

GfÖ 2016 Marburg - Detailed program

Time	Monday, 05.09.2016				
09:30	Registration				
12:45	Audimax (+2/0010) - Opening address by GfÖ president				
13:30	Audimax (+2/0010) - Keynote by Susanne Fritz				
	Lecture hall 1 (+1/0030)	Lecture hall 2 (+1/0110)	Lecture hall 3 (+1/0020)	Lecture hall 4 (+1/0010)	Lecture hall 5 (+2/0090)
	Session 15: Biotic homogenization of animal communities	Session 1: Frontiers of Macroecology	Session 21: Multitrophic interactions in terrestrial ecosystem	Session 9: Local adaptation in plants	Session 22: Tree growth and multitrophy
14:30	15-01 N. Blüthgen: How to see the species behind the community: detecting responses to environmental gradients	1-01 C. Hof: Integrating physiology and ecology at the macroscale to better understand species responses to global change	21-01 S. Meyer: Consistent increase of herbivory along two experimental plant diversity gradients over multiple years	9-01 N. Scheepens: Genetic and phenotypic variation and local adaptation in plants	22-01 F. Buscot: Endogenous rhythmic growth, a trait suitable for the study of interplays between multitrophic interactions and tree development
14:45	15-02 S. Leonhardt: Diversity guarantees quantity: social bees in the tropics benefit from plant species richness through increased food quantity and quality	1-02 J. Methorst: Improving Species Distribution Models: How to account for biological traits and land-use change	21-02 L. Hertzog: Linking community shifts to function in multitrophic system: influence of plant diversity on grasslands arthropods	9-02 Z. Münzbergová: Relative importance of plasticity and local adaptation for species response to climate change: a multitrait comparison	22-02 T. Grams: Sweets for the foe: non-structural carbohydrates and the susceptibility of oak against <i>Phytophthora quercina</i>
15:00	15-03 C. von Hoermann: Influence of land use on the decomposition rate of dead mammals in conjunction with the diversity of carrion insects	1-03 S. Rumpf: Elevational shifts at rear edges are more sensitive to climate warming than at leading edges	21-03 J. Tiede: Plant diversity affects multitrophic interactions in an experimental grassland	9-03 B. Gaspar: Phenotypic plasticity of <i>Plantago lanceolata</i> in relation to land use	22-03 H. Maboreke: Transcriptome analysis in oak uncovers a strong impact of endogenous rhythmic growth on the interaction with plant-parasitic nematodes
15:15	15-04 K. Frank: Tiny engineers face modern land use: dung beetle communities, their ecosystem services and responses to management	1-04 E. Fronhofer: The eco-evolutionary dynamics of range expansions - theoretical and experimental insights	21-04 H. Chen: Plant species richness negatively affects root decomposition	9-04 Y. Deng: Transgenerational effects of variable heat stress treatments in <i>Arabidopsis thaliana</i> ecotypes	22-04 M. Tarkka: Biotic interactions and endogenous rhythmic growth as drivers of oak gene expression
15:30	15-05 P. de Smedt: Land use intensity and edge effects determine abundance and species composition of macro-detritivores in European small forest fragments	1-05 A. Kubisch: Paradise burns: projecting the survival of 26 Proteaceae species under changing climate and fire regimes	21-05 C. Stein: Negative plant-soil feedbacks and competitive interactions as drivers of species coexistence and ecosystem functioning	9-05 J. van Braak: Non -adaptive transgenerational plasticity in <i>Silene vulgaris</i>	22-05 M. Guerreiro: Contribution of endophytic fungi to litter-decomposing communities

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	Lecture hall 1 (+1/0030)	Lecture hall 2 (+1/0110)	Lecture hall 3 (+1/0020)	Lecture hall 4 (+1/0010)	Lecture hall 5 (+2/0090)
	Session 15: Biotic homogenization of animal communities	Session 1: Frontiers of Macroecology	Session 21: Multitrophic interactions in terrestrial ecosystem	Session 9: Local adaptation in plants	Session 22: Tree growth and multitrophy
15:45	15-06 L. Heuss: Ant community changes under increasing land-use intensity in temperate grassland	1-06 C. König: Dissecting global turnover in vascular plants	21-06 F. Fornoff: Effects of tree species richness and canopy closure on trap-nesting insect community networks in a subtropical controlled tree diversity experiment.	9-06 J. Stöcklin: Differentiation in flowering traits due to elevation and temperature in <i>Campanula rotundifolia</i> and <i>C. scheuchzeri</i>	22-06 J. Fründ: Temporal dynamics of host-parasitoid foodwebs in relation to spruce budworm outbreaks
16:00	Coffee break				
					Session 16: Stress ecology meets resilience research
16:30	15-07 S. Franke: Landuse determines phylogenetic diversity - a multi-taxa approach	1-07 S. Hoffmann: The same, only different: analysing the worlds grassland heterogeneity in terms of productivity and beta diversity	21-07 C. Kempe: The importance of resource distribution - Spatial co-occurrence of host plants and host ants limits continued existence in a myrmecophilous butterfly	9-07 M. Exposito-Alonso: The 1001 genomes of <i>Arabidopsis thaliana</i> reveal a deep climatic adaptation history driven by summer drought	16-01 T. Oliver: Quantifying the mechanisms underpinning resilience of ecosystem functions
16:45	15-08 D. Perovic: Landscape moderated effects of land use intensity on biotic homogenization in arthropod communities	1-08 A. Schweiger: Scale matters or not - What drives scale-dependence of ecological patterns?	21-08 M. Senft: Patch heterogeneity, mutualists and predators drive metacommunity dynamics in an aphid-plant system	9-08 C. Lampei: Frost-tolerance in <i>Arabidopsis thaliana</i> is better explained by microenvironment than by altitude	16-02 J. Harris: Soil microbial ecology, resilience, and novel ecosystemssystems
17:00	15-09 V. Mader: Agri-environmental schemes affect numeric and trophic responses of generalist predators along a landscape gradient	1-09 M. Ryo: Machine learning allows unprecedented insights into factors driving riverine biodiversity patterns across large scales	21-09 E. Egorov: Land-use intensification decreases specialization of phytophagous insect - host plant networks	9-09 J. Metz: Phenology, root growth and reproductive allocation, but not the L-H-S model, shape ecotypes along an aridity gradient	16-03 A. Gergs: Multiple stress and resilience: matters of body size and population demography
17:15	15-10 A. Haß: Farmland heterogeneity effects on trait filtering of predatory and flower-visiting arthropod communities across Europe	1-10 S. Pinkert: Colour lightness of dragonfly assemblages across North America and Europe	21-10 A. Happe: Landscape and management effects on biocontrol: Woolly apple aphids and earwigs	9-10 S. Kahl: Local adaptation in the light of climate change: Phenotypic trait analysis of <i>Silene vulgaris</i> across a European latitudinal gradient	16-04 K. Geißler: How much compensation is possible? Effects of disturbance by grazing on regrowth of palatable perennial grasses in a semiarid Namibian savanna

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	Session 15: Biotic homogenization of animal communities	Session 1: Frontiers of Macroecology	Session 21: Multitrophic interactions in terrestrial ecosystem	Session 9: Local adaptation in plants	Session 16: Stress ecology meets resilience research
17:30	15-11 L. Zoller: Artificial light at night disturbs nocturnal pollination service	1-11 S. Huang: Comparing the macroevolution of body mass in large mammals between two Neogene continents	21-11 S. Zytynska: The natural occurrence of aphid symbionts and effects of plant diversity	9-11 N. Scheepens: Local adaptation at different spatial scales in a long-lived perennial herb: the relative importance of climate versus soil composition	16-05 L. Decanter: Ecological niches and local adaptation of two closely related <i>Saxifraga rosacea</i> subspecies with different ploidy levels
17:45	15-12 F. Jauker: Effects of habitat loss and isolation on specialization in pollinator networks	1-12 A. Phillips: Morphological distinctness in birds: linking phylogeny and geography to identify processes shaping trait distributions	21-12 M. Clancy: On-line detection of plant VOCs after attack by phloem-feeding and chewing herbivores	9-12 A. Prinzing: Does demography prevent species from adapting to new environments?	16-06 T. Chakraborty: Stress ecology of beech trees in dry forests: role of multiple stressors on crown dieback & growth sensitivity under recurrent drought
18:00	15-13 J. Mangels: Diversity and trait composition of moths respond to land-use intensity in grasslands	1-13 T. Conradi: Linking long-term climate stability, species pools and forest productivity	21-13 J. Krauss: Systemic grass endophytes: A burden or a blessing?	9-13 H. Pánková: Local adaptations in plant populations: does arbuscular mycorrhiza matter?	16-07 V. Grimm: Linking research on resilience and multiple stressors
18:15	15-14 A. Zaitsev: Soil food web structure in heavily disturbed forest and agroecosystems	1-14 N. Shrestha: Tropical niche conservatism does not explain high <i>Rhododendron</i> richness in tropical and subtropical China		9-14 M. Macel: Evolutionary response to climate change? Regional adaptation of a range expanding species	
18:30	Foyer (1st floor & 2nd floor) - Ice breaker			Foyer (ground floor) - Scientific speed-dating	

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Time	Tuesday, 06.09.2016				
08:30	Audimax (+2/0010) - Keynote by Nathalie Pettorelli				
09:30	Coffee break				
	Lecture hall 1 (+1/0030)	Lecture hall 2 (+1/0110)	Lecture hall 3 (+1/0020)	Lecture hall 4 (+1/0010)	Lecture hall 5 (+2/0090)
	Session 23: Ecosystem services in cultural landscapes	Session 21: Multitrophic interactions in terrestrial ecosystem	Session 17: Forest ecology	Session 10: Intra- versus interspecific variation of plant traits	Session 1: Frontiers of Macroecology
10:00	23-01 R. Földesi: New challenges in conservation of pollinators in traditional agricultural landscapes in Transylvania (Romania)	21-15 M. Rohlf: Fungal chemical diversity: an overlooked domain in multispecies interactions?	17-01 S. Thorn: Deadwood amount and diversity determine functional and phylogenetic diversity of saproxylic organisms along an elevational gradient	10-01 K. Thonicke: The role of plant adaptive responses for ecosystem functioning in a changing climate: what we know and what we don't	1-15 M. Schleuning: Why do biotic interactions between plants and animals matter for macroecology?
10:15	23-02 Á. Vári: Berries, herbs and mushrooms mapping and assessing wild food as an ecosystem service in Transylvania	21-16 M. Cuny: Seed germination and seedling performance in wild lima bean plants are enhanced by a seed beetle and its parasitoid	17-02 M. Gossner: Dead wood enrichment in European forests - which tree species should be used to promote saproxylic beetle diversity?	10-02 H. Ali: Effects of plant functional traits on soil stability: intraspecific variability matters	1-16 M. Tucker: Intrinsic and extrinsic drivers of mammalian movement: a global signal of the human footprint.
10:30	23-03 M. Wiesmair: Grassland degradation in a mountain ecosystem: Impacts on plant diversity, vegetation cover, and site conditions	21-17 N. Graf: Indirect linkages between terrestrial and aquatic food webs	17-03 B. Schauer: Influence of tree hollow characteristics on saproxylic beetle diversity and diversity patterns in a managed forest	10-03 R. Junker: Inter- and intraspecific variation in floral and vegetative traits as response to altitude: implications for community assembly	1-17 K. Gerstner: Modelling land-use effects on European plant diversity using a countryside SAR approach
10:45	23-04 R. Walcher: Impacts of land-use change on the diversity of bumblebees, bugs and grasshoppers in semi-dry alpine meadows	21-18 A. Vossage: Plastic lowers the food quality of biofilm for the grazer <i>Radix balthica</i> (Gastropoda)	17-04 S. Seibold: Support for the habitat-amount hypothesis in a study of saproxylic beetles in forested landscapes	10-04 P. Dostal: More constant rather than more plastic plant species are the winners of ongoing anthropogenic environmental changes	1-18 C. Sheppard: Similarity to resident alien species increases establishment success: evidence for invasional meltdown?
11:00	23-05 J. Schirmel: The potential of irrigation to combine high yields and high species richness in lowland meadows	21-19 S. Ellendt: Skin bacteria in hybridizing European freshwater fish are shaped by environmental and host genetic factors	17-05 P. Schall: Forest stand structure little, but specifically affects biodiversity in European beech forests.	10-05 J. Kreyling: Plant responses to climatic extremes: within-species variation equals among-species variation	1-19 H. Seebens: Understanding historical dynamics to predict the future: Global spreading dynamics of alien species over 500 years

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	Session 23: Ecosystem services in cultural landscapes	Session 11: Spatial patterns and ecological processes	Session 17: Forest ecology	Session 10: Intra- versus interspecific variation of plant traits	Session 1: Frontiers of Macroecology
11:15	23-06 I. Joormann: Assessing the impacts of different grassland management treatments on insect-pollinated plants using long-term experiments		17-06 M. Grévé: Functional trait diversity of ant communities between land-use types	10-06 B. Rewald: A root is a root is a root? The importance to know your root type	Session 1: Frontiers of Macroecology - Discussion
11:30	23-07 N. Simons: Land-use intensity as a driver of insect communities and their functions	11-01 M. Steinbauer: Moving in focus: Within-island pattern of species-specific dispersal	17-07 E. Feldmann: Canopy gap dynamics drive structural complexity in a beech virgin forest in Slovakia	10-07 D. Schellenberger Costa: How do functional traits of dominant and broad-range species compare to overall trait space in trees, other terrestrial plants, and epiphytes?	
11:45	23-08 J. Leidinger: Historic and recent land use affects ecosystem functions in subtropical grasslands in southern Brazil	11-02 J. Vogt: Determining Scots pine (<i>Pinus sylvestris</i> L.) natural regeneration patterns by spatial distribution of overstorey seed trees	17-08 L. Sharma: Are canopy gaps important to maintain woody species diversity in subtropical forests?	10-08 J. Bergmann: Inter- and intraspecific root trait variability in grassland species	
12:00	23-09 P. Schleuss: Mechanisms of soil organic carbon and nutrients decrease by degradation of the world-largest alpine pastoral ecosystem	11-03 T. Gelmi-Candusso: Does seed disperser territoriality restrict gene movement in a Neotropical understory tree (<i>Leonia cymosa</i>)?	17-09 I. Meier: Traits, trade-offs and functional groups among Central European tree species	10-09 J. Zhu: A trade-off between primary and secondary seed dispersal by wind	
12:15	Lunch				
13:15	Foyer (1st & 2nd floor) - Poster Session A			Audimax (+2/0010) - Poster madness B	

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Time	Tuesday, 06.09.2016				
14:00	Audimax (+2/0010) - Keynote by Christian Wirth				
	Lecture hall 1 (+1/0030)	Lecture hall 2 (+1/0110)	Lecture hall 3 (+1/0020)	Lecture hall 4 (+1/0010)	Lecture hall 5 (+2/0090)
	Session 23: Ecosystem services in cultural landscapes	Session 11: Spatial patterns and ecological processes	Session 17: Forest ecology	Session 10: Intra- versus interspecific variation of plant traits	Session 18: Water - from the leaf to the ecosystem
15:00	23-10 L. Schaub: Do soil-borne ecosystem services react to landscape diversity in agriculture?	11-04 H. Lischke: Multiple stable fixpoints of the n-species Lotka-Volterra competition model: method and relevance for spatial diversity patterns	17-10 H. Bugmann: Different formulations of tree mortality lead to vastly different forest dynamics: an assessment across 15 models from the stand to the global scale	10-10 S. Bucher: Phenology of herbaceous species along elevational gradients is associated with plant functional traits	18-01 S. Jansen: Water transport in plants: why does it work, and when does it fail?
15:15	23-11 J. Schultner: Past and present access of rural households to ecosystem services in a rapidly changing cultural landscape in Ethiopia: winners and losers	11-05 H. Nagy: Effect of terrestrial cover types on occurrence of odonates along lowland creeks	17-11 B. Ohse: Different facets of diversity are driving browsing intensity of tree saplings on plot and individual level	10-11 B. Lang: Plant trait changes along a precipitation gradient in Mongolian rangelands	
15:30	23-12 T. Kiebacher: Epiphyte diversity in wooded pasture landscapes in central Europe: Connectivity matters for lichens but not for bryophytes	11-06 A. Bose: Predicting susceptibility and collision patterns of the Common Buzzard at wind turbine structures in the federal state of Brandenburg, Germany.	17-12 M. Bobrowski: Modelling browsing of deer on beech and birch in northern Germany	10-12 F. Vasseur: Growth scaling irregularities explained by local adaptation in <i>Arabidopsis thaliana</i>	18-02 Y. Zhang: Bordered pits in xylem tracheids of vesselless angiosperms and their misinterpretation as cryptic vessels
15:45	23-13 D. Braun: Do we gain more than wine from a viticultural landscape? A closer examination of the Moselle river valley	11-07 Z. László: Female biased sex-ratios of a <i>Wolbachia</i> infected parasitoid community: local and landscape effects	17-13 S. Vogel: Resource attributes, not time, determine fructification of <i>Fomitopsis pinicola</i> following bark-beetle outbreaks	10-13 M. Crawford: Intraspecific trait variation increases biodiversity by fostering the persistence of rare species: insights from an individual-based grassland model	18-03 L. Dietrich: Water status measures on mature individuals of five European forest tree species indicate species-specific differences in drought performance
16:00	Coffee break				
16:30	23-14 S. Kratschmer: Management intensity or landscape diversity: What matters most for wild bee diversity in wine-growing areas ?	11-08 A. Barnes: Spatial turnover in multitrophic ecosystem functioning across tropical and temperate ecosystems	17-14 M. Dillen: Identity rather than richness drives neighbourhood species composition effects on sapling growth in a young forest	10-14 T. Guo: Plant traits as indicators of environmental change simulating trait heterogeneity in a semi-arid savanna	18-04 B. Birami: Heat and drought: Stress and recovery responses of Aleppo pine seedlings

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	Lecture hall 1 (+1/0030)	Lecture hall 2 (+1/0110)	Lecture hall 3 (+1/0020)	Lecture hall 4 (+1/0010)	Lecture hall 5 (+2/0090)
	Session 23: Ecosystem services in cultural landscapes	Session 11: Spatial patterns and ecological processes	Session 17: Forest ecology	Session 19: Interactions and processes in novel communities	Session 18: Water - from the leaf to the ecosystem
16:45	23-15 S. Winter: Effects of vineyard management intensity on ecosystem services in cultural landscapes insights from a meta-analysis	11-09 D. Okach: The future of herbaceous community productivity and CO ₂ fluxes due to changes in rainfall pattern and grazing in Lambwe Valley, Kenya	17-15 M. Germany: Limited tree richness effects on herb layer composition, richness and productivity in experimental forest stands		18-05 M. Goisser: Finders keepers, losers weepers drought as a modifier of competition between European beech and Norway spruce
17:00	Session 24: Biodiversity and ecosystem services in intensive agricultural landscapes	11-10 J. Ahlborn: Ecosystem processes and spatial patterns along a climate- and land-use gradient in Mongolia	17-16 D. Gomez Gonzalez: Estimation of epiphytic biodiversity and biomass in a tropical montane forest, western Panama	19-01 J. Alexander: Rapid evolution during plant invasion influences competition with native species	18-06 K. Pritsch: Drought impact on reactivity of ectomycorrhizal communities of spruce and beech
17:15	24-01 K. Birkhofer: Land-use intensification alters the relationship between biodiversity and multiple ecosystem services	11-11 D. Schlaepfer: Topographic influence on the structure of a shrub steppe-temperate forest boundary	17-17 K. Anschlag: Vegetation as bioindicator of decomposition in a high mountain forest, Italian Alps	19-02 Z. Liao: Post-introduction evolution of invasive <i>Chromolaena odorata</i> in response to water deficit	18-07 U. Geppert: Effect of drought and nutrients on the distribution of recently assimilated carbohydrates of ectomycorrhizae of poplar
17:30	24-02 S. Van Den Berge: Biodiversity and associated ecosystem services in the woody networks of an intensive agricultural landscape	11-12 G. Rotem: Agricultural heterogeneity as an essential tool to protect a rich and diverse community within agricultural systems	17-18 M. Wilmking: Life on the edge: Stand structure, growth performance and reproductive success at treelines in Alaska - a genetic fingerprint?	19-03 M. Razanajatovo: Selfing ability as a driver of alien plant naturalization on islands	18-08 R. Fitz: Land use impact on diversity and water related traits of three African savanna grass species
17:45	24-03 J. Horn: Relative importance of farmland structure and crop diversity for honeybee persistence: predictions from the model BEEHAVE	11-13 Y. Guttel: Scale-dependency and species distribution dynamics of snails at Southern Judea Lowlands	17-19 C. Ngereza: The importance of disturbed and converted forests landscapes in the assessment of the biodiversity of land snails on Mt. Kilimanjaro	19-04 A. Kirschbaum: Genetic diversity, fluctuating resources, and the resistance of native plant communities to <i>Solidago</i> invasion	18-09 L. Korell: Effects of nitrogen availability and drought on interactions of a hemiparasite with its host species

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	Session 23: Ecosystem services in cultural landscapes	Session 11: Spatial patterns and ecological processes	Session 17: Forest ecology	Session 19: Interactions and processes in novel communities	Session 18: Water - from the leaf to the ecosystem	
18:00	24-04 M. Mendoza-García: Oilseed rape, boundary and weed floral resources support pollinators in cereal-dominated landscapes in NE Spain	11-14 M. Shemesh: Arthropod diversity at the agroecosystem of Southern Judea Lowlands	17-20 E. Brianskaia: Forests of Lake Baikal Eastern coast	19-05 V. Vetter: A global legume invader shows high resistance towards extreme weather events and competition	18-10 H. Zhang: How do changes in CO ₂ concentration affect cellulose $\delta^{18}\text{O}$?	
18:15	24-05 S. Bänisch: Effects of mass-flowering crops on pollination success of minor crops: Facilitation or competition?	11-15 K. Sasaki: A general relationship between landscape structure and farmland bird diversity? A comparative study between Germany and Japan	17-21 C. Marín: Edaphic factors structuring soil fungal assemblages in old-growth temperate rainforests of Chile	19-06 R. Schaible: Colonization of new marginal habitats, effects for life history for the long-lived ocean quahog <i>Arctica islandica</i>	18-11 S. Nolte: Encroachment of <i>Elymus athericus</i> in salt marshes - The role of waterlogging and physiological integration	
18:30	Meeting of GfÖ working groups					
	YoMos - Young modellers	Soil Ecology	IK Computational Ecology	Forest Ecology	Macroecology	Ecosystem Research
20:00	Audimax (+2/0010) - Public evening lecture by Matthias Glaubrecht					

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Time	Wednesday, 07.09.2016					
08:30	Audimax (+2/0010) - Keynote by Rien Aerts					
09:30	Coffee break					
	Lecture hall 1 (+1/0030)	Lecture hall 2 (+1/0110)	Lecture hall 3 (+1/0020)	Lecture hall 4 (+1/0010)	Lecture hall 5 (+2/0090)	Meeting room (+2/0110)
	Session 24: Biodiversity and ecosystem services in intensive agricultural landscapes	Session 11: Spatial patterns and ecological processes	Session 19: Interactions and processes in novel communities	Session 2: Nature restoration and conservation	Session 3: Integrating movement and biodiversity	Session 27: Social-ecological biodiversity research
10:00	24-06 E. Hegazi: Sustainable control of lepidopterous pests in olive groves : integration of egg parasitoids and pheromones	11-16 N. Hellwig: Spatial patterns of forest humus forms and decomposition processes in two Italian Alpine valleys	19-07 J. Bieberich: Impact of the invasive <i>Impatiens glandulifera</i> on the growth of co-occurring native plant seedlings	2-01 A. Ensslin: Preserving functional traits and trait variation in ex situ conservation programs: lessons from botanic garden collections	3-01 U. Schlägel: Movement-mediated biodiversity in a changing world	27-01 U. Arbieu: Biodiversity and wildlife tourism in Southern Africa: a cultural ecosystem service assessment
10:15	24-07 M. Dainese: Managing trap-nesting bees as crop pollinators: interactive effects of floral resources and antagonists at local and landscape scales	11-17 J. Oellers: The Edaphobase Nationwide Field Monitoring - an approach to find reference values of soil organism communities for different habitat types	19-08 A. Sendek: The good, the bad and the integrated. How different aspects of traits affect co-occurring invasive and native species?	2-02 B. Huwe: Experimental test on the performance of an ex-situ cultivated plant species under natural in-situ conditions: influence of time since divergence and cultivation conditions	3-02 J. Calabrese: Choosing the right tool for the job: Range vs. occurrence distributions for quantifying animal space use	27-02 S. Knapp: Can we enhance ecosystem services by protecting biodiversity in urban areas or do we just hope it is that easy?
10:30	24-08 L. Brünjes: Bee pollinators of faba bean (<i>Vicia faba</i> L.) differ in their foraging behavior and pollination probability		19-09 J. Kuppler: Asymmetric trait-based niche overlap indicates a higher competitive ability of invasive flower visitors than natives	2-03 R. Nagel: Evolution in cultivation: the effect of seed propagation ex situ on plant traits	3-03 W. Ullmann: How landscape diversity affects animals energy expenditure via movement	27-03 L. Drees: ESS trade-offs: How integrated modelling can help
10:45	24-09 G. Everwand: Grassland Intensification negatively affects carabid beetles, rove beetles and spiders		19-10 M. Hock: Invasion success of exotic plant species: merging global distribution data with results of two reciprocal multispecies common garden experiments	2-04 D. Lauterbach: The German plant conservation network 'WIPs-De' - integration of ex situ and in situ plant species conservation	3-04 J. Turner: Spatial ecology of urban squirrels and hedgehogs	27-04 Y. Henselek: How pollinator species diversity affects the probability distribution of pollination and of farm income
11:00	24-10 M. Pingel: Effects of tillage and fertilization on vegetation, soil microbial communities, and soil functions in a 35-years vineyard experiment		19-11 S. Block: Effects of drought timing, drought intensity and drought duration on the success of exotic plants in native communities	2-05 B. Gemeinholzer: To do or not to do: Using non-local genotypes for restoration projects	3-05 L. Teckentrup: Animal communities under environmental change: The role of traits and individual space use	27-05 G. Freitas: Tensions between conservation and production. Environmental vulnerability and ecology in Valle del Lunarejo Protectec Landscape, Rivera, Uruguay

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	Session 24: Biodiversity and ecosystem services in intensive agricultural landscapes	Session 12: Spatial ecology and evolution	Session 19: Interactions and processes in novel communities	Session 2: Nature restoration and conservation	Session 3: Integrating movement and biodiversity
11:15	24-11 K. John: Greenhouse gas emission intensity depends on the history of earthworm bioturbation in the rice soil	12-01 M. Cobben: Stable partial migration? Bridging theory and practice	19-12 S. Harvolk-Schöning: Human impact on plant species diversity in functional floodplains of heavily modified rivers	2-06 L. Baeten: Advancing insights into the potential of assisted colonization: monitoring introduced forest herb species for 18 growing seasons	3-06 J. Signer: From step selection function to utilization distribution: How best to make a pretty map
11:30	24-12 C. Selig: Determining the degree of seed limitation in an annual weed on maize fields.	12-02 S. Kruse: Population genetics and individual-based modelling - Siberian treeline dynamics in a warming climate.	19-13 H. Boehmer: Rapid emergence of a novel ecosystem in a Pacific island forest reserve	2-07 A. Bucharova: More harm than good? Assisted migration of foundation species	3-07 L. Fisler: Migration strength of hoverflies (Syrphidae) in relation to meteorological conditions
11:45	24-13 S. Aboling: Usage of the floristic diversity by goats in the course of grazing	12-03 M. Curto: Impact of gene-flow and hybridization in the evolution of <i>Micromeria</i> (Lamiaceae) from the Canary Islands.	19-14 J. Hines: Plant soil feedbacks stabilize plant community biomass against impacts of global change	2-08 F. Van Rossum: Genetic rescue of critically endangered plant species as a tool for grassland restoration	3-08 M. Schaefer: Understanding life-history strategies of migratory birds to study indirect impacts of global change on biodiversity
12:00	24-14 A. Früh-Müller: Spatial mismatch between ecological deficits and agri-environmental subsidies across Germany	12-04 E. Neuschulz: Biotic interactions and dispersal ability determine recruitment of Swiss stone pine at both, upper and lower elevational range edges	19-15 O. Ferlian: Impacts of an exotic soil ecosystem engineer on soil biodiversity: a meta-analysis	2-09 G. Garfi: Genetics, biotechnology and assisted colonization as key tools to secure the survival of the climate relict tree <i>Zelkova sicula</i> in Sicily	3-09 R. Nathan: High-throughput movement ecology and its potential contribution to biodiversity and ecosystem research
12:15	Lunch				
13:15	Foyer (1st & 2nd floor) - Poster Session B			Audimax (+2/0010) - Poster madness A	

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Wednesday, 07.09.2016					
14:00	Audimax (+2/0010) - Keynote by Thomas Lewinsohn				
	Lecture hall 1 (+1/0030)	Lecture hall 2 (+1/0110)	Lecture hall 3 (+1/0020)	Lecture hall 4 (+1/0010)	Lecture hall 5 (+2/0090)
	Session 4: Habitat fragmentation	Session 13: Ecological genetic diversity	Session 14: Physiological plant ecology	Session 29: Observing nature	Session 3: Integrating movement and biodiversity
15:00	4-01 J. Thiele: Using circuit theory to estimate the effect of isolation on colonisation of forest fragments by plants	13-01 E. Mosner: Scale dependent spatial genetic patterns of <i>Frangula alnus</i> as a basis for the identification of provenance regions	14-01 A. Malyshev: Forcing requirements and cold tolerance are independent for tree buds in winter and spring	29-01 M. Rödel: Unusual associations: the Red-Rubber Frog lives and its arthropod hosts	3-10 T. Mueller: Linking animal movements with ecosystem functions
15:15	4-02 T. Sandner: Environmental effects on inbreeding depression in plants	13-02 D. Silva de Oliveira: How does the historical land use influence on population dynamics of <i>Spondias tuberosa</i> Arr. Câm. in Caatinga?	14-02 D. Doktor: Future tree phenology - chilling requirements and photo-period limit budburst advancement	29-02 M. Türke: Soil mites disperse with high-speed in the guts of slugs	3-11 J. Loos: Resource distribution affect butterfly movements in cultural mosaic landscapes
15:30	4-03 F. Rehling: Intensity of different types of stress does not increase inbreeding depression in the legume <i>Anthyllis vulneraria</i>	13-03 V. Kowallik: Eco-evolutionary dynamics in rapidly evolving antagonistic algae-virus populations	14-03 J. Kozak: Dwarf, subalpine coniferous forests on permafrost lenses below the treeline in the Swiss Alps	29-03 K. Mody: Unique arthropod communities on conspecific trees: explanations and consequences for local arthropod diversity	3-12 C. Scherer: Individual movement decisions shape disease dynamics: Combining movement ecology and epidemiological models
15:45	4-04 J. Riemann: Frog functional diversity in a fragmented landscape	13-04 M. Dhimi: Genetic basis of priority effect exhibited by dominant nectar yeast, <i>Metschnikowia reukaufii</i>	14-04 C. Körner: Plant water relations revisited	29-04 S. Getzin: Discovery of fairy circles in Australia supports self-organization theory	
16:00	Coffee break				

GfÖ 2016 Marburg - Detailed program

Wednesday, 07.09.2016					
Time	Lecture hall 1 (+1/0030)	Lecture hall 2 (+1/0110)	Lecture hall 3 (+1/0020)	Lecture hall 4 (+1/0010)	Lecture hall 5 (+2/0090)
	Session 4: Habitat fragmentation	Session 13: Ecological genetic diversity	Session 14: Physiological plant ecology	Session 29: Observing nature	Session 5: Remote sensing in ecology
16:30	4-05 N. Habibzadeh: The distribution of brown bear in Northwestern Iran: mapping habitat suitability and potential connectivity	13-05 S. Schmidt: Does irrigation facilitate or hinder dispersal for soil mites and collembola?	14-05 P. Schäfer: Productivity and water use of <i>Populus euphratica</i> trees and stands along groundwater gradients in riparian forests of Central Asia	29-05 S. Abrahamczyk: A question of data quality - testing pollination syndromes in Balsaminaceae	5-01 A. Braun: Assessing ecological impacts of commercial land appropriation - An integrative approach developed for Latin America
16:45	4-06 D. Matthies: Session synthesis	13-06 J. Menger: Genetic structure of the rufous-throated antbird (<i>Gymnopathys rufigula</i>), an Amazonian obligate army ant follower	14-06 G. Ratzmann: Trees and grasses in savannas: modelling the functional mechanisms	29-06 E. Frank: Saving the injured: Rescue behaviour in the termite hunting ant <i>Megaponera analis</i>	5-02 D. Dokor: A phenology-driven land-cover classification
17:00		13-07 A. Scheuerlein: The diversity of ageing within species	14-07 Z. Wang: Functional trait relationships of bryophyte	29-07 F. Baumgarten Rosumek: Historical records or fish tales? Comparing natural history accounts with quantitative field data on Neotropical ants	5-03 K. Grant: Satellite-based monitoring of grassland – assessment of cutting dates and frequency using sentinel data
17:15			14-08 B. Dechant: Mechanisms behind the estimation of photosynthesis traits from leaf reflectance observations	29-08 H. Feldhaar: Exocrine secretions: internalized medicine?	5-04 C. Guimarães-Steinicke: Intra-annual dynamics of diversity drivers on grasslands communities using 3D images
17:30 - 19:00	GfÖ General meeting				
18:30	<i>Rotkehlchen (Waggonhalle, Rudolf-Bultmann-Straße 2a) - GfÖ Club night & BBQ</i>				

GfÖ 2016 Marburg - Detailed program

Time	Thursday, 08.09.2016				
08:30	Audimax (+2/0010) - Keynote Shahid Naeem				
09:30	Coffee break				
	Lecture hall 1 (+1/0030)	Lecture hall 2 (+1/0110)	Lecture hall 3 (+1/0020)	Lecture hall 4 (+1/0010)	Lecture hall 5 (+2/0090)
	Session 7: IPBES – ecological knowledge exchange at the science-policy interface	Session 2: Nature restoration and conservation	Session 6: Science for Nature Conservation	Session 14: Physiological plant ecology	Session 30: Data visibility, access and fitness for use
10:00	7-01 U. von Witsch: IPBES: Activities emerging from completed and ongoing assessments & opportunities for involvement	2-10 L. Thill: Reintroduction of three rare and endangered species into steppe grasslands in Thuringia, Germany	6-01 W. Weisser: All animals are equal, but some are more equal than others: the habitat directives and species conservation	14-09 H. Hartmann: Non-structural carbohydrates in tree ecophysiological research from what we can measure to what we want to know	30-01 J. Hausen: Edaphobase automated tools for analysis of ecological data: the ambivalence between data mining and data meaning
10:15	7-02 J. Settele: A complete assessment cycle within IPBES - Insights of the pollination assessment	2-11 O. Kienberg: Habitat-specific differences in the population dynamics of the endangered steppe plant species <i>Astragalus exscapus</i>	6-02 M. Dieterich: Nature conservation effects of different bio-energy cultures	14-10 M. García Lino: Facilitation consequences for the benefactor cushion plant <i>Laretia acaulis</i> in the high Central Andes of Chile: costs or benefits?	30-02 H. Kreft: The Global Naturalized Alien Flora (GloNAF), a new resource for understanding plant invasions worldwide
10:30	7-03 E. Spehn: IPBES regional assessment for Europe and Central Asia	2-12 M. Forker: Restoration of grasslands: From mowing and grazing regimes to gardening?	6-03 S. Meyer: Conserving agrobiodiversity through important arable plant areas (IAPA) - Lessons learnt from the 100 Fields for Diversity project	14-11 R. Bögelein: Examining the impact of phloem translocation on C-13 signatures of broadleaved and conifer trees using compound-specific isotope analyses	30-03 J. Felden: Integrated management of biodiversity data in German Federation for Biological Data (GFBio)
10:45	7-04 E. Marquard: Outputs of the 3rd Pan-European IPBES Stakeholder Consultation (PESC-3)	2-13 K. Engst: Restoration ecology meets Functional community ecology: Assessment of restoration success of semi-natural grasslands	6-04 A. Bergamini: Bryophyte diaspore bank in Ecological Focus Areas in arable farming in Swiss lowlands	14-12 G. Zotz: Luxury consumption in epiphytic bromeliads	30-04 J. Drönner: VAT - A fast interactive biodiversity research environment for managing spatio-temporal data
11:00	7-05 T. Ichinose: Japanese City Biodiversity Index (J-CBI) for large-scale assessments of urban ecosystems	2-14 J. Wubs: Soil inoculation steers restoration of terrestrial ecosystems	6-05 M. Seither: Maintenance of species-rich grassland under agricultural use	14-13 M. Raatz: High food quality of prey lowers its risk of extinction	30-05 C. Pfaff: Comprehensive Annotation For Ecology (CAFE)

GfÖ 2016 Marburg - Detailed program

Time	Thursday, 08.09.2016				
	Lecture hall 1 (+1/0030)	Lecture hall 2 (+1/0110)	Lecture hall 3 (+1/0020)	Lecture hall 4 (+1/0010)	Lecture hall 5 (+2/0090)
	Session 25: Citizen Science	Session 2: Nature restoration and conservation	Session 6: Science for Nature Conservation	Session 14: Physiological plant ecology	Session 30: Data visibility, access and fitness for use
11:15	25-01 S. Stadler: Crazy for birds? School children observe birds in their backyards	2-15 R. van Klink: Using life-history traits to predict arthropod responses to grasslands management amid species pool influences	6-06 S. Boch: Direct and productivity-mediated indirect irrigation and fertilization effects on plant and bryophyte diversity in meadows	14-14 J. Schiebold: An orchid's exquisite taste for truffles - partial mycoheterotrophy in the genus <i>Epipactis</i>	30-06 R. Gerlach: How to improve data visibility, re-use and fitness for use - technical and non-technical approaches while developing a data management software
11:30	25-02 K. Plenk: Tracking punks in your backyard citizen science on hedgehogs in gardens	2-16 T. Fartmann: Effects of mire restoration by drainage ditch impoundments on dragonflies	6-07 I. Grass: Much more than bees - harnessing the conservation value of wildflower plantings	14-15 J. Simon: The battle for nitrogen in the rhizosphere	30-07 F. Hartig: Few data, many predictors comparing model selection, averaging and regularization in underpowered regression studies
11:45	25-03 M. Brandt: Citizen Science in urban wildlife ecology - lessons learnt in Berlin	2-17 B. Baur: Dynamics of two reintroduced populations of the Blue-winged grasshopper <i>Oedipoda caeruleascens</i> over 21 years	6-08 D. Warzecha: Pollinator communities can be effectively supported by seed mixtures with only few attractive plant species	14-16 K. Herz: Linking root exudates to functional plant traits of ten grassland species in natural grassland communities	30-08 M. Schmidt: Plant photographs as a source of trait data - automated trait recognition from 'African Plants - a photo guide'
12:00	25-04 K. Ronnenberg: Habitat modelling of the returning wolf to Lower Saxony by means of two citizen science programs	2-18 N. Curcic: Human impact on vegetation in National Park Kopaonik, Serbia	6-09 A. Papanikolaou: Landscape structure alters the response of wild bee communities to changes in weather conditions	14-17 K. Pietsch: The relationship of leaf and wood decomposability: from global to local patterns	30-09 P. Schultze-Motel: Talking about data: the Helmholtz Open Science Webinars on research data
12:15	25-05 P. Hsing: Co-creating a generalisable web platform for citizen science camera trap ecological monitoring	Lunch			
12:30	25-06 A. Bonn: Lebendiger Atlas - Natur Deutschland				
13:15	Foyer (1st floor & 2nd floor) - Poster Session A & B				

GfÖ 2016 Marburg - Detailed program

Time	Thursday, 08.09.2016				
14:00	Audimax (+2/0010) - GfÖ Award Session				
	Lecture hall 1 (+1/0030)	Lecture hall 2 (+1/0110)	Lecture hall 3 (+1/0020)	Lecture hall 4 (+1/0010)	Lecture hall 5 (+2/0090)
	Session 26: Envisioning multifunctional sustainable landscapes in urban and rural areas	Session 8: Patterns and processes in wilderness development	Session 6: Science for Nature Conservation	Session 28: Societal dimensions in ecological research	Session 20: Urban ecology
15:00	26-01 A. Kries: Mind the detail - Citizens, administration and Urban Green in Baden-Württemberg	8-01 G. Rosenthal: Wilderness areas in Germany - relevance for natural ecological processes and biodiversity	6-10 J. Habel: Global change in action - butterfly community shifts over time	28-01 S. Lyngdoh: Print news in India: A case study of wildlife news reports	20-01 E. Knop: Large-scale biotic homogenization and reduced ecosystem resilience due to urbanization
15:15	26-02 L. Pille: Planning a water sensitive and biodiversity friendly city	8-02 T. van Elsen: Approaches to identify	6-11 D. Ehlers: Are semi-open corridors a tool to overcome landscape fragmentation for both endangered open and woodland arthropods?	28-02 B. Müller: Group approaches for targeted implementation of Agri-Environmental Measures (AEM) on the landscape level in Hesse/Germany	20-02 L. Gaggini: Settlements as a source for the spread of non-native plants into mixed deciduous suburban forests in Switzerland
15:30	26-03 D. Cszmadia: Strategies for sustainable urban water management in European metropolises	8-03 A. Hopf: Effects of large-scale grazing on pioneer tree species in a northeastern German former military training area	6-12 E. Travers: Using semi-open corridors to simultaneously connect open landscapes and woodlands - from a plant perspective	28-03 J. Naah: Determinants of agro-pastoralists valuation criteria of forage resources in West Africa's Sudanian savannas - an ethnobotanical approach	20-03 H. Rusterholz: Effects of road type and urbanization on the diversity and abundance of alien species in roadside verges in Western Siberia
15:45	26-04 C. Möller: Blue Green Infrastructure in Theorie und Praxis	8-04 S. Hudjetz: Simulation of natural succession in grassland areas and after windthrow	6-13 I. Dörfler: Evaluation of an integrative strategy for biodiversity protection in forests	28-04 J. Bischofberger: Integration practitioners' knowledge in ecological research - insights from Namibian farmers	20-04 P. Batáry: Importance of suburban areas for birds: a hierarchical meta-analysis
16:00	Coffee break				
16:30	26-05 M. Rahman: Comparing the cooling benefits of different urban tree species at contrasting growth conditions	8-05 A. Peringer: Herbivore-vegetation-climate interactions in landscape dynamics of mountain pasture-woodlands	6-14 I. Leyer: Research for implementation: Restoring <i>Arnica montana</i> populations in Hesse	28-05 R. Rogers: Integrating human livelihood needs when developing nature conservation strategies - a case study of Kitui district	20-05 M. Moretti: Linking biodiversity and ecosystem functioning in urban gardens - First attempts and perspectives

GfÖ 2016 Marburg - Detailed program

Time	Thursday, 08.09.2016				
	Lecture hall 1 (+1/0030)	Lecture hall 2 (+1/0110)	Lecture hall 3 (+1/0020)	Lecture hall 4 (+1/0010)	Lecture hall 5 (+2/0090)
	Session 26: Envisioning multifunctional sustainable landscapes in urban and rural areas	Session 8: Patterns and processes in wilderness development	Session 6: Science for Nature Conservation	Session 28: Societal dimensions in ecological research	Session 20: Urban ecology
16:45	26-06 T. Schroeder-Georgi: About the complexity of BEF relationships and why beta-diversity is more important than alpha diversity	8-06 V. Werle: Model-based exploration of interactions among large grazers and natural disturbances in beech forest	6-15 B. Gemeinholzer: Ex situ populations and their suitability for conservation purposes	28-06 J. Hanspach: Changing perspective - insights from five years of social-ecological research in Southern Transylvania	20-06 R. Lázaro Martín: Urban vegetation cover drives nest performance in <i>Bombus terrestris</i>
17:00	26-07 M. Lessard-Therrien: Tradeoffs in maintaining plant and invertebrate biodiversity and hay productivity in montane semi-natural grasslands	8-07 K. Schulze: Starting points for wilderness development in Germany and the potential role of natural disturbance and mega-herbivores	6-16 S. Fink: Predicting the colonization of reconstructed riparian areas - an example of an endangered shrub species	28-07 D. Macandog: Biodiversity Monitoring System (BMS): Understanding bird species occurrence patterns in Philippine Protected Areas	20-07 R. Melliger: Urban forests: Effects of area, shape and composition of the surrounding landscape on plant diversity
17:15	26-08 L. Ramirez: Fostering landscape multifunctionality by spatial optimization?	8-08 A. Peringer: Session synthesis	6-17 S. Krenek: Population genetics of the common barbel in Germany for conservation measures of genetic resources in the fisheries	28-08 J. Jetzkowitz: The societal dimensions in ecological research - a sociological perspective	20-08 B. Braschler: Ants in urban habitats: changes in ant communities along an urbanisation gradient
17:30	26-09 S. Miede: Landscape change impacts on health and diversity of pollinators in Uruguay		6-18 M. Saifi: The effect of grazing enclosure on the conservation of plant community structure and diversity in arid Mediterranean steppe of Algeria.		20-09 R. Dufnot: The influence of landscape context and habitat connectivity on plants and birds communities in grasslands along an urban-rural gradient
17:45	26-10 A. Eyvaz-Zadeh: Facing the challenge of accelerated land use impacts on temperate wetlands in Northern Iran		6-19 N. Dejid: Do dynamics of foraging habitat explain high mobility of a desert-dwelling ungulate?		20-10 K. Luder: Contrasting responses of migratory and non-migratory syrphid guilds to urbanization
18:00	Audimax (+2/0010) - Closing address				