		Wednesday 21/03/2018		
		Main auditorium		
	08:30	Welcome / Housekeeping		
	08:50	Plenary 1	Kate Lyons	The influence of climate and biodiversity loss on the structure and function of mammalian communities
Pleanery and symposium talks	09:35	S1.1	Alan M. Haywood	Palaeoclimate models and their application to understanding episodes of biological change
	09:55	S1.2	Mathias Vuille	Environmental change in tropical South America over the past several millennia - evidence from paleoclimate reconstructions and model simulations
	10:15	S1.3	Sherilyn C. Fritz	Geogenomics: Integrating Geology and Phylogenetics to Study the Evolutionary History of Tropical South America
	10:35	S1.4	Christine D. Bacon	The road to evolutionary success: high genetic diversity, historical connectivity, and environmental selection in an Amazonian palm
	10:55	20-minute Coffee Break		
	11:15	S1.5	Catalina Pimiento	Changes in sea level caused the extinction of marine megafauna in the Pliocene
	11:35	S1.6	Monique Simon	How do integrated phenotypes responded to past climatic selective pressures?
	11:55	20-min Panel discussion / Q&A		
	12:15	Plenary 2	Felisa A. Smith	Individual and community level responses to climate change and biodiversity loss over the late Quaternary.
	13:00	1-hour Lunch		

Time		Main Auditorium			Room 131			Room 124	
14:00	T1.1	Ishan Agarwal	Mass extinctions with Miocene warming	T2.1	L. Phelps	Holocene changes in the animal production niche: Land use trends on the African continent	T3.1	Suzette Flantua	Assembling the biogeographic history of hyper-diverse Andean alpine ecosystems using long continental fossil pollen records and phylogeny
14:20	T1.2	Christiana McDonald-Spicer	Identifying refugia: species and community modelling approaches	T2.2	Rachid Cheddadi	Microrefugia, Climate Change, and Conservation of Cedrus atlantica in the Rif Mountains, Morocco	T3.2	Mariana Vasconcellos	Population genomics, distribution models, and fossil pollen data reveal the impact of past climate changes in the Araucaria Forest of southern Brazil
14:35	T1.3	Damien A. Fordham	Anthropogenic warming will destabilize late Quaternary climate refugia	T2.3	Dennise S. Bauer	Drought adapted Selaginella species and their historical biogeography	T3.3	Ricardo Sawaya	Past, present and future suitable areas of a typical Atlantic Forest pitviper and climate refugia as priority areas for conservation
14:50	T1.4	Lais Coelho	Assessing population co-expansion for Amazonian forest bird assemblages from regions with contrasting climatic history	T2.4	Pablo M. Lucas	The roles of climate change and land use in recent terrestrial vertebrate range contractions	T3.4	Pedro F. Victoriano	Past climate changes and the phylogeography of an endemic species from the Chilean Hotspot: the wet-meadow crayfish Parastacus pugnax (Parastacidae)
15:05	T1.5	Konstantinos Giampoudakis	Climatic tolerance does not explain Late Pleistocene mammal extinction patterns in the Palaearctic	T2.5	Norbert Kühl	Climate change in coastal Sicily during the last 10,000 years	T3.5	Paulo Cordeiro	On the distribution dynamic of Brazilian restinga's endemic vertebrates, implication of the late Quaternary climatic changes and the relative sea level variation.
15:20	T1.6	Aparna Lajmi	Aridification drives adaptive diversification in Hemidactylus geckos in Peninsular India	T2.6	Stefan Dullinger	The biogeography of geographical parthenogenesis: effects of climatic niches and reproductive modes on Holocene range expansion of an alpine plant	T3.6	Laura Bertola	Comparative Adaptive Genomics in the Atlantic Forest, Brazil
15:35	T1.7	Robert K. Colwell	Simulation models reveal spatial hotspots and temporal peaks of speciation (cradles) and extinction (graves) in Quaternary South America	T2.7	Francesc Mesquita-Joanes	Changes in lake invertebrate communities: anthropogenic habitat modification beats climate change (according to Holocene ostracod records)	T3.7	Oxala Garcia	Comparative phylogeography of modern humans and other organisms
15:50		20-min Break							

Standard talks (15-min)

			Main Auditorium			Room 131			Room 124	
Standard talks (15-min)	16:10	T1.8	Ana Carolina Carnaval	A multidisciplinary framework for biodiversity prediction in the Brazilian Atlantic forest hotspot	T2.8	Sandra Nogué	Vulnerability of island ecosystems over time: are islands at an ecological crossroad?	T3.8	Frederico Mestre	Combining fossil, ecological and genomic data to infer past range shifts: the case of the Cabrera's vole, Iberian Peninsula
	16:25	T1.9	Carina Hoorn	Landscape changes and grassland development in the Amazon drainage basin during Plio-Pleistocene climatic change	T2.9	Sérgio P. Ávila	Glacial-age mega-tsunami deposits prove the tropical-ward geographical range expansion of cold-water marine species in oceanic islands	T3.9	Maria Paúl	Historical climatic stability drives amphibian phylogenetic diversity and phylogenetic endemism in the Iberian Peninsula
	16:40	T1.10	Crystal H. McMichael	Amazonian carbon storage: affected by ancient people?	T2.10	Sietze J Norder	How Quaternary sea level change may influence insular species diversity	T3.10	Paolo Gratton	A GenBank-based comparative phylogeography of African mammals
	16:55	T1.11	Jens Mutke	Past, present and future forests in the tropical Andes – insights from floristic databases and environmental niche modelling	T2.11	João Neiva	Genetic consequences of climatic oscillations on marine forests	T3.11	Andrea Chiocchio	More than 'stability' behind the rising of a hotspot of genetic diversity
	17:10	T1.12	Ana María Martín González	Past and present mechanisms associated with interaction specialization in hummingbird-plant interaction networks	T2.12	Carlos Vila-Viçosa	Bridging Temperate and Mediterranean Regions: insights from marcescent forests in Iberian Peninsula	T3.12	Víctor Noguerales	Incorporating interspecific interactions into phylogeographic models to infer the processes structuring genomic variation in a highly specialist grasshopper
	17:25	T1.13	Jens-Christian Svenning	Long-term history supplements contemporary environment in driving plant functional diversity and vegetation-related ecosystem structure across broad spatial scales	T2.13	Julia H. Heinen	Extinction-driven changes in frugivore communities on oceanic islands	T3.13	Peter Linder	Grass success is because they were effective invaders

			Main Auditorium			Room 131			Room 124	
Speed-talks (5 min)	17:30	1.14	Marius Somveille	Using a process-based model to explain the global seasonal distribution of birds from first principles and predict its past	T2.14	Carrie Andrew	Climatic patterns of European fungal species assemblages	T3.14		
	17:35	1.15	Jan Wild	Forest microclimate - neglected link between plant distribution and climate change	T2.15	Lucie Kuczynski	Spatial mismatch in morphological, ecological and phylogenetic diversity, in historical and contemporary European freshwater fish faunas	T3.15		
	17:40	1.16	Nicolas Dubos	Cold – rather than heat – constrains body size in temperate songbirds, apart from hot anomalies at hot sites	T2.16	Vinicius A. G. Bastazini	The impact of climate warming and habitat isolation on beta-diversity: lessons from experimental mesocosms	T3.16		
	17:45	1.17	Daniel L Perret	Naturalized distributions show that niche size structures climatic disequilibrium in pines (Pinus L.)	T2.17	Carolina Tovar	Globally important plant functional traits for coping with climate change	T3.17		
	17:50	1.18	Lauri Laanisto	Modularity of intraspecific trait variability – contrasting responses of different traits to biotic and abiotic factors in broad-niched herbaceous plant	T2.18	Simon Véron	Consequences of climate change on plant diversity in islands	T3.18		

			Thursday 22/03/2018
			Main auditorium
Pleanery and symposium talks	08:30			Welcome / Housekeeping
	08:50	Plenary 3	José Alexandre Felizola Diniz Filho	Quantitative Genetics, Comparative Analyses and Evolutionary Adaptations to Climate Change
	09:35	S2.1	Chelsea Chisholm	Range dynamics of an invasive plant species along an elevational gradient
	09:55	S2.2	Erin Cameron	Spread of non-native terrestrial invertebrates in mountains
	10:15	S2.3	Jonas J. Lembrechts	The way to the top: disentangling the drivers of plant species range shifts in cold climates
	10:35	S2.4	Lacy D. Chick	Linking physiology to biogeography in the distributions of ant species along gradients
	10:55			20-minute Coffee Break
	11:15	S2.5	Sylvia Haider	Invasion into mountain areas: Climatic pre-adaptation increases plant invasiveness whereas community invasibility is not increased through climate warming – but disturbance
	11:35	S2.6	Lenoir Jonathan	Beware of absence data in invasive species distribution models: do you want to map or model the distribution?
	11:55			20-min Panel discussion / Q&A
	12:15	Plenary 4	Catherine Graham	Species interactions – past, present and future – what we know and what we still need to learn.
	13:00			1-hour Lunch

	Time		Main Auditorium			Room 131			Room 124	
Standard talks (15-min)	14:00	T4.1	Emily C. Hollenbeck Heyne	Predicting cloud forest responses to climate change: Experimental tests of the climatic niche limits of tropical montane species.	T5.1	Raquel A. Garcia	Rethinking climate change vulnerability indices	T6.1	Bertrand Fournier	The spatial frequency of global climatic conditions drives the functional composition of Angiosperm communities
	14:20	T4.2	Huijie Qiao	Ecological niche modeling design and interpretation	T5.2	Nicola Steer	A biologically meaningful time distribution of phenological phenomena	T6.2	Colton Collins	Large-scale diversity and endemism patterns of Neotropical Heliconia (Heliconiaceae)
	14:35	T4.3	Simon Tarr	The spatially-shifting role of fundamental and realized niche limits on species distributions	T5.3	Marie L. Westover	How a climate-sensitive alpine mammal responds to climate change: longitudinal and local studies of diet, body size, and habitat	T6.3	María Ángeles Pérez-Navarro	The role of extreme events on community composition. The case of semiarid shrublands.
	14:50	T4.4	Aline Buri	Refining our understanding of the realized niche: What are the most crucial soil factors for predicting the distribution of alpine plant species?	T5.4	Frainer, A.	Climate-driven changes in functional biogeography and community niche use in Arctic marine fish communities	T6.4	Helge Bruelheide	Global trait-environment relationships of plant communities
	15:05	T4.5	Juan G. Rubalcaba	Predicting energy balances and body temperature of ectotherms across geographical gradients: a null model approach	T5.5	Kimberly S. Sheldon,	The impacts of climate change on range shifts and species turnover in montane communities	T6.5	Jesús Aguirre Gutiérrez	Shift in community level traits across forest types in tropical Ghana
	15:20	T4.6	Rui F. Fernandes	Multiple factors affecting prediction accuracy in stacked species distribution models – a "virtual ecologist" approach	T5.6	Boris R. Krasnov,	The effect of climatic versus host-related factors on flea species composition at local and regional scales in the Palearctic	T6.6	Rafael Molina Venegas	A new method to assess the relative contribution of lineages to phylogenetic structure; exploring multi-strata tropical communities
	15:35	T4.7	Benjamin M Vallejo Jr	Species distribution models and assessing the effects of anthropogenic climate change to agriculture and fisheries in the Philippines	T5.7	Robert Puschendorf,	Pre and post decline infections of two emerging disease of herpetofauna across dry and wet environments in north-west Costa Rica	T6.7	Alice Classen	Temperature constrains specialization in plant-pollinator networks at Mount Kilimanjaro
	15:50		**20-min Break**							

			Main Auditorium			Room 131			Room 124
Standard talks (15-min)	16:10	T4.8	Diederik Strubbe	Mechanistic niche approaches allow to explain, rather than to predict, invasive species range distributions.	T5.8	Vetaas, O. R	Why are not all plants moving to higher locations when temperature increases?	T6.8	Nigel R. Andrew	The independent and combined effects of climate, land cover and land use on the distribution and physiology of ant assemblages.
	16:25	T4.9	César Capinha	Models of alien species richness show moderate predictive accuracy and poor transferability	T5.9	Azenor Bideault	A theoretical perspective on the effect of temperature on trophic regulation	T6.9	Marta Rueda	Upscaling zoogeographical regions to understanding how drivers of vertebrate assemblages change from community to global scale
	16:40	T4.10	Kathryn C. Baer	Biotic interactions constrain population growth across the geographic distribution of Astragalus utahensis and contribute to the northern range limit	T5.10	Peter Morley	Quantifying decadal change in carbon storage potential in high altitude tropical forests.	T6.10	Hanna Tuomisto	Mapping biodiversity patterns and species distributions in Amazonia
	16:55	T4.11	Fernando Pulido	Widespread asymmetry in the performance of high- and low-latitude peripheral populations	T5.11	Sabine B. Rumpf	The higher the slower: Range dynamics of mountain plants decrease with elevation	T6.11	Cátia Lúcio Pereira	High-resolution biodiversity surveys across biogeographic gradients using aquatic eDNA
	17:10	T4.12	Carola Gómez-Rodríguez	Variation among European beetle taxa in patterns of distance decay of similarity suggests a major role of dispersal processes	T5.12	Marcell K. Peters	Biodiversity and ecosystem functioning of a tropical mountain in the Anthropocene	T6.12	Jorge Assis	Bio-ORACLE v2.0: Extending marine data layers for biologically meaningful species distribution models
	17:25	T4.13	Luís Reino	Global trade determines patterns of bird invasions across the world	T5.13	John-Arvid Grytnes	Lags in the response of community composition to climate change on European mountain summits	T6.13	Montiel Americo	Marine zoogeography of the Magellan region: lessons from the polychaetes fauna

			Main Auditorium			Room 131			Room 124	
Speed-talks (5 min)	17:30	T4.14	Luis E. Escobar	A theoretical framework to forecast biological invasions	T5.14	Julia Kemppinen	Water as a resource, stress and disturbance shaping tundra vegetation	T6.14	C. Meneghesso	Have 15 years of climatic changes altered the Iberian Peninsula's intertidal biodiversity?
	17:35	T4.15	Mark R. Welford	Christmas Bird Counts illustrate bird species in NW Ecuador are responding to climate change and deforestation	T5.15	Ohlemüller, R.	Does current climate explain plant disjunctions? A test using the New Zealand alpine flora.	T6.15	Thibaut Fréjaville	Processes explaining differences in tree growth across species ranges: the role of plasticity and genetic adaptation
	17:40	T4.16	Henry Ferguson-Gow	Biodiversity constraints and optimization in economic decision-making for land use planning	T5.16	Lise Comte	Cross-continental assessment of climate change responses of freshwater fish communities	T6.16	Jie Yang	Abiotic and biotic drivers determining community assembly in the Upper Reach of Min River, Southeast China
	17:45	T4.17	Kristina V. Klaus	Trait- and distance-dependent models in historical biogeography	T5.17	Błachowiak-Samołyk K.	Recognising biogeographic patterns in pelagic ostracods distribution and biodiversity along eastern Atlantic	T6.17	Bruno Garcia Luize	The tree species pool of Amazonian wetlands suggests a hydrological role on the assembly of Amazonian tree diversity
	17:50	T4.18	Merja Elo	Aquatic macroinvertebrates show segregated abundances beyond habitat characteristics at large spatial scales	T5.18	Pedro Faísca	Disentangling microbial and macrofaunal decomposition across environmental gradients within the Iberian Peninsula	T6.18	Côte Jessica	Spatial patterns and determinants of trait dispersion in freshwater fish assemblages in Europe

			Friday 23/03/2018
			Main auditorium
Pleanery and symposium talks	08:30		Welcome / Housekeeping
	08:50	Plenary 5	Wilfried Thuiller — Key perspectives in global change ecological research
	09:35	S3.1	Jennifer M. Sunday — The mechanics of range shifts in a warming world
	09:55	S3.2	Anna M Csergo — The geography of plant vulnerability to global environmental changes
	10:15	S3.3	Gurutzeta Guillera-Arroita — Modelling detection and dynamics: towards better statistical predictions of future species distributions
	10:35	S3.4	Phoebe L. Zarnetske — Biotic Interactions in the Future
	10:55		20-minute Coffee Break
	11:15	S3.5	Frederic Guillaume — Eco-evolutionary forecasting of species' responses to climate changes
	11:35	S3.6	Laura J. Pollock — Conserving the legacy of evolution into a warmer future
	11:55		20-min Panel discussion / Q&A
	12:15	Plenary 6	Miguel Araújo — Challenges and opportunities for improving forecasts of biodiversity change
	13:00		1-hour Lunch

	Time		Main Auditorium			Room 131			Room 124	
Standard talks (15-min)	14:00	T7.1	Ignacio Morales-Castilla	Predicting future host-parasite interactions due to climate change-driven range shifts	T8.1	Silvia Carvalho	Genes on the edge: a novel framework to detect genetic diversity imperiled by climate change	T9.1	Heidi Mod	Novel predictions and revived metrics of future changes in alpine biodiversity: including rarely studied taxa
	14:20	T7.2	Pedro Henrique Braga	Predicting how climate driven species range shifts are affected by international borders: is it just another brick in the wall?	T8.2	Irene Cobo	Molecular response of conifers to climate change: Spanish fir (Abies pinsapo Boiss) as a case study.	T9.2	Johannes Wessely	Will alpine plants keep cool under a warming climate?
	14:35	T7.3	Jose Lahoz-Monfort	Evaluating 318 continental-scale species distribution models over a 60-year prediction horizon: what factors influence the reliability of predictions?	T8.3	Orly Razgour	Integrating genomic and biogeographical approaches to model barriers to range shifts under climate change	T9.3	Pekka Niittynen	The future of Arctic biodiversity is dependent on evolution of the snow cover
	14:50	T7.4	Brezo Martínez	Hybrid species distribution modelling to improve forecasts of distributional shifts by tropical corals in a changing climate.	T8.4	Rosa M. Chefa	High risk of functional extinction of Posidonia oceanica and habitat and genetic diversity loss of Cymodocea nodosa under climate change	T9.4	Helena Hespanhol	How vulnerable are mountaintop spore-dispersed plants to climate change in Iberian Peninsula?
	15:05	T7.5	Sara Villén-Pérez	Focusing on the maximum potential abundance of species to forecast the impact of future global warming	T8.5	Taryn Fuentes-	Modelling future Phylogenetic Diversity and species richness of the Mediterranean Chile flora, a global biodiversity hotspot	T9.5	Thomas Edwards	Projected climate changes affect isolation and connectivity among montane forests in the sky islands archipelago of southwestern North America.
	15:20	T7.6	Ramona Maggini	Relative magnitude and pace of change in the distribution of Australia's threatened species under climate change	T8.6	Spyros Theodo	Forecasting range shifts of a cold-adapted species under climate change: Are intraspecific genomic and ecological diversity crucial for future resilience?	T9.6	Carolina Tovar	Evaluating the impacts of climate change on the ecosystem services of the Andean páramo plants of Boyacá (Colombia)
	15:35	T7.7	Shirin Taheri	Improving assessments of species range shifts under climate change	T8.7	David Ackerly	Dispersal limitation will constrain community change more in hot and dry landscape locations: an analysis of California woodlands	T9.7	Joyshree Chanam	Effect of experimental warming and elevational gradient on VOC-mediated plant–insect interactions in alpine meadow ecosystems of the Himalayas
	15:50		**20-min Break**							

			Main Auditorium			Room 131			Room 124
Standard talks (15-min)	16:10	T7.8	Raúl García-Valdés	Species richness and drought will drive contrasting responses to climate change in temperate forest	T8.8	Christian Hof	Combined future impacts of climate and land-use change for global vertebrate biodiversity under low and high warming scenarios	T9.8	Adrián Regos	Ecologically relevant predictors and species traits impact predictive performance and transferability of species distribution models
	16:25	T7.9	David Kienle	Precipitation changes on oceanic islands – new insights to assess diversity and endemism	T8.9	Diogo Alagador	Spatio-temporal dynamics of conservation-concern species in Europe… where climate and people matter	T9.9	Luis Alfredo Osorio Olvera	On the Relationship Between Population Abundance and Niche Structure
	16:40	T7.10	Luíz Esser	Ecological Niche Modelling shows an uneven impact of climate changes across the Atlantic Forest biodiversity hotspot	T8.10	Carl Beierkuhn	Challenges for Networks of Protected Areas in a Rapidly Changing Climate	T9.10	Emily Francis	The role of hydrology in the spatial distribution of redwoods in fog-dominated forests
	16:55	T7.11	Pep Serra Diaz	Tree ranges in a rapidly changing world: speed, novelty and humans	T8.11	Karl Huelber	Habitat-based conservation strategies cannot compensate for climate-change-induced range loss	T9.11	Katarzyna Sroczynska	Inferring food web structure in aquatic ecosystems across biogeographical regions using stable isotopes and community composition
	17:10	T7.12	Alke Voskamp	Global assessment of range changes and species community compositions of the world's terrestrial birds under different scenarios of climate change	T8.12	Niels Raes	An index of multivariate bioclimatic change (IMBC) to guide biodiversity conservation	T9.12	Diego Llusia	The sound of biogeography: Predicting climate change impacts on amphibians using new acoustic monitoring technology
	17:25	T7.13	Frank La Sorte	Seasonal associations with novel climates for North American migratory bird populations	T8.13	Tim Newbold	Future effects of land-use and climate change on global terrestrial vertebrate biodiversity	T9.13	Laurentiu Rozylowicz	Geospatial technologies for remote wildlife monitoring. Case study: mammals and birds of European Union interest from Romania

		Main Auditorium				Room 131			Room 124	
Speed-talks (5 min)	17:30	T7.14	Marcela Brasil de Godinho	How climate refugia of amphibians in the Atlantic Forest hotspot will persist in future scenarios of climate change	T8.14	Andres Baselga	The critical choice of a dissimilarity measure for delimiting biogeographic regions: the case of marine realms	T9.14		
	17:35	T7.15	Naia Morueta-Holme	Reporting climate data: bad habits, best practices, and why it matters	T8.15	Andreu Castillo	Are family-level data sound surrogates for species-level assemblages? A test on a tropical pond metacommunity	T9.15		
	17:40	T7.16	Nao Takashina	A geometric approach to understanding macroecological patterns across scales	T8.16	Daniel Scherre	Ecological indicator values reveal missing predictors of species distributions	T9.16		
	17:45	T7.17	Pierre Denelle	Delineating species pools and quantifying specialization through network theory – application to French meadows.	T8.17	Babak Naimi	Current state of biodiversity: Remotely-sensed measure of biodiversity resilience	T9.17		
	17:50	T7.18	Michael Borregaard	SpatialEcology.jl – macroecological analyses in Julia	T8.18	Sidney F Gouv	High-credibility pseudo-absences for species distribution models	T9.18		