

Macroecology 2019 Würzburg: Bridging local patterns and global challenges - Detailed Program					
Time	Day 1: 11th March	Day 2: 12th March (In Biocenter, University of Würzburg)	Day 3: 13th March (In Biocenter, University of Würzburg)	Day 4: 14th March (In Biocenter, University of Würzburg)	Legend
8:30 - 9:00		REGISTRATION			Coffee break
9:00 - 9:15		WELCOME	Maria Dornelas: Biodiversity and dissecting biotic change	Alexandre Antonelli: Two hundred years and one billion species sightings in search of Humboldt's vision: Are we there yet?	Lunch
9:15 - 9:30		Susanne Fritz: Seasonal relationships of avian diversity with climate in Australia			Registration
9:30 - 9:45		Christine S. Sheppard: Biotic resistance or introduction bias? Immigrant plant performance decreases with residence times over millennia	Matthias Schlieuning: Coupled species' responses to global change in ecological networks	Shan Huang: The complex history behind biodiversity in mountain ranges: New insights from a synthesis of the two old fields of geology and biogeography	Keynote
9:45 - 10:00		Niklas Hohmann: The Necessity of Symmetric Waxing and Waning	Matthias F. Biber: Future changes in drivers of avian diversity in Pakistan	Friderike Gebert: Climate-mediated changes in the functional composition of dung beetle communities determine rates of dung decomposition along extensive environmental gradients on Mt. Kilimanjaro, Tanzania	Icebreaker
10:00 - 10:15		Ludmila Figueiredo: Mechanisms of extinction debt across spatio-temporal scales and ecological levels	Maria H. Häggfors: Increased intraspecific temporal aggregation in egg hatching of Finnish birds	Jimmy Moses: Nutrient utilization by tropical ant communities along three extensive elevational gradients: a cross-continental comparison	Conference
10:15 - 10:30		Anne Mimet: Community changes in space and time: Bridging environmental predictability and community specialization in the spotlight	Damaris Zurell: Long-distance migratory birds face multiple risks from global change	Antonia W. Mayr: Climate and food resources shape species richness and trophic interactions of cavity-nesting Hymenoptera on Mt. Kilimanjaro	Oral presentations
10:30 - 11:00		COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	Poster presentations
11:00 - 11:15		Holger KrefT: Functional island biogeography - concepts and prospects	Christian Hof: Towards a better understanding of global change impacts on biodiversity by integrating data and approaches across disciplines and scales	Amanda Taylor: Global diversity and biogeography of vascular epiphytes	Minicourses, discussions
11:15 - 11:30		Milay Razanajatovo: Two global tests of Baker's Law: Plant selfing ability promotes island colonization and naturalization	Alve Voskamp: Impacts of climate change on the community compositions and diversity of the world's terrestrial birds under different warming scenarios	Vladimir Remes: Species diversity and vegetation structure drive functional organization of avian communities along a continental-scale latitudinal gradient	
11:30 - 11:45		Elisa Barreto Pereira: Determinants of island richness and endemism of mammals on islands	Noëlle Maurer: Linking local and continental success of alien woody ornamental plants	David Eichenberg: Trends in German Plant Distribution – a synthesis study across six decades	
11:45 - 12:00		Dylan Craven: Interacting abiotic and biotic filters shape woody invasions across spatial scales in the Hawaiian archipelago	Babak Naimi: Spatiotemporal changes in the intensity of global land cover fragmentation	Francesco Maria Sabatini: Using sPlot - the global vegetation plot database - to explore global patterns of plot-specific plant species pools	
12:00 - 12:15		Yangqing Luo: The role of pollinator diversity in structuring oceanic island plant assemblages	Eliane S. Meier and Gisela Lüscher: Evaluation of agri-environment schemes on biodiversity: Analysing local scale data in order to contribute to national strategies	Jens Mutke: Trends in the conservation status of the global centres of plant diversity during the last 25 years	
12:15 - 12:30		Iwona Dembicz: Steppe islands: where island biogeography meets the reality of a severely fragmented habitat	Laura Antão: Temperature driven biodiversity redistribution on Earth	Awards and closing remarks	
12:30 - 12:45		Dagmar M. Hanz: Functional diversity of the flora of the Canary Islands	Aafke M. Schipper: Implications of three diverging shared socio-economic pathways for terrestrial biodiversity worldwide		
12:45 - 14:00		LUNCH	LUNCH	Posters (Tuesday evening session):	
14:00 - 14:15		W. Daniel Kissling: Using airborne laser scanning to quantify fine-scale habitat structures at macroscales	Manuel J Steinbauer: The paleontological legacy in climate-related extinction risk	Alice Claßen: The ADAPT project - Adaptation of alpine pollinators in times of global change	Lirong Cai: Global diversity patterns and drivers of plants
14:15 - 14:30		Mikael Pontarp: Linking assembly processes and community patterns - Dynamic models and Approximate Bayesian Computation (ABC)	John T. Clark: Testing for differences in evolutionary dynamics between marine and freshwater environments	Eva Katharina Engelhardt: A framework for analysing cross-system trends in central Europe	
14:30 - 14:45		Ludwig Leidinger: Temporal environmental variation interacts with genetic and ecological traits to shape metacommunity composition	Gregor Mathes: A novel approach to define evolutionary units in Phanerozoic reefs	Lenka Harmáčková: Foraging specialization and niche overlap in Australian songbirds	
14:45 - 15:00		Carlos Eduardo Arlé: BiRacatus: an R platform to estimate the accuracy and biogeographical status of point-occurrence records	G. William M. Harrison: Diversity Dynamics of Bivalves and Brachiopods across the Marine Mesozoic Revolution	Jeroen van Dijk: The extinction-abundance relationship through deep time	
15:00 - 15:15		Laura J. Graham: Bridging landscape ecology and macroecology: a data aggregation method for environmental heterogeneity	Sebastian Teichert: Facilitation of coral reef growth by coralline red algae – a data of the last 150 million years	Glenda Mendietta-Leiva: EpiG, the epiphyte inventory group database	
15:15 - 15:30		Zsófia Koma: LIDAR-based species distribution modelling reveals fine-scale habitat associations of wetland birds	Pascal Abel: Macroecological patterns in the extinct cephalopod subclass Ammonoidea	Omyedikachi Kingsley Okoye: Domination and invasion of Spartina alterniflora cordgrass in Yancheng Rare Birds National Reserve as assessed by Satellite Remote Sensing from 2003-2018	
15:30 - 15:45		Martha Paola Barajas-Barbosa: Environmental heterogeneity as a driver of plant diversity on oceanic islands	Indré Žiobaltė: Recent developments in dental ecometric modelling	Ines Pyko: Will arctic reefs disappear with ongoing global change?	
15:45 - 16:00		COFFEE BREAK	COFFEE BREAK	Ingmar R. Staudé: Range size predicts the risk of local extinction from habitat loss	
16:00 - 16:15	Hannes Taubenböck and Kamran Safi: Space-borne technologies to monitor the world and its capabilities for macroecology (Public Keynote in Toscanassa), the Residence)			Nina Silknerich: Trophic network comparison of the Paratethys, Mediterranean Sea and Barents Sea based on ichtyofauna	
16:15 - 16:30		Alexander Zizka: Improving the reliability of geographic records from biological collections for macroecological research and conservation assessment		Anna Voulgarí-Kokota: Megachilid bees in pollination networks	
16:30 - 16:45		Emilia Jarochowska: Gradient diversity along the onshore-offshore cradient: marginal marine environments were a cradle of early vertebrates		Anne Lewerentz: Distribution of functional types of freshwater macrophytes across Bavarian lakes	
16:45 - 17:00		Søren Faabry: Brain expansion in early hominins explains carnivore extinctions in East Africa		Daniel Vedder: Modelling species invasions on oceanic islands	
17:00 - 17:15		Giacomo Puglioni: Contrasting patterns of biomass allocation of woody species to abiotic stress tolerance	MINICOURSES AND DISCUSSIONS		Ania Maria Bastidas-Urrutia: Impact of oil palm cultivation on deforestation area over the last three decades in the southwest of Colombia
17:15 - 17:30	REGISTRATION (in Hofkeller, the Residence)	Thore Engel: Community weighted means of resource economics traits predict vegetation index in global compilation of grassland plots		Faith Jones: Increasing numbers of rare species in local assemblages are related to more new species entering assemblages	
17:30 - 17:45		Jürgen Dengler: General patterns of species-area relationships emerging from nearly 5,000 grassland plots		Martina Scacco: Static landscape, uplift availability and energetics of soaring birds across Europe	
17:45 - 18:00		Luis Fernando Marin da Fonte: Amphibian diversity in the Amazonian floating meadows		Sandra Kehrberger: Emergence of two solitary spring bees advances less strongly with warming temperatures than flowering of an early spring plant	
18:00 - 19:00		ICEBREAKER (in Hofkeller, the Residence)			Gergana Daskalova: Population change across Europe's land abandonment hotspots
19:00 - 20:00			POSTER SESSION	CONFERENCE DINNER (until 23:00 - in Bürgerspital)	Carolina Bello: Defaunation affects carbon stock in tropical forests