



9th Biennial Conference
MALAGA, SPAIN



INTERNATIONAL
BIOGEOGRAPHY
SOCIETY



POCKET PROGRAM
January 8-12, 2019



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SOCIETY

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SCHEDULE OVERVIEW

	Tuesday	Wednesday	Thursday	Friday	Saturday
	08-01-2019	09-01-2019	10-01-2019	11-01-2019	12-01-2019
8:30	WORKSHOPS	OPENING Wallace Award, Symposium 1	MacArthur & Wilson Award, Symposium 2	Dissertation Award, Symposium 3	F I E L D T R I P S
10:10	C O F F E E B R E A K				
10:55	WORKSHOPS	Symposium 1	Symposium 2	Symposium 3	
12:40	LUNCH BREAK	LUNCH & DISCUSS	LUNCH BREAK	LUNCH BREAK	
14:00	WORKSHOPS	15 minute oral presentations (4 parallel sessions)	15 minute oral presentations (4 parallel sessions)	15 minute oral presentations (4 parallel sessions)	
16:00	C O F F E E B R E A K				
16:30	WORKSHOPS	5 minute oral presentations (4 parallel sessions)	5 minute oral presentations (4 parallel sessions)	Business Meeting, Closing and Awards Ceremony	
18:00	Registration, Welcome reception, Publishing panel discussion (16:30 - 20:00)	Poster Session A	Poster Session B		
20:30			BANQUET		

SYMPOSIUM #1 - Auditorio 2

Geography & Genes: insights
and advances for biogeography

8:30	Welcome
8:45	WALLACE AWARD , Rosemary Gillespie Origins of diversity on islands: The nexus of ecology and evolution in community assembly
9:10	INTRODUCTION - SYMPOSIUM #1
9:15	Lacey Knowles Species Divergence Shaped by the Intersects of Ecology and Climatic Change
9:35	Alfried Vogler Metagenetics for Community Biogeography
9:55	Paula Arribas Whole-community assembly from metabarcoding data reveals the structure of the soil mesofauna at multiple genetic levels and spatial scales
10:10	BREAK
10:50	Isaac Overcast An integrated model of population genetics and community ecology
11:10	Josselin Cornuault Comparative phylogeography: the origin of variation in dispersal patterns
11:30	Jairo Patiño Next generation island biogeography: applying genomics to understand speciation
11:50	Rosalía Piñeiro Tropical Tree Genomics: the African rainforest during the Ice Ages
12:05	Henrik Krehenwinkel How Communities Evolve: A high throughout metabarcoding analysis to infer biodiversity dynamics of arthropods across the Hawaiian Island chronosequence
12:20	PANEL / CONCLUDING REMARKS
12:40	LUNCH & MENTOR DISCUSSION GROUPS



WEDNESDAY 09.01.2019

15 MIN TALKS	Concurrent Session 1 - CR1.1 Gradients, range-limits, and beta-diversity	
14:00	Arora	Biogeographic patterns for breeding passerines in the Himalayas
14:15	Hakkinen	Why and when do introduced species colonise available climate?
14:30	Ficetola	Determinants of zoogeographical boundaries differ across vertebrate clades
14:45	McDonald-Spicer	Stability predicts diversity, but what kind of stability?
15:00	Donelle	The frequency of environmental conditions mediates the coexistence of generalist and specialist species - a theoretical model and test on terrestrial vertebrates
15:15	Brun	Revisiting plant biodiversity-productivity relationships using a multifaceted approach
15:30	Smiley	WERE MOUNTAIN PASSES HIGHER DURING THE MIDDLE MIOCENE?
15:45	Tuomisto	Predicting species turnover from space - does it work in Amazonia?
16:00		BREAK

15 MIN TALKS	Concurrent Session 2 - CR1.2 Paleoecology and Paleobiogeography	
14:00	Faurby	Brain expansion in early hominins explains carnivore extinctions in East Africa
14:15	Ledent	Welcome to migrants in a borderless Europe: bryophytes show the way to go
14:30	Onstein	The botanical consequences of the dinosaur extinctions
14:45	de Gorospe Ballesteros	Out of the Mediterranean: worldwide biogeography of snapdragons and relatives (tribe Antirrhineae, Plantaginaceae)
15:00	Allen	Modeling potential Pleistocene dispersal corridors between Afrotropical forest regions
15:15	De Novaes Nascimento	Winners and losers in ancient Ecuador with the introduction of cultivation
15:30	Nogues Bravo	Homo Sapiens migrations and the peopling of the Americas
15:45	Villavicencio	Regional patterns of Pleistocene extinctions in South America: interacting impacts of climate, humans, taxonomy, and biogeography
16:00		BREAK

WEDNESDAY 09.01.2019



WEDNESDAY 09.01.2019

15 MIN TALKS	Concurrent Session 3 - CR2.1 Biodiversity Patterns and Maintenance	
14:00	Storch	Is there a large-scale carrying capacity for species richness? Species-based equilibrium theory of regional diversity dynamics
14:15	Marjakangas	Co-occurrence patterns in a mega-diverse tropical tree community
14:30	Cardillo	Ecological drivers of variation in global language diversity
14:45	Rueda	The signal from our past: historical human land use as a predictor of mammalian bioregions
15:00	Antonelli	Mountains: the biogeographer's Petri dish
15:15	Braga	Historical contingencies, scale-dependence and contemporary- and past-environmental variation determine the phylogenetic structure of bat assemblages across the globe
15:30	Keil	Species-by-species associations: On their measures, spatial scale, links to macroecological patterns, and our ability to detect them
15:45	Pollock	Species interactions shape vertebrate diversity across Europe
16:00	BREAK	

15 MIN TALKS	Concurrent Session 4 - CR2.2 Conservation and Invasion Biogeography	
14:00	Bernardo-Madrid	Measuring the robustness of bioregions against changes in species composition
14:15	He	The loss of megafauna: implication for freshwater biodiversity conservation
14:30	Toivanen	Inclusion of geodiversity indices improves models of aquatic plant richness in boreal lakes and rivers
14:45	Warren	Evaluating Niche Models with Presence-Only Data is Uninformative for Many Applications
15:00	Bellard	A global picture of biological invasion threat on islands
15:15	Svenning	A biogeographic perspective on trophic rewilding
15:30	Martín-Taboada	Global distribution of Lyme disease: reservoirs and vectors' favourability
15:45	Scheiner	Maximizing the conservation of biodiversity in the design of a regional reserve network
16:00	BREAK	



WEDNESDAY 09.01.2019

5 MIN TALKS	Concurrent Session 5 - CR1.1 Global Change Biology	
16:31	Lembrechts	SoilTemp: towards a global database of soil temperature
16:37	García Criado	Woody plant encroachment intensifies under climate change in biomes at the extremes
16:43	García	The physiological responses behind <i>F. serratus</i> biogeographic distribution: phenotypic differentiation and niche underfilling.
16:49	Joerger-Hickfang	The consequences of the European motorway network on mammals populations
16:55	Kiedrzyński	Extinction can be also a creation phase: the conceptual framework of perburgia and the 'trailing-edge' relicts
17:01	Pérez-Navarro	Extreme climatic events reduce climatic disequilibrium on semiarid shrubland communities, but lithology matters.
GLOBAL CHANGE BIOLOGY		
17:08	Phelps	African vegetation change since the last glacial maximum: climate versus pastoralism
17:14	Broennimann	Native climatic niche explains establishment success in exotic mammals
17:20	Seaborn	Individual-Based Models Predict Loss Of Range And Genetic Diversity In Cold-Adapted Amphibians With Climate Change Due To Dispersal Constraints
17:26	Razgour	The importance of considering adaptive genetic variation in climate change projections
17:32	Frejaville	Climate adaptation lag across the range of European forest trees
17:38	Morley	Quantifying decadal change in carbon storage potential in high altitude tropical forests.
17:44	Williams	Local climatic changes influence biodiversity responses to land-use change.
17:50	Yasuhara	Deep-sea biotic response to oxygen variability and Pleistocene global changes: paleoecological and macroevolutionary dynamics in a marginal sea
17:56	Di Cecco	Interaction of land use and climate change impacts on breeding birds in North America
18:00	POSTER SESSION A - Restaurante Principal	

5 MIN TALKS	Concurrent Session 6 - CR1.2 Gradients, range-limits, and diversity	
	16:31	Zizka Big data suggest migration and bioregion connectivity as crucial for Neotropical biodiversity
	16:37	Granot A meta-analysis of niche breadth – species richness associations
	16:43	Bodawatta Avian blood parasite prevalence is governed by bird community assemblies and colonization histories
	16:49	Huang Analysis of community phylogeny along elevation gradient in subtropical island Taiwan supports “Out of Tropical Lowland” hypothesis
	16:55	Molina Venegas Early-branched fern lineages are confined to northern latitudes in Europe; insights from a phylo-regionalization analysis
	17:01	Novella Fernandez New approaches to assess the role of competition in shaping species ranges
	GRADIENTS, RANGE-LIMITS, and DIVERSITY	
17:08	Nigel Andrew The future keepers: assessing the effects of thermal stress and resource limitation on ants	
17:14	Ballesteros-Mejia Saturniid and sphingid moths as novel models for the study of insect diversity and macroecology	
17:20	de Jonge Conditional love? Investigating interactions shifts along continental-scale water availability gradients	
17:26	Saladin Topographical barriers and LGM refugia affect phylogenetic turnover in European vascular plants	
17:32	Irl How environment modulates primary succession dynamics	
17:38	Snell Taylor What are the determinants of temporal occupancy for birds in North America?	
17:44	Muellner-Riehl Battling the global antimicrobial crisis: Phylogenetic and spatial distribution of anti-infective metabolites in the flora of Java	
17:50	Kerr Biogeography, not temperature, controls species richness in Australia	
17:56	Fujinuma Compiling plant diversity data in Southeast Asia: a symbiotic partnership between research projects and local herbaria	
18:00	POSTER SESSION A - Restaurante Principal	



WEDNESDAY 09.01.2019

5 MIN TALKS	Concurrent Session 7 - CR2.1 Functional Biogeography	
16:31	Martínez Padilla	Linking biogeography and evolution: environmental variation and evolutionary dynamics of phenotypes in wild bird populations
16:37	Midolo	Global patterns of intraspecific leaf traits responses to elevation
16:43	Sayol	Big brains for big cities: Relative brain size and tolerance to urban environments in birds
16:49	Descombes	Trophic conservatism predicts alpine plants responses to herbivore ecosystem incursion
16:55	Fristoe	Alternative strategies drive strong brain size bimodality in variable habitats
17:01	Leo	Are organisms with dispersal traits better colonizers within oceanic archipelagoes?
ISLAND BIOGEOGRAPHY		
17:08	Economo	A phylogenomic and population genomic test of the taxon cycle hypothesis of island biogeography
17:14	Andújar	Intraisland assembly of soil biodiversity: habitat filtering and microendemism across space and habitats
17:20	Biddick	The island syndrome in plants
17:26	Burns	Time to abandon the loss of dispersal ability hypothesis in island plants?
17:32	Higgins	Revealing controls on distribution and microhabitat use of Anolis lizards in a changing island landscape using airborne remote sensing
17:38	Papadopoulou	A population genomics approach to island biogeography: shedding light on the colonisation of Santorini following the Minoan eruption.
17:44	Villa Machío	Elucidating speciation mode between Canary-Mediterranean sister species by combining ancestral niche overlap and Genotyping-By-Sequencing
17:50	Barluenga	Host-parasite interactions and their role in speciation in crate lake cichlid fish
17:56	Salva-Catarineu	Can plant traits surveys complement phytdiversity studies? a comparative study on dry juniper woodlands in Doñana National Park and El Hierro Biosphere Reserve Island.
18:00	POSTER SESSION A - Restaurante Principal	

5 MIN TALKS	Concurrent Session 8 - CR2.2 Neotropical Biogeography		
	16:31	Eaton Isolation and Introgression in a Replicate Radiation of Neotropical <i>Viburnum</i>	
	16:37	Åkesson Patchy pre-Columbian human impacts in western Amazonia	
	16:43	Contreras-Díaz Margay (<i>Leopardus wiedii</i>) occupancy in relation with habitat suitability	
	16:49	De Carvalho Leaf morphometric variation and biogeographic inferences of a Neotropical species	
	16:55	Angel Gálvez Analogous responses of tropical and temperate pond metacommunities to environmental, spatial and temporal factors	
	17:01	Aragonés Progressive habitat degradation caused by the urban sprawl documented through remote sensing monitoring in central Veracruz, México	
	MODELS and DRIVERS of BIOGEOGRAPHIC PATTERNS		
	17:08	Roderick Statistical approach reveals additional impact of invasive species on Moorea, French Polynesia, at both high and low elevations	
	17:14	Mod Predictive biogeography of soil bacteria in mountain environment	
17:20	Strubbe Mechanistic niche approaches allows to explain, rather than to predict, invasive species range distributions		
17:26	Meynard Testing methods in species distribution modelling using virtual species: what have we learnt and what are we missing?		
17:32	Tjørve Hidden assumptions of spatial theories and models in biogeography and ecology		
17:38	Baselga Is the distance-decay of similarity isotropic?		
17:44	Rubalcaba Towards a mechanistic understanding of latitudinal body size gradients in terrestrial ectotherms		
17:50	Monnet A multifaceted approach of tree diversity to fill a knowledge gap in the Mediterranean basin		
17:56	Hernández Combining physiological threshold knowledge and species distribution models in predicting the future distribution of intertidal macroalgae along a latitudinal climatic gradient		
18:00	POSTER SESSION A - Restaurante Principal		



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THURSDAY 10.01.2019

SYMPOSIUM #2 - Auditorio 2

Do we need to reclassify the tropical and sub-tropical biomes and if so, into what?

8:30	MACARTHUR & WILSON AWARD , Ceridwen Fraser The race for new space: how dispersal and disturbance influence biogeographic patterns
8:55	INTRODUCTION - SYMPOSIUM #2
9:00	Richard Field Phylogenetic classification of the world's tropical forests
9:20	Wolf Eiserhardt & Bill Baker Tropical forest biomes and biogeography: views from a model clade
9:40	Carsten Rahbek/Ben Holt Whole-community assembly from metabarcoding data reveals the structure of the soil mesofauna at multiple genetic levels and spatial scales
10:00	Jennifer McElwain A deep-time perspective on the tropical and subtropical biomes
10:20	BREAK
11:00	Caroline Lehmann Integrating ecology and evolution to delimit savanna
11:20	Gabriela Zuquim Beyond climate control: The importance of soils in predicting the future of plant habitat suitability in a tropical forest
11:35	Jayashree Ratnam Rethinking tropical Asia's woody biomes: History, climate and woody plant traits distinguish savannas from forests
11:55	Erle Ellis Anthrobiogeography: Mapping Biomes in an Anthropogenic Biosphere
12:15	PANEL / CONCLUDING REMARKS
12:35	LUNCH



THURSDAY 10.01.2019

15 MIN TALKS		Concurrent Session 9 - CR1.1 Global Change Biogeography
14:00	Chevalier	Likelihood of future regime shift in the temperature regime: implications for biodiversity at the global scale
14:15	Kissling	What can Essential Biodiversity Variables offer to biogeography?
14:30	Lyons	The changing importance of functional traits in mammalian co-occurrence across the Pleistocene-Holocene transition
14:45	Naimi	Spatiotemporal changes in the intensity of global land cover fragmentation
15:00	Engelhardt	Biotic interactions may buffer climate change effects on species distributions
15:15	Zurell	Long-distance migratory birds face multiple independent risks from global change
15:30	Carrete Vega	A quantitative assessment of climate and human-mediated invasion threat across Antarctica's biogeographic regions
15:45	Meyer	Better capturing global land-use dynamics as central system drivers for Biogeography, Macroecology, and Global Change Biology
16:00		BREAK

15 MIN TALKS	Concurrent Session 10 - CR1.2 Historical and Paleo-biogeography	
14:00	Matos-Maravi	Trait-dependent biogeography: model-based inference of dispersal and distribution patterns of Indo-Pacific trap-jaw ants (Hymenoptera: Formicidae: Odontomachus)
14:15	Tóth	End-Pleistocene mass extinction caused a fundamental shift in survivor mammal community structure
14:30	Barratt	Evaluating competing diversification processes in biodiversity hotspots
14:45	Skeels	Contrasting roles of competition and the environment in the ecological diversification of a large Australian plant radiation
15:00	Jiménez	Patterns and processes leading to a geographically structured assemblage of montane birds in Nuclear Central America
15:15	Wang	Climate drives dynamic shifts in vegetation communities over the past 20,000 years in North America
15:30	Mitchell	Current, past and future potential and realised biogeographical distribution of an iconic terrestrial protist for microbial biogeography, Apodera vas s.l. (Amoebozoa; Arcellinida), inferred from bioclimatic niche-based distribution modelling
15:45	Pineda-Munoz	Changes in North American mammal niche preferences from the late Pleistocene to the present
16:00	BREAK	

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THURSDAY 10.01.2019

15 MIN TALKS	Concurrent Session 11 - CR2.1 Biodiversity Patterns and Maintenance	
14:00	Colwell	The first comprehensive study of insect body size for a complete elevational gradient in the tropics reveals a striking pattern
14:15	Fritz	Are mountain uplift and temporal diversity dynamics really linked? An interdisciplinary case study of mammals in Turkey
14:30	Price	Local abundance, range size, and phylogeny in Hawaiian woody angiosperms
14:45	Agavekar	Regional and local determinants of island community assembly
15:00	Romero Pacheco	The biogeographic context of Dengue in the range of Aedes vectors in South America from fuzzy logic tools
15:15	McMichael	Ecological legacies of the Amazonian rubber boom
15:30	Nunes	Niche Consistency: Assessing confidence when estimating a species' ecological niche from occurrence data.
15:45	Mairal	Colonization and diversification of wind-dispersed Festuca grasses in Afroalpine sky-islands.
16:00		BREAK

15 MIN TALKS	Concurrent Session 12 - CR2.2 Functional Biogeography	
14:00	Jarzyna	Global elevational gradients in functional diversity and trait space of birds
14:15	Ordonez	Greater tree species richness in eastern North America compared to Europe is coupled to denser, more clustered functional trait space filling, not to trait space expansion
14:30	Gouveia	Challenges to link physiological processes into macroecological patterns
14:45	Leclerc	Global changes threaten functional and taxonomic diversity on islands
15:00	Niittynen	Land surface phenology drives species distributions across spatial scales
15:15	Boonman	Can we reliably predict plant traits globally? Improving data selection criteria and assessing model predictive uncertainty.
15:30	Hanz	From coast to coast – How environment drives functional diversity in an insular system
15:45	Raes	The future of biogeography with DiSSCo
16:00	BREAK	

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5 MIN TALKS	Concurrent Session 13 - CR1.1 Biodiversity Patterns and Maintenance	
16:30	Bacon	The road to evolutionary success: insights from an Amazonian palm
16:36	Szava-Kovats	Reconciling large-scale landscape patterns and species occurrence of vascular plants in Europe
16:42	Gamisch	Time-dependent diversification under high species turnover shapes species richness disparities among tropical rainforest lineages of <i>Bulbophyllum</i> (Orchidaceae) on a global scale
16:48	Kennedy	Niche evolution in the adaptive radiation of Hawaiian Tetragnatha spiders
16:54	Martinez	Niche conservatism goes back to ancient multicellular algae
17:00	Leidinger	How environmental spatial gradients and temporal variation interact with genetic and ecological traits to shape community composition
17:06	Machac	Ecology of diversification in mammals changes with phylogenetic scale
17:12	Matthews	Systematic variation in North American tree species abundance distributions along macroecological climatic gradients
17:18	Bohdalkova	Universality in biodiversity patterns: causes of the variation of species-temperature and species-productivity relationships
17:24	Barner	The global biodiversity and climate sensitivity of seaweeds and marine plants
17:30	Bailey	Models of upland species' distributions are improved by accounting for geodiversity
17:36	Chefaoui	Predicting climate-driven intraspecific lineage shifts in marine forests
17:42	Buira	Influence of social-historical events and macroecological variables on the endemic plant description in the Iberian Peninsula
17:48	Kajanus	Is titmice abundance an indicator of forest bird abundance and diversity over large spatial scales?
17:54	Joshi	Exploring diversification drivers of scolopendrid centipedes of the peninsular Indian Plate (PIP) from tropical Asia
18:00	POSTER SESSION B - Restaurante Principal	
20:00	BANQUET - Museo Automovilístico de Málaga	

5 MIN TALKS	Concurrent Session 14 - CR1.2 Biogeography of the Anthropocene	
16:30	Pedersen	Mammals may not be hugely important for the carbon cycle, but they used to be
16:36	Kiedrzyńska	Biogeographical, multi-dimensional approach to analysis of relation between land use and surface water contamination: case study from the Baltic Sea basin to the Pilica River catchment
16:42	Rut Sánchez de Dios	<i>Fagus sylvatica</i> L. Mediterranean peripheral population in Iberian Peninsula: climatic or anthropic relicts?
16:48	Taheri	Teasing apart random, climate and land use change effects on species range dynamics
16:54	Shen	Geographical patterns of forest fires in China: scale-dependency and determinants with thresholds
17:00	Jarvie	Global rewilding potential
17:06	Potter	Insect and disease threats to United States tree species and geographic patterns of their potential forest impacts
17:12	Algar	Predicting the global niche dynamics of human disease-vectors in non-analogue environments
17:18	Aliaga Samanez	Worldwide biogeography of zoonotic and anthroponotic yellow fever
17:24	Cardador Bergua	Human-habitat associations in the native distributions of alien bird species
17:30	Chamorro	Facing warmer winters: 'Will I find a favorable place?'
17:36	Fehr	Non-native palms as engineers of novel ecosystems in the Anthropocene: a global review
17:42	Hof	It's the integration, stupid! Understanding and predicting global change impacts on biodiversity by combining data and approaches from different disciplines
17:48	Schiebelhut	Extreme events and their influence on the contemporary distribution of genetic variation
17:54	Lucas	Direct and indirect impacts of climate change and land use change over biodiversity: a case of study with the brown bear in Europe
18:00	POSTER SESSION B - Restaurante Principal	
20:00	BANQUET - Museo Automovilístico de Málaga	



THURSDAY 10.01.2019

5 MIN TALKS	Concurrent Session 15 - CR2.1 Conservation Biogeography	
16:30	Robin	Drastic landscape change on Shola Sky Islands indicates rapid fragmentation and isolation of montane grassland habitats and its birds, more than forests
16:36	Yanping Wang	A global synthesis of the small-island effect in habitat islands
16:42	Souviron-Priego	Using favourability for detecting potential country participation in the international illegal wildlife trade through socio-economic approach
16:48	Schön	Is the invasive potential of <i>Cortaderia jubata</i> (Poaceae) dependent on native range environmental conditions?
16:54	Courchamp	Identifying the next invaders and the next invasions
17:00	Kusumoto	Environmental and socio-economic drivers of insufficiency and uncertainty in biodiversity estimates: a comparison of wood plant diversity among biogeographical regions
17:06	Oliver Baines	Geodiversity and climate: buffering plant communities against rapid climatic change
17:12	Diagne	Global economic costs of invasive alien species
17:18	Garcia-Lozano	Dune-restricted plants on the Catalan developed shores (NW Mediterranean) as an ecological indicator of beach-dune system status
17:24	Malumbres-Olarte	Mediterraneity determines structure and endemicity of spider communities in Iberian oak forests
17:30	Muñoz Gallego	Predicting the spread of the Rose-ringed Parakeet in Spain using 15-year-old Data
17:36	Lenzner	Remoteness promotes the biological invasions on islands worldwide
17:42	Mäkinen	Modeling distributions of Arctic mammals for effective conservation
17:48	Villén-Pérez	Intersecting macroecological and landscape scales to assess species vulnerability to human disturbance
17:54	Groner	Impacts of agricultural land cover and land use change on biodiversity in southern Africa and implications for food systems and human health
18:00	POSTER SESSION B - Restaurante Principal	
20:00	BANQUET - Museo Automovilístico de Málaga	

5 MIN TALKS	Concurrent Session 16 - CR2.2 Historical, Phylo- and Paleo-biogeography	
16:30	Sessa	Historical biogeography of the fern family Blechnaceae
16:36	Sholihah	Historical biogeography of Southeast Asia aquatic biotas
16:42		TBD
16:48	Bush	Missing microrefugia and the last interglacial oaks of central Panama
16:54	Freymueller	Distributional changes of the felid guild following the Pleistocene megafaunal extinction
17:00	Sabatelli	Drainage rearrangements in central Yunnan and its impact on freshwater crab phylogeny
17:06	Ramirez Herranz	The colonization of novel habitats promotes niche evolution in Neotropical parrots
17:12	Monckton	Combining integrative systematics and comparative phylogeography to better understand patterns of nearctic sawfly diversity
17:18	Atkins	Biogeography and systematics of <i>Cyrtandra</i> : a mega diverse genus in the Malesian hotspot.
17:24	Crespo	The Atlantic connection: an unexpected finding in the radiation of the genus <i>Dysdera</i> (Araneae, Dysderidae) in the Madeira archipelago
17:30	Hoorn	Deep time perspective on the evolution of the Amazon River with implications for the biogeography of aquatic biota
17:36	Benitez-Benitez	Twenty thousand leagues of disjunctions: biogeographic patterns of the <i>Schoenoxiphium</i> clade (<i>Carex</i> , Cyperaceae)
17:42	Briega-Álvarez	Recovering the evolutionary footprint through bioregionalization analyses: in search for the best methods.
17:48	Liu	Multi-lines of evidence deny fast post-glacial northward forest migration in China
17:54	Vetaas	Are the pattern predicted by Tropical Conservatism hypothesis disrupted in the Himalayas due to plate tectonics?
18:00	POSTER SESSION B - Restaurante Principal	
20:00	BANQUET - Museo Automovilístico de Málaga	



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FRIDAY 11.01.2019

SYMPOSIUM #3 - Auditorio 2

Towards a more applied biogeography: combining process-based and niche approaches to address practical questions

8:30	DISSERTATION AWARD, Johannes Wessely How to resist the heat? Modelling plant population dynamics under a warming climate
8:55	INTRODUCTION - SYMPOSIUM #3
9:00	Jesús Olivero A pathogeographical approach to the Ebola-virus disease
9:20	Harald Bugmann Using forest succession models to predict species ranges and range changes: potentials and limitations
9:40	Emily Meineke Spatio-temporal links between phenology and herbivory of blueberries across the eastern US
10:00	Maaïke Bader Understanding global variation in treeline spatial patterns: a community database and spatial process model
10:15	BREAK
10:55	Florian Hartig Connecting mechanistic macroecological models with global biodiversity data – state-of-the-art and perspectives
11:15	Raúl García-Valdés Combining niche and process-based models to project climate change impacts on forest functioning
11:35	Isabelle Chuine Do advantages of process-based species distribution models offset their weaknesses?
11:55	Ignacio Morales-Castilla Applied biogeography under global change: lessons from process-based applications in agronomy and forestry
12:15	PANEL / CONCLUDING REMARKS
12:35	LUNCH



FRIDAY 11.01.2019

15 MIN TALKS	Concurrent Session 17 - CR1.1 Island Biogeography	
14:00	Benítez López	Assessing the generality of the island rule across vertebrate taxa using meta-analytical techniques
14:15	Whittaker	Developing and testing a general model of island species–area relationships
14:30	Van der Geer	On being the right size – Body size patterns of introduced mammals on islands
14:45	König	Disharmony of the world's island floras
15:00	Heinen	Extinction-driven changes in frugivore communities on oceanic islands
15:15	Valente	What if MacArthur & Wilson had used dated phylogenies?
15:30	Gooriah	Disentangling the mechanisms underlying the Island Species–Area Relationship (ISAR) of four taxa in the Andaman and Nicobar archipelagoes.
15:45	Karger	Why treelines are lower on islands – climatic and biogeographical effects hold the answer
16:00		BREAK
16:30	BUSINESS MEETING CLOSING TALK/POSTER AWARDS	

15 MIN TALKS	Concurrent Session 18 - CR1.2 Phylogeography	
14:00	Quintero	Interdependent phenotypic and biogeographic evolution driven by biotic interactions
14:15	Gómez-Rodríguez	Species delimitation is key to assess phylogeographic patterns of terrestrial slugs and unveil the major role of interspecific differential dispersal abilities
14:30	Rosauer	A phylogeographic process model to investigate landscape scale drivers of diversity
14:45	Gupta	Biogeography of haemosporidian parasites infecting diverse bird communities inhabiting the Shola sky islands of the Western Ghats, India
15:00	Saeedi	Latitudinal and bathymetrical species richness patterns in the NW Pacific and adjacent Arctic Ocean
15:15	Sil	Effects of geology, and climate on the biogeography, and phylogeography of freshwater snail family Viviparidae in the Indian subcontinent
15:30	Kuczynski	Comparative phylogeography and community turnover for North American amphibians reveal spatial congruency of divergence through time
15:45	Ortego	Incorporating interspecific interactions into phylogeographic models: A case study with Californian oaks
16:00	BREAK	
16:30	BUSINESS MEETING CLOSING TALK/POSTER AWARDS	

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15 MIN TALKS	Concurrent Session 19 - CR2.1 Biodiversity Patterns and Maintenance	
14:00	McGill	The variation in population dynamics across a species range is mostly about variability
14:15	Pereira	Relative importance of water-energy conditions on the geographical patterns of terrestrial vertebrate richness
14:30	Linder	From evolution to local ecology - A holistic explanation of regional variation in α -diversity, using the Cape flora Restionaceae
14:45	Medina	Unveiling the effect of growth rate and niche differences for species co-occurrence across and within habitats
15:00	Kubota	Global-scale analysis of woody plant fossil records: a test of regional extinction and range dynamics of angiosperm woody genera through the Cenozoic
15:15	Lessard	Phylogenetic diversity of the species pool drives species sorting in insular mammal assemblages worldwide
15:30	Title	Dispersal and the latitudinal diversity gradient in marine fishes
15:45	Rapacciuolo	Are there universal biodiversity rules? Insights from a marine natural experimental system
16:00		BREAK
16:30	BUSINESS MEETING CLOSING TALK/POSTER AWARDS	

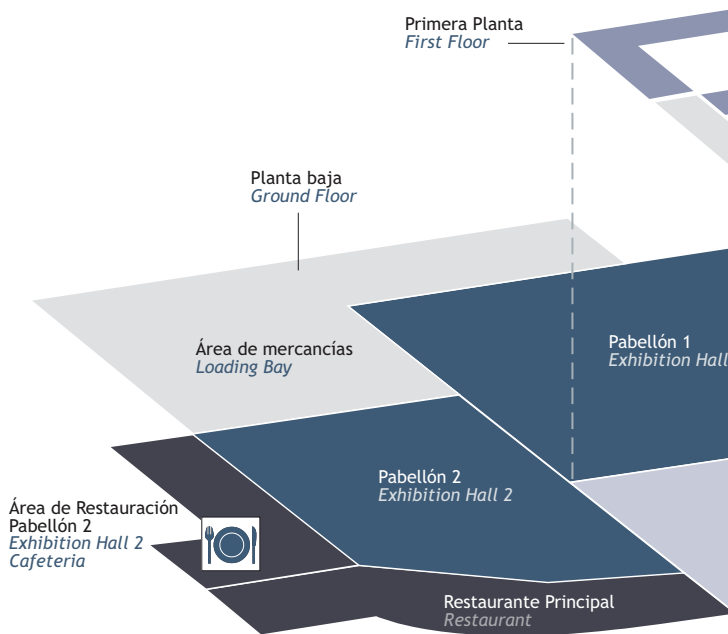
15 MIN TALKS	Concurrent Session 20 - CR2.2 Climate Change Biogeography	
14:00	Voskamp	Impacts of climate change on the community compositions and diversity of the world's terrestrial birds under different warming scenarios
14:15	Hoffmann	Climate change inside terrestrial protected areas worldwide
14:30	Smith	Did climate change in the past lead to increased extinction risk of mammals?
14:45	Fitzpatrick	Contemporary climatic analogs for 540 North American urban areas in the late 21st century
15:00	Kemppinen	Shrubs constructing tundra soils
15:15	Dullinger	Interactive effects of climate warming and invasive pests on European forest carbon storage
15:30	Huang	The relationship between extinction and climate change in space and time
15:45	Steinbauer	Climate warming accelerates the increase in plant species richness on mountain summits
16:00		BREAK
16:30	BUSINESS MEETING CLOSING TALK/POSTER AWARDS	

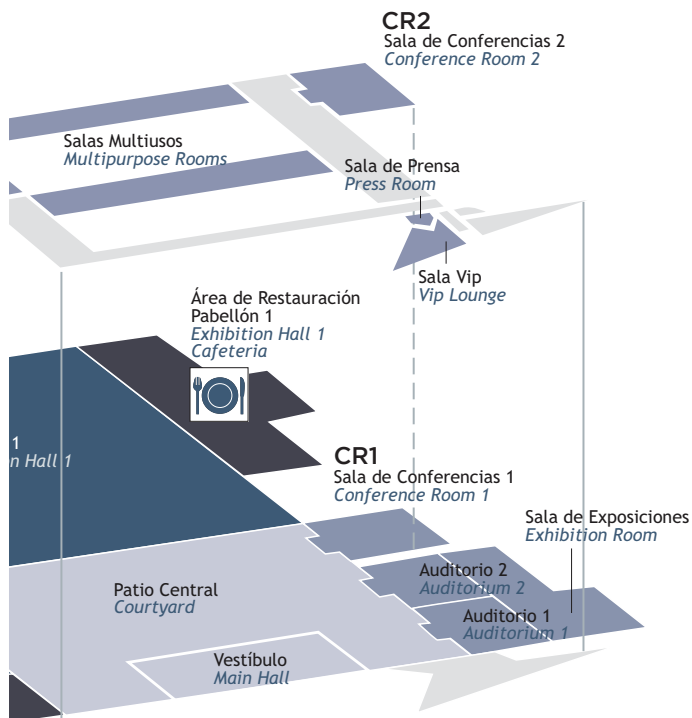
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