SYMPOSIUM EXCURSIONS</b>			

**29.06.2013 Saturday**

<b>PLENARY LECTURES – STRUVE</b> chair <b>Mari Moora</b>				
9.00	<b>Hans De Kroon</b> Vegetation dynamics and species coexistence: inspiration from below			
10.00	<b>Petr Pyšek</b> Plant invasions: the role of recipient habitats			
10.40	<b>COFFEE BREAK</b>			
	<b>STRUVE I</b>	<b>STRUVE II</b>	<b>BAER</b>	<b>PETERSON</b>
	<b>Diversity patterns and processes</b> chair <b>Jan Lepš</b>	<b>Assembly rules</b> chair <b>Francesco de Bello</b>	<b>Populations and communities in landscape</b> chair <b>Richard Michalet</b>	<b>Vegetation patterns</b> chair <b>Javier Loidi</b>
11.10	<b>Milan Chytrý</b> Species-rich grasslands in Central Europe: search for the causes of the world record species richness	<b>Erwin Sieben</b> Assembly rules among clonal helophytes in South African peatlands: dealing with spatial autocorrelation	<b>Kari Lehtilä</b> Plant dormancy and metapopulation dynamics	<b>Jiri Dolezal</b> Ecology of highest growing vascular plants in NW Hiamalayas
11.30	<b>Elgene Box</b> Determinants of Herbaceous Species Richness across Eastern North America	<b>Robin Pakeman</b> Impact of environmental gradients on community assembly	<b>John Hay</b> Temporal analysis of population structure and dynamics of <i>Caryocar brasiliense</i> Cambess and <i>Tachigali subvelutina</i> (Benth.) Oliveira Filho in savanna, Fazenda Agua Limpa, Brasilia/DF	<b>Susumu Okitsu</b> Vegetation geography of mountain vegetation of central Japan viewed from vegetation of maritime-oceanic regions of northeastern Asia
11.50	<b>Borja Jimenez-Alfaro</b> Patterns of vegetation diversity and plant species diversity across European countries	<b>Corina Basnou</b> Woody community assembly in Mediterranean novel forests: a perspective from metropolitan landscapes	<b>Guillaume Decocq</b> Are streams the «high-speed corridors» needed by forest plant species to escape the climate change fire?	<b>Tarmo Virtainen</b> Vegetation and soil properties predicted using satellite image data in North-eastern Siberian tundra
12.10	<b>Heidi Mod</b> Biotic interactions are driven by multiple environmental gradients	<b>Bryndís Marteinsdóttir</b> Local plant community assembly from the regional species pool	<b>Guillem Bagaria</b> Habitat quality and present and past landscape effects on plant species composition similarity	<b>Hanna Tuomisto</b> On the spatial scaling of species composition and diversity in western Amazonian rain forests
12.30	<b>Irena Simova</b> Species-productivity relationship in plants: where are we (and why not there yet)?	<b>Lars Götzenberger</b> Challenges of combining null models and functional diversity in community assembly studies	<b>Tiina Vinter</b> Effects of the changing landscape on forest plant species biodiversity: a story of two tales	<b>Ching-Feng Li</b> Chamaecyparis forest in Taiwan
12.50	<b>LUNCH</b>			
	<b>SS: Productivity and diversity</b> chair <b>Anke Jentsch</b>	<b>Functional and phylogenetic diversity</b> chair <b>Robin Pakeman</b>	<b>Forest structure and dynamics</b> chair <b>Guillaume Decocq</b>	<b>Grassland structure and dynamics</b> chair <b>Rob Marrs</b>
14.30	<b>Camilla Wellstein</b> Does functional diversity show maximum in fine-scale diversity hotspots?	<b>Tomáš Herben</b> Traits of clonal growth – the missing element in the analysis of functional diversity of plant communities?	<b>Jørn-Frode Nordbakken</b> Nature versus culture: the impact of forest management history on the biodiversity of ground vegetation	<b>Anja Linstädter</b> Impact of grazing management on phenological events of rangeland vegetation in West Africa
14.50	<b>Sandor Bartha</b> Percolation networks of dominant grasses drive diversity and assembly of subordinates in semiarid sand steppes	<b>Mark Leithead</b> Opposite functional strategies along succession caused by different environmental stressors between a recovering temperate and subtropical forest	<b>Tonje Økland</b> Effects of increased biomass removal on biodiversity and species composition in Norwegian forests	<b>Norbert Hölzel</b> Bring the horses back: Grazing determines successional pathways of large-scale steppe restoration in Kazakhstan
15.10	<b>Lucas Enrico</b> A test of the relationships between climate, net primary productivity and biomass quality at the regional scale	<b>Vladimir Onipchenko</b> Do intra-specific and-between community variability of leaf traits correspond? An example from alpine plants	<b>Javier Loidi</b> Iberian Atlantic forest restoration: an experiment inspired in vegetation succession	<b>Antonio Gazol</b> Shrub encroachment lowers small-scale taxonomic and functional diversity in alvar grasslands
15.30	<b>Alessandra Fidelis</b> Determinants of community resilience to fire in tropical and subtropical grasslands	<b>Pille Gerhold</b> Community assembly rules above- and belowground in a natural grassland: functional and phylogenetic insights	<b>Keiji Sakamoto</b> Effects of anthropogenic forest fire on the regeneration of boreal forests in semi-arid regions of Mongolia.	<b>Jürgen Dengler</b> The impact of livestock grazing on plant diversity in drylands: an analysis across biomes and scales in southern Africa
15.50	<b>Talita Zupo</b> Evaluation of productivity in tropical savanna areas under different disturbance histories	<b>Jodi Price</b> Micro-environmental filtering drives functional convergence in species-rich grasslands	<b>Marcel Rejmanek</b> Long-term responses of a tropical palm community to hurricane disturbance	<b>Eliska Kutakova</b> Vegetation succession and species immigration in a newly abandoned limestone quarry: spatio-temporal patterns on a small scale
16.10	<b>Maria Höhn</b> Resilience of a sensitive Pannonian wet meadow to environmental change: a case study from Soroksár (Hungary)	<b>Valério Pillar</b> What are we missing by relying only on community weighted means and alpha functional diversity in trait-based community analysis?	<b>Michael Manthey</b> Differential radial growth patterns between beech ( <i>Fagus sylvatica</i> ) and oak ( <i>Quercus robur</i> ) on periodically waterlogged soils	<b>Till Kleinebecker</b> Field evidence for enhanced nitrogen partitioning in species-rich permanent grasslands
16.30	<b>COFFEE BREAK</b>			
17.00-18.30	<b>POSTER SESSION II</b> Even poster board numbers			

**30.06.2013 Sunday**

<b>PLENARY LECTURE – STRUVE</b> chair <b>Aveliina Helm</b>				
9.00	<b>Angela Moles</b> Means, extremes or in-betweens: Which climate variables are the strongest predictors of plant traits?			
10.00	<b>COFFEE BREAK</b>			
	<b>STRUVE I</b>	<b>STRUVE II</b>	<b>BAER</b>	<b>PETERSON</b>
	<b>Vegetation and environment</b> chair <b>Kazuo Fujiwara</b>	<b>Methods in vegetation analysis</b> chair <b>Hanna Tuomisto</b>	<b>Ecological interactions and communities</b> chair <b>Maarja Öpik</b>	<b>Spatial and temporal diversity patterns</b> chair <b>Michaela Zeiter</b>
10.30	<b>Lubomír Tichý</b> Soil pH as a determinant of micro-habitat and plant community diversity on altitudinal gradient	<b>Peter Minchin</b> An evaluation of flexible shortest path adjustment in the ordination of vegetation data with high beta diversity	<b>Kertu Lõhmus</b> Patterns of plant traits and ecosystem services in wooded habitats of agriculture-dominated landscapes	<b>Rob Lewis</b> Partitioning Beta Diversity: Investigating temporal patterns of richness and replacement components for a rare semi-natural grassland
10.50	<b>Otto Wildi</b> Indicator values (IndVal) mimic ranking by F-ratio in real-world vegetation samples	<b>Kalle Ruokolainen</b> Measurements of relative explanatory power of environmental variables given by RDA and CCA are not always reliable	<b>Richard Michalet</b> Communities: are they groups of hidden interactions?	<b>Patric Saccone</b> Long-term mountain tundra dynamics under grazing and environmental changes
11.10	<b>Peter Poschlod</b> Temperature requirements of pollen germination control species' altitudinal distribution	<b>Ole R. Vetaas</b> Analyses of autocorrelation in species ordination space	<b>Stephen Bonser</b> High reproductive efficiency as an adaptive strategy in competitive environments	<b>Kohei Suzuki</b> Large scale comparison of species composition of steppe from northwestern China to eastern Mongolia
11.30	<b>Robert Peet</b> Scale and context dependence of plant species richness in forests and woodlands of southeastern North America	<b>Gerald Jurasinski</b> Comparing the efficiency of random vs. systematic arrangement of sampling units in vegetation ecological studies	<b>Peter Le Roux</b> Identifying biotic interactions to model species distributions	<b>Sergey Znamenskiy</b> Leading ecological factors of Republic of Karelia middle taiga sub-zone dry meadow vegetation

11.50	<b>COFFEE BREAK</b>			
	<b>Spatial and temporal patterns</b> chair <b>Kazue Fujiwara</b>	<b>Community structure and patterns</b> chair <b>Hanna Tuomisto</b>	<b>Urban biodiversity and anthropogenic impact</b> chair <b>Maarja Öpik</b>	<b>Conservation ecology</b> chair <b>Michaela Zeiter</b>
12.20	<b>Tomoyo F. Koyanagi</b> Diversity and distribution of resource plants in mountainous villages of Japan: focusing on provisioning of various ecosystem services	<b>Jan Plue</b> Where does the community start, and where does it end: including dormant communities changes the outcome of community analyses	<b>Carla Pinto Cruz</b> Use it but don't misuse it: Evidence-based practices for restoration of Mediterranean temporary ponds	<b>Mukunda Behera</b> Eco-complexities in the Indian biodiversity hotspots
12.40	<b>Solène Masson</b> Mediterranean steppe plant communities are more strongly impacted by water stress removal than by former disturbances linked to cultivation	<b>François Gillet</b> Regional rarity versus local scarcity in plant communities: Impact of species removal on model performance in constrained ordination	<b>Perti Ranta</b> Outlining a matrix-based approach for safeguarding urban biodiversity	<b>Nobukatsu Nakagoshi</b> Conservation of biodiversity in semi-natural grasslands in Japan
13.00	<b>Mikael Lönn</b> Historical community composition and within and between population variation in <i>Chara oosopore</i> morphology	<b>Andrew Gillison</b> Plant functional types and traits: the holy grail and the devil in the detail	<b>Takeshi Sasaki</b> Effects of gap creation in an urban forest dominated by evergreen broad-leaved trees	<b>Susan Wisser</b> Using species complementarity to select sites for conservation management: which species are most important?
13.20	<b>LUNCH</b>			
14.45	<b>HONORARY MEMBERSHIP LECTURE</b> <b>Bastow Wilson</b> The four theories in vegetation science			
15.45	<b>GENERAL ASSEMBLY</b>			
16.30	<b>CLOSING CEREMONY</b>			
19.00-23.00	<b>SYMPOSIUM DINNER</b> <i>Vanemuine Concert Hall</i>			

### List of posters for IAVS 2013 symposium (in ALPHABETICAL ORDER according to presenting author's last name)

	<b>A–MAH</b>
D114	<b>Anne Aan.</b> Light- and nitrogen-use and aboveground biomass allocation along productivity gradients in grasslands.
D115	<b>Maria Abakumova.</b> Morphological plasticity to species identity of neighbours depends on the frequency of encountering conspecific and heterospecific neighbours.
E164	<b>Armine Abrahamyan.</b> Populations dynamics in sizes of wild <i>Melissa officinalis</i> L. (Lamiaceae) for the last decade in the Republic of Armenia.
A1	<b>Vojtěch Adamec.</b> Dispersal and spatial distribution of early ecotype of hemiparasitic <i>Melampyrum nemorosum</i> .
A2	<b>Yoseph Araya.</b> How do plants coexist in species rich communities: ecohydrological processes and drivers.
D99	<b>Bethania Azambuja.</b> Habitat loss and plant richness in south Brazilian grasslands: Has extinction debt been already paid?
E165	<b>Francisco M. Azcárate.</b> Impacts of land use changes on the vegetation of mediterranean drove roads.
E157	<b>Marco Batalha.</b> Are fire, soil, water availability, plant functional diversity, and litter decomposition causally related in a Neotropical savanna?
C96	<b>Alexandra Bernardová.</b> Alpine treeline and the impact of humans since Subatlantic in High Sudets.
D100	<b>Liubov Borsukevych.</b> Plant communities with <i>Carex dioica</i> L. in Ukraine.
B71	<b>Zoltan Botta-Dukat.</b> Detecting simultaneous effect of environmental filtering and limiting similarity to the trait composition of plant communities.
A25	<b>Josef Brůna.</b> Impacts and underlying factors of landscape-scale historical disturbance of mountain forest identified using documentary archives.
A26	<b>Carlos P. Carmona.</b> Inter-annual fluctuations in water availability promote diversity in semi-arid grasslands.
E158	<b>Natálie Čeplová.</b> Phylogenetic diversity of urban habitats with different levels of disturbance.
A27	<b>Marco Cervellini.</b> Plant community changes along a chronosequence of beech coppice stands, Central Apennines, Italy.
D128	<b>Olivier Chabrierie.</b> Predicting the effects of sea level rise on salt marsh plant communities.
A28	<b>Byoungki Choi.</b> Distribution and species composition on Chinese juniper communities in Ulleung Island, Korea.
A29	<b>Markéta Chudomelová.</b> The odd fraction [c] in variation partitioning: a case study on fine scale variation in oak forest herb layer.
A3	<b>Maria del Carmen Cobo.</b> Soil-explained plant spatial patterns along disturbance gradients in South-Mediterranean Spain: Common trends and role in vegetation stability.
B72	<b>Luisa Conti.</b> Fine scale community assembly along a stress gradient on Mediterranean coastal dunes.
E159	<b>Verena Cordlandwehr.</b> Database means compared to on-site measurement of traits.
D116	<b>Thiago Couto.</b> Nitrogen sequestration in Mondego estuary salt marshes illustrated by an isotopic approach.
E155	<b>Thiago Couto.</b> Effect of sea level rise in a temperate Atlantic estuary salt marsh plants (Portugal).

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D123	<b>Kobra Maleki.</b> Investigating and modeling the effect of competition on annual tree radial growth for Estonian Silver birch.
E178	<b>Ruth Mändma.</b> Assessment of tree mortality in managed and unmanaged forest stands in Estonia.
D110	<b>Alexandra Martynova-Van Kley.</b> Arbuscular mycorrhizal fungal communities in Eastern Texas, USA forests.
E156	<b>Yojiro Matsuura.</b> Boreal forests and permafrost types: Reconsideration of doughnut-ring.
A9	<b>Hana Mayerova.</b> Grazing dry grasslands: emerging patterns on different spatial scales.
A51	<b>Dana Michalčová.</b> Estimation of species number in different habitat types and ecotones at several spatial scales.
D137	<b>Pascale Michel.</b> Interactive effects of climate and disturbance on seedling performance in alpine grassland ecosystems of Western Norway.
D124	<b>Yoshi Minami.</b> Facilitation effect of <i>Racomitrium lanuginosum</i> for pioneer species on the volcanic barren.
B73	<b>Denis Mirin.</b> Comparative characteristics of spatial heterogeneity in three types of virgin spruce forests.
D125	<b>Leho Tedersoo.</b> Biological invasions involving ectomycorrhizal symbiosis.
E179	<b>Jenni Moilanen.</b> Factors contributing to the urban plant species richness.
A52	<b>Martin Molz.</b> Diversity and distribution of tree species along an elevational gradient at the southern limit of the Brazilian Atlantic forest.
A53	<b>Daniel Bernardo Montesinos.</b> The mountain vegetation of the South Andes of Peru: Syntaxonomy, ecology, phytogeography and conservation.
E180	<b>Hlengiwe Mtshali.</b> Analysis of the national wetlands vegetation database.
A54	<b>Sandra Müller.</b> Determinants of tree species beta diversity in Brazilian Atlantic forest: are there differences among strata and forest formations?
E181	<b>Jana Mullerova.</b> Coppice neglect: impact on forest diversity and drivers of change.
D149	<b>Takashi Nakano.</b> Distributional pattern of alien species along the road side in alpine and sub-alpine area of Mt. Fuji.
D138	<b>Kristi Nigul.</b> An analysis of forest ecosystem structural variation in Scots pine dominated stands: a methodological consideration based on the Estonian Network of Forest Research Plots.
C84	<b>Mahoko Noguchi.</b> Response of understory vegetation to thinning in hinoki cypress plantations in southwestern Japan.
A55	<b>Jalil Noroozi.</b> Phytosociology and ecology of the high alpine to subnival scree vegetation of N and NW Iran (Alborz and Azerbaijan Mts.).
C98	<b>Jan Novák.</b> Vegetation changes recorded in sandstone rock shelters with long stratigraphic sequences (Paleolithic-Medieval period) in Northern Bohemia.
E182	<b>Alfreda Nwadinigwe.</b> Phytodegrading potentials of <i>Cajanus cajan</i> Millsp. and its associated bacteria, polluted with crude oil.

E166	<b>Heike Culmsee.</b> Development and implementation of a monitoring concept for the effectiveness control of nature conservation management in the Natural Heritage of Germany.
E167	<b>Els De Bie.</b> INBOVEG, a treasury of vegetation relevés.
A4	<b>Áron József Deák.</b> Habitat composition of saline grasslands of different landscape-types in Southeast Hungary.
C91	<b>Balázs Deák.</b> Spontaneous regeneration of extensively managed colonized fields – A promising example of grassland recovery of loess grasslands.
A30	<b>Balázs Deák.</b> Can alkali associations be predicted based on their elevation? – The use of airborne laser scanning in open landscapes.
D117	<b>Agnes Dellinger.</b> Floral food-bodies and a bellows-like mechanism in bird-pollinated <i>Axinaea</i> (Melastomataceae).
D129	<b>Jeroen Engelhart.</b> Forest development after stand-replacing wind disturbance in the hemi-boreal zone of north-eastern Europe, Estonia: the importance of advance regeneration.
A31	<b>Hannes Feilhauer.</b> Towards a hybrid vegetation map for local conservation planning.
E168	<b>Elizabeth Feldmeyer-Christe.</b> Monitoring the effectiveness of habitat conservation in Switzerland.
E169	<b>Maria do Rosário Pereira Fernandes.</b> Optimal attributes for remote detection of giant reed in riparian habitats.
E170	<b>Jessica Ferner.</b> Studying forage quality and quantity of West African rangelands in the context of climate change.
D144	<b>Albano Figueiredo.</b> Assessing areas of potential conflict between laurel forests and alien tree invaders at Madeira Island.
D130	<b>Felícia M. Fischer.</b> In search of response and effect traits in grassland plant communities under different grazing intensities.
D101	<b>Cristiane Follmann Jurinitz.</b> Demographic differential response of two shade-tolerant tree species to successional stage and size of Atlantic forest fragments.
D118	<b>Estelle Forey.</b> Do earthworms influence seed bank dynamic and plant succession?
A32	<b>Scott Franklin.</b> Community classification of the Pawnee National Grasslands, Shortgrass Steppe, USA.
D119	<b>Linda Freund.</b> Nutrient additions in pioneer stages of sandy grassland: impact on phytodiversity and productivity.
E171	<b>Michiro Fujihara.</b> Management of coastal pine forests for conservation of coastal vegetation.
A33	<b>Atsuko Fukamachi.</b> Characteristics of species composition in mountain riparian forests in the Tenryu river originated in the Japanese Central Alps.
A34	<b>Maciej Gałka.</b> Relationships between environmental factors and vegetation in depressions on peatlands and heaths with <i>Rhynchospora fusca</i> in Western Poland.
D120	<b>Ana I. García-Cervigón.</b> Impact of plant-plant interactions and altitude on <i>Helleborus foetidus</i> demographic traits.
A35	<b>Rosario Gavilán.</b> Analyzing community patterns in nested permanent alpine plots.
D131	<b>Thomas Giesecke.</b> Migrational lag or climate driven population expansion: How do we explain the postglacial vegetation history of central and northern Europe?
D145	<b>Elizabeth Gorgone-Barbosa.</b> Does the presence of invasive grasses affect fire behavior and severity in Brazilian tropical savannas?
D121	<b>Anaclara Guido.</b> Shrub effects on grassland vegetation in Brazilian altitude grasslands.
C79	<b>Lauma Gustina.</b> The distribution of dry grassland plant species along road verges in agricultural landscape of the Zemgale Lowland: Preliminary results.
D132	<b>Pieter Hawinkel.</b> Assessing vegetation cover dynamics in response to climate variability at different time scales.
A36	<b>Kenny Helsen.</b> Spatial isolation slows down directional plant functional group assembly in restored semi-natural grasslands.
A5	<b>Eva Horcickova.</b> Wild ungulates in abandoned landscape – disturbance regime and diversity of semidry grasslands.
C92	<b>Yoshinobu Hoshino.</b> Plant community established on a restored gravel bed under frequent flood regime in the Tama River, central Japan.
C97	<b>Petra Houfkova.</b> Fire history and vegetation dynamics recorded in sediment of the Komorany lake.
A37	<b>Iveta Husáková.</b> The effect of current and past landscape structure and habitat conditions on species composition of dry grassland localities.

A10	<b>Tua Nylen.</b> Biotic and abiotic drivers of species distribution and richness on dynamic uplifting beaches.
D139	<b>Haruka Ohashi.</b> Disturbance by large herbivore alters relative importance of ecological process influencing assembly pattern in heterogeneous meta-communities.
D111	<b>Akira Osawa.</b> Fine root dynamics of <i>Quercus setata</i> forest: estimation by continuous inflow approach and recognition of root size classes.
C85	<b>Piotr Osyczka.</b> Cryptogamic communities in strongly disturbed habitats – a case study of post-smelting dumps.
A56	<b>Jaanus Paal.</b> Species and communities diversity of alvar forests in NW Estonia.
B74	<b>Taavi Paal.</b> Do forest-dwelling plant species disperse along landscape corridors?
A57	<b>Angela Pannek.</b> Effects of nitrogen deposition and soil phosphorus content on species incidence in acid grasslands – congruence between spatial and temporal patterns.
D140	<b>Elena Parfenova.</b> A regional bioclimatic model of forest stands for Central Siberia.
E183	<b>Vít Pejcha.</b> Impact of past management practices on tree growth.
A11	<b>María Pérez-Fernández.</b> How to be a germinating seed in a harsh environment. The case of native provenances and even-aged plantations of <i>Cedrus atlantica</i> (Endl. ).
D150	<b>María Pérez-Fernández.</b> Modelling germination of native versus invasive species using the Richard's function.
A12	<b>Mélanie Picard.</b> Wild ungulates shape plant distributions in fragmented landscape: an experimental approach to endozoochorous dispersal.
E163	<b>Nataša Pipenbajer.</b> Dry calcareous grasslands from two neighboring biogeographic regions: relationship between plant traits and rarity.
A58	<b>Tuija Pyykkönen.</b> Local and regional patterns in composition of herb-rich forest vegetation in northern Finland.
E184	<b>Stefanie Raabe.</b> Effect of different cutting regimes on species diversity of rewetted fens.
A59	<b>Sílvia Ribeiro.</b> Floristic and ecological patterns in <i>Isoetes-Nanojuncetea</i> communities on the Iberian Peninsula, Azores and Madeira.
A13	<b>Kersti Riibak.</b> Dark diversity in calcareous semi-natural grasslands: Are absent species dispersal limited?
D141	<b>Mariana Ninno Rissi.</b> Short-term changes in vegetation structure and dynamics after fire in Brazilian Cerrado.
D103	<b>William E. Rogers.</b> Dynamics of an endangered terrestrial orchid in response to experimental manipulations of fire and herbivory in a Texas post oak savanna.
C86	<b>Kaja Rola.</b> Effect of substrate contamination on pioneer vegetation structure.
B70	<b>Argo Ronk.</b> Regional species richness, species pool and community completeness of European plants: association with natural and anthropogenic factors.
E185	<b>Elle Roosaluuste.</b> Effects of different management regimes on the herb layer of grassland community.
A14	<b>Sergey Rosbakh.</b> Specific leaf area correlates with temperature: new insights from the old story.
D126	<b>Sirgi Saar.</b> Chemical cues produced by plant roots mediate neighbour recognition and trigger complex behavioural changes.
D151	<b>Hitoshi Sakio.</b> Why did the black locust ( <i>Robinia pseudoacacia</i> ) expand broadly in the river basin in Japan?
D152	<b>Moe Sakio.</b> Land developments affect the distribution pattern of alien plants in Fuchu, Tokyo.
D112	<b>Ülle Saks.</b> Communities of arbuscular mycorrhizal fungi in plant roots: more diverse than those in soil?
B60	<b>Maija Salemaa.</b> Response of boreal forest vegetation to the climatic factors, soil fertility and stand structure in eastern Fennoscandia.
B75	<b>Elisa Salengue.</b> Habitat effects on cacti communities in southern Brazilian Pampa biome.
B61	<b>Tamotsu Sato.</b> Comparison in forest carbon stocks among different canopy conditions in two typical dipterocarp forest types, Peninsular Malaysia.
C95	<b>Angelika Schwabe-Kratochwil.</b> Seed addition via epizoochorous dispersal in restoration practice: an experimental approach mimicking the colonization of bare-soil patches.
E186	<b>Jan Šebesta.</b> Comparison of understorey vegetation of coppices and high beech forests. A case study from the Banat region.

D109	<b>Karoliina Huusko.</b> Ectomycorrhizal communities in bait seedling roots in relation to energy wood harvesting practices: processes behind observed differences.
C93	<b>Mati Ilomets.</b> How to assess restoration success of self-restored Sphagnum-dominated system?
C94	<b>Natalia Ivanuskas.</b> The potential of <i>Araucaria angustifolia</i> planted forests on inducing the secondary succession at Brazilian mixed ombrophilous forests.
D102	<b>Anne Jäkäläniemi.</b> Habitat tracking as a survival strategy in plants.
A38	<b>Emilia Jakubas.</b> Spatial patterns of aquatic vegetation along environmental gradients in the Polish, lowland river.
C80	<b>Maria Janicka.</b> Changes in bryophyte composition of species-rich meadows during 50 years in response to management (Ojców National Park, southern Poland).
A39	<b>Monika Janisova.</b> Landscape effects on alpha diversity in mesic meadows.
C81	<b>Leonas Jarasius.</b> Vegetation of Aukstumala raised bog under long-term anthropogenic activities.
C82	<b>Sven Jelaska.</b> To what extent we can detect secondary succession of grasslands in the dependence of different thematic and spatial resolution of reference data maps?
D133	<b>Inga Jüriado.</b> The maintenance of the diversity of ground-layer lichens in alvar grasslands and alvar-like habitats.
A40	<b>Heli Jutila.</b> Vegetation and species richness of the small archipelago in the Bothnian Bay National Park.
A41	<b>Leila Kadik Achoubi.</b> Diversity of vegetation of low mountains in the Blida Atlas (subhumid stage).
A6	<b>Veronika Kalníková.</b> Vegetation succession on river gravel bars after an extreme flood.
D146	<b>Veronika Kalusová.</b> Alien species pools: another determinant of the habitat level of invasion.
B69	<b>Jesse M. Kalwij.</b> Getting more out of atlas datasets – how occurrence and range atlases supplement each other.
A42	<b>Jesse M. Kalwij.</b> Rapid upward trends of upper altitudinal limits of exotic plants in montane grassland.
A43	<b>Silja Kana.</b> The potential of developing meadows on former arable fields to harbour meadow specialist plant species.
E172	<b>Katja Kangas.</b> Biodiversity and recreational use overlap in protected areas.
D147	<b>Birutė Karpavičienė.</b> Assessment of variation and diversity of invasive <i>Solidago</i> species in Lithuania.
D134	<b>Helen Karu.</b> Does vegetation structure in disturbed bogs indicate alterations in bog functioning?
C83	<b>Liis Kasari.</b> Which plant species are “winners” in anthropogenic landscapes?
E160	<b>Magdalena Kasjaniuk.</b> Molecular analysis of selected species of <i>Taraxacum</i> sect. <i>Palustria</i> .
A44	<b>Sebastian Kepfer-Rojas.</b> Spatio-temporal community dynamics of tree/shrub species during 117 years of heathland to woodland succession.
D135	<b>Jaime Kigel.</b> Is the semi-arid herbaceous Mediterranean vegetation resilient to rainfall variation?
E173	<b>Mi-Heui Kim.</b> Basic research on plant selection for ecological experience of rural tourism village, Korea.
A45	<b>Juliane Klemm.</b> A modern pollen-climate calibration set for tundra and northern taiga biomes from northern Yakutia (Arctic Siberia).
A46	<b>Marian Koch.</b> From meadow to shallow lake: Vegetation change after rewetting of a coastal brackish fen.
E174	<b>Cecilia Komoly.</b> Comparing the effects on meadow succession of sowing site-specific and non site-specific grass species.
D136	<b>Martin Kopecký.</b> Can we use Ellenberg indicator values for environmental change assessment?
A47	<b>Łukasz Kozub.</b> Different pathways of drained fens development – the influence of management and nutrient dynamics on vegetation.
E175	<b>Lado Kutnar.</b> Impacts of forest management measures on plant species diversity in EU Natura 2000 habitats.
E161	<b>Rocco Labadessa.</b> Functional groups as helpful tools for grassland conservation.
E176	<b>Flavia Landucci.</b> The project WetVegEurope: formalized classification of European aquatic and marsh vegetation.

E187	<b>Jan Šebesta.</b> Does type of forest establishment influence composition of herb layer in floodplain forest?
D142	<b>Meelis Seedre.</b> Early post-disturbance carbon dynamics following wildfire and harvesting in the boreal forest.
A15	<b>Hana Sekerková.</b> Habitat islands as a model to study relationship between fine-scale species richness and the size of species pool.
D104	<b>Martin Šenfeldr.</b> Effects of dwarf pine on vegetative propagation of Norway spruce in the treeline ecotone.
E189	<b>Martin Šenfeldr.</b> Tree-line advance in the East Sudetes – can diversity be lost?
A16	<b>Anette Sepp.</b> Community-level effects of plant-plant co-evolution and underlying mechanisms in calcareous grasslands.
C87	<b>Michiko Shimoda.</b> Diverse aquatic vegetation at the foot of Mt. Fuji, central Japan: anthropogenic effects on the vegetation and its habitats.
B62	<b>Masae Shiyomi.</b> Small-scale spatial pattern in alpine meadow vegetation with high species richness on the Tibet-Qinghai Plateau.
D143	<b>Zeljko Skvorc.</b> Vegetation succession on calcareous grasslands in NE Croatia.
B76	<b>Virve Söber.</b> Pollination-related changes in plant functional diversity in abandoned semi-natural grasslands.
E188	<b>Jin-Kwan Son.</b> A role of ponds management for plant diversity in an agricultural landscape, Korea.
D105	<b>Bettina Springer.</b> Fluctuating asymmetry in plants along steep and subtle environmental gradients – the role of biotic interactions.
D106	<b>Martin Šrámek.</b> Initial plant population dynamics after coppice restoration in the Czech Republic.
C88	<b>Agnieszka Stefaniak.</b> Seed heteromorphism of <i>Epipactis helleborine</i> (L.) Crantz (Orchidaceae) in heterogeneous habitats in Poland.
E190	<b>Stefanie Stenzel.</b> Monitoring habitat types with multiseasonal remote sensing and MaxEnt.
B63	<b>Katarzyna Szrama.</b> Weed diversity on the background of spatial patterns of agricultural landscape in western Poland.
A17	<b>Markéta Táborská.</b> Are bryophyte communities on island biotopes determined by environmental factors or by dispersal limitation of the species?
A18	<b>Nobuyuki Tanaka.</b> Estimating changes of two <i>Fagus</i> species populations from the past to the future, based on the inventory of a 404-ha monitoring plot under a marginal climatic condition for <i>F. crenata</i> .
C89	<b>Oili Tarvainen.</b> Revegetation of disturbed soil surface after energy wood harvest.
D107	<b>Tamara Těšitelová.</b> Factors shaping establishment of a declining orchid species, <i>Pseudorchis albida</i> .
D113	<b>Odile Thiéry.</b> Ribosomal DNA sequence variation in the arbuscular mycorrhizal fungi.
B64	<b>Salza Todorova.</b> Patterns of fine-scale species richness across Bulgarian dry grasslands.
B65	<b>Valery Tyurin.</b> The limitation of diversity in highly productive communities by the example of floodplain meadows (The Ob River, Western Siberia).
D127	<b>Annika Uibopuu.</b> The effect of arbuscular mycorrhizal fungal communities from differently managed ecosystems on plant performance.
E191	<b>Inkeri Vähä-Piikkiö.</b> Boreal urban vegetation and biotopes.
A19	<b>Andy Van Kerckvoorde.</b> Biotic and abiotic characterisation of embankment vegetations along navigable waterways in Flandres.
D153	<b>James Van Kley.</b> Year-to-year compositional shifts in a Texas, USA, Taxodium swamp following exotic species invasions.
B77	<b>Ana Sofia Vaz.</b> Patterns of plant species co-occurrence in coastal sand-dunes of Northwestern Portugal.
E192	<b>Sophie Vermeersch.</b> The use of line transects for a better description of river bank vegetations.
B66	<b>Daniel Volařík.</b> Structural forest types and tree species diversity in landscape with active coppice management.
D108	<b>Mareike Wiczorek.</b> Limitations of northward treeline expansion in Siberia - Comparing field survey results with individual-based vegetation modelling.
B67	<b>Jan Wild.</b> Microclimatic variability within topographically complex landscape and its influence on plant species composition.
A20	<b>Jan Wild.</b> Spatial pattern of tree regeneration after stand-replacing disturbance in Norway spruce forests.

A48	<b>Attila Lengyel.</b> Assessing the relative importance of methodological decisions in classifications of vegetation data.
D122	<b>Anu Lepik.</b> Interspecific variation in plant responses to genetic relatedness of neighbours.
A7	<b>Rob Lewis.</b> Identifying land-use change impacts on plant community and functional composition of a globally rare semi-natural grassland.
E177	<b>Līga Liepa.</b> Evidence for edge effect on black alder woodland key habitats in Latvia.
A49	<b>Kertu Lõhmus.</b> Patterns of plant traits and ecosystem services in wooded habitats of agriculture-dominated landscapes.
A8	<b>Juta Lopp.</b> The impact of accumulated nutrients on clonal propagation in species with different growth forms.
A50	<b>Martin Macek.</b> Scale matters: Disentangling drivers of fine-scale and regional species richness pattern in temperate forest understorey.
E162	<b>Parastoo Mahdavi.</b> Comparing sand dune ecosystem in different phytogeographic regions based on plant functional types.

A21	<b>Carissa L. Wonkka.</b> Topoedaphic factors and land management drive patchy drought-induced woody plant mortality in an encroached semiarid savanna: comparing the 1950s to the 2000s.
A22	<b>Yasuo Yamamura.</b> Comparison of nutrient-use efficiency between evergreen and deciduous broad-leaved trees in a nutrient-poor volcanic site.
C90	<b>Piotr Zaniewski.</b> The impact of off-road activity and juniper density on cryptogams in acid dune habitats of a military training area.
B78	<b>Monika Zgrabczyńska.</b> Indicatory plant communities of the dynamic vegetation circles. The Bogdanka river valley case study.
D154	<b>Qiaoying Zhang.</b> Elevated temperature may accelerate invasion of exotic shrub <i>Lantana camara</i> .
B68	<b>Yunchun Zhang.</b> Adaptive response of growth and reproduction traits of a clonal plant <i>Veronica chamaedrys</i> to mowing.
A23	<b>Heloiza Zironi.</b> Does fire break the dormancy and enhance germination in species of Brazilian Cerrado?
A24	<b>Polliana Zocche de Souza.</b> Patchy vegetation dynamics of a shrub species influences on vegetation community structure in coastal sand dunes.