

SCIENTIFIC PROGRAM
CENTRO SOCIAL CÍVICO Y CULTURAL RIVIERA DE ENSENADA

SUNDAY, 18 APRIL

16:00-19:00

REGISTRATION COMMENCES (LOBBY)

19:00-22:00

WELCOME RECEPTION (PATIO BUGAMBILIAS)

MONDAY, 19 APRIL

08:00	REGISTRATION (LOBBY)	
09:00-09:45	OPENING CEREMONY (SALON ROJO)	
10:00-10:50	<p style="text-align: center;">Plenary Speaker Exequiel Ezcurra Department of Botany and Plant Sciences, and Director for the Institute for Mexico and the United States, University of California Riverside (USA - Mexico) <i>Desert and sea: the influence of oceanic anomalies on vegetation dynamics and ecological processes along the Mexican Pacific drylands</i></p>	
11:00-11:20	COFFEE BREAK	
	<p style="text-align: center;">Salón Rojo Moderator: Charlotte González</p>	<p style="text-align: center;">Salón Casino Moderator: Jon P. Rebman</p>
11:20-11:40	<p>Wilder, B.T., R. S. Felger, and E. Ezcurra. <i>Dwarf giants, guano, and isolation: vegetation and floristic diversity of Isla San Pedro Mártir, Gulf of California, México.</i></p>	<p>Pinto-Cruz, C., J. A. Molina, M. D. Espirito-Santo, and M. G. Barbour. <i>Functional types of Mediterranean temporary ponds – towards an universal classification.</i></p>
11:40-12:00	<p>Shorohova, E., and I. Vanha-Majamaa. <i>Biodiversity and ecosystem resilience of boreal Norway spruce forests - a gradient from pristine Russian to intensively managed Finnish forests.</i></p>	<p>O'Brien, B. C., J. Delgadillo, S. Junak, T.A. Oberbauer, J.P. Rebman, H. Riemann, and S. Vanderplank. <i>Creating an inventory of rare, endangered, endemic and near endemic vascular plants of the California Floristic Province, portion of Northwestern Baja California, Mexico.</i></p>

12:00-12:20	Alcaraz, F. , and J. Delgadillo. <i>Plant communities in Valle de los Cirios (Baja California, México): tips for phytosociology in cases of vegetation continuum.</i>	Schaminée, J. H. J. , N.A.C. Smits, S.M. Hennekens, J.A.M. Janssen, B. Koelle, R. Malgas, and N. Oettle. <i>SynBioSys Fynbos - applying eco-informatics in vegetation and landscape management</i>
12:20-12:40	Bullock, S. H. , and R. M. Turner. <i>Population and community fluxes shown by repeat photography in the Sonoran Desert.</i>	Wellstein, C. , C. Beierkuhnlein, J. Kreyling, F. Niemitz, and A. Jentsch. <i>Effects of climate change on ecosystem functions".</i>
12:40-13:00	COFFEE BREAK	
13:00-13:20	Wong, N. K. , J. W. Morgan, and J. Dorrough. <i>A conceptual model of plant community changes following cessation of cultivation in semi-arid grassland.</i>	Figuroa-Rangel, B.L. , M. Olvera-Vargas, and J. M. Vázquez-López. <i>Long-term forest dynamics in response to climate change and human activity over the last millennium in west-central Mexico.</i>
13:20-13:40	Safronova, I. <i>On heterogeneity of plant cover in Eastern Europe steppes.</i>	Carlyle, C.N. , L.H. Fraser, and R. Turkington. <i>Interacting effects of climate change and disturbance on grassland plant communities along a natural productivity gradient.</i>
14:00-15:30	LUNCH BREAK – JARDÍN ROTONDA	
16:00-16:50	Plenary Speaker Richard Minnich Professor, specialty Biogeography, Fire Ecology; Department of Earth Sciences, University of California, Riverside (USA) <i>The biogeography and landscapes of Baja California today are those of Alta California's past.</i>	
	Salón Rojo Moderator: Aurora Breceda	Salón Salón Casino Moderator: Exequiel Ezcurra
17:00-17:20	Shiponeni, N. N. , M. Vogel, M. Keil, and N. Allsopp. <i>Mapping the distribution of grass and shrubs at an arid and heterogeneous ecotone between winter and summer rainfall in the Karoo".</i>	Frazaó, C., R. Buxton, S. Richardson, N. Mason , and W. H Norman. <i>Does fire select like an herbivore? Leaf palatability predicts flammability in New Zealand woody plants.</i>
17:20-17:40	Ermakov, N. B. <i>Bioclimatic steppe types in Southern Siberia.</i>	Laskurain, N.A., J.J. Camarero, A. Alla, and J. Loidi . <i>Oak tree-ring growth in relation to recent climatic change.</i>
17:40-18:00	COFFEE BREAK	

18:00- 18:20	De Bello, F., S. Lavorel, S. Diaz, R. Harrington, J.H.C. Cornelissen, R.D. Bardgett, M.P. Berg, C.K. Feld, J.P. Sousa, J. Storkey and D.A. Wardle. <i>Towards an assessment of multiple ecosystem processes and services via functional traits.</i>	López-Medellín, X., E. Ezcurra, C. González-Abraham, J. Hak, L. Santiago, and J. Sickman. <i>Changes in mangrove forests in the Pacific coast of Mexico as a result of sea-level rise and oceanographic anomalies.</i>
18:20-18:40	Caddy, H.A.R., C.L. Gross, R. D.B. Whalley, and J. N. Price. <i>Biotic and abiotic thresholds to recovery of degraded spring wetland communities.</i>	Muoghalu, J. I. <i>Changes in precipitation chemistry over 14 years in Ile-Ife, Nigeria.</i>
18:40-19:00	Fidelis, A., C. Blanco, S. C. Müller, V. D. Pillar, and J. Pfadenhauer. <i>Short-term changes caused by fire and mowing in Brazilian "campos" grasslands.</i>	Ortiz-Acosta, M.E., and J. Delgadillo. <i>Preliminary results of paleovegetation in Northwestern Baja California Peninsula México.</i>

TUESDAY, 20 APRIL

08:00	REGISTRATION	
09:00-09:45	Plenary Speaker Andrea Brunelle RED Lab, Department of Geography, University of Utah, 260 S. Campus Dr. Room 270 (USA) <i>Holocene records of the significance of ENSO on vegetation and fire regimes in deserts and semi-arid grasslands of the United States and Mexico</i>	
	Salón Rojo Moderator: Javier Loidi	Salón Casino Moderator: Stephen Bullock
10:00-10:20	De Wilde, M., E. Buisson, F. Ratovoson, R. Randrianaivo, J. Andrianirina, S. M. Carrière, and P. P. Lowry II. <i>Resilience of transitional forest following slash-and-burn cultivation near Andohahela National Park, Southeastern Madagascar.</i>	Sun, S. T., and C.R. Chiou. <i>Applying species distribution model on the establishment of permanent monitoring plots under climate change.</i>
10:20-10:40	Breceda, A., and R. Vázquez. <i>Vulnerable areas of desertification in the xerophytic scrubland of northwest Mexico.</i>	Wildi, O., and M. Schütz. <i>Dispersal and climate limitation of tree species in the Swiss Alps inferred from distribution patterns in herb and tree layer.</i>

10:40-11:00	<p>Janecek, S., V. Lanta, J. Klimesova, and J. Dolezal.</p> <p><i>Effect of abandonment and plant classification on carbohydrate reserves of meadow plants.</i></p>	<p>Greller, M. A.</p> <p><i>Bioclimatology of Evergreen Sclerophyll Woodland.</i></p>
COFFEE BREAK		
11:20-11:40	<p>Saar, L., K. Takkis, A. Helm, and M. Pärtel.</p> <p><i>Locally extinct species predict future losses in biodiversity of grasslands.</i></p>	<p>Ceballos-Alcantara, H., J. Delgadillo, F. Alcaraz, A. Delgadillo, C. Navarro and S. Palma.</p> <p><i>A predictive bioclimatic model in Mediterranean vegetation, Baja California, México, in face to the Climate Change impact: an approach.</i></p>
11:40-12:00	<p>Jaunatre, R., E. Buisson, and T. Dutoit.</p> <p>Plant community recolonisation after cultivation abandonment in La Crau steppe (South-Eastern France, Europe) is driven both by landscape context and fallow history.</p>	<p>Bennett, C., J. Storkey, R. Harrington, K. Thompson, and P. Grime.</p> <p><i>Plant functional diversity and ecosystem properties along a nutrient gradient on the worlds longest running ecological experiment.</i></p>
12:00-12:20	<p>Schultz, N., N. Reid, and G. Lodge.</p> <p><i>Plant biodiversity in agricultural landscapes: the ecological consequences of land sparing vs. wildlife-friendly farming in temperate Australia.</i></p>	<p>Ávila-Akerberg, V., and L. Almeida-Leñero.</p> <p><i>Vegetation biodiversity and ecosystem services provision in a forested gradient near Mexico City.</i></p>
COFFEE BREAK		
12:20-12:40	<p>Jardel-Peláez, E.J., E. Ezcurra, R. Cuevas-Guzmán, A. L. Santiago-Pérez, S. Vargas-Jaramillo, C. Cortés-Montaño, F. Castillo-Navarro, P. Llamas-Casillas, and J.E. Morfín-Ríos.</p> <p><i>Landscape patterns and dynamics of subtropical montane forests along soil-landform and disturbance gradients in the Sierra de Manantlán, Western Mexico.</i></p>	<p>Aggemyr, E., and S. A. O. Cousins.</p> <p>Revisiting 27 islands in the Stockholm archipelago after a century – the effect of land use change on species composition.</p>
13:00-13:20	<p>Good, M., J. Price, and N. Reid.</p> <p><i>Alternative states models provide a framework for assessing restoration goals in semi arid woodlands.</i></p>	<p>Naaf, T., and M. Wulf.</p> <p><i>Traits of winner and loser species reveal mechanisms of herb layer changes over two decades in Central European forests</i></p>
13:20-13:40	<p>Smits, N. A. C., H. P. J. Huiskes, J. H. J. Schaminée, J. H. Willems, and R. Bobbink.</p> <p><i>Restoration of species-rich grasslands enhanced by sod cutting and hay transfer.</i></p>	<p>López-Rosas, H., F. López-Barrera, P. Moreno-Casasola, G. Aguirre, L. Sánchez-Higuero, and E. Cázares.</p> <p><i>Preliminary indicators of recovery in the restoration of a tropical freshwater marsh invaded by an African grass.</i></p>

13:40- 14:00	Talbot, S. S. , S. L. Talbot, and L. R. Walker. <i>Post-eruption legacy effects and their implications for long-term recovery of the vegetation on Kasatochi Volcano, Aleutian Islands, Alaska.</i>	Jamoneau, A., D. Closset-Kopp, O. Chabrierie, E. Gallet-Moron, and G. Decocq . <i>Niche vs. neutral processes patterning species assemblages within forest metacommunities: a chronosequence approach.</i>
14:00-15:30	LUNCH BREAK – JARDÍN ROTONDA	
15:30- 17:00	POSTER SESSION	
17:00-17:50	Plenary Speaker Alfonso Valiente Departamento de Ecología de la Biodiversidad, Laboratorio de Ecología de Comunidades, Instituto de Ecología, Universidad Nacional Autónoma de México, México, D. F. <i>Positive interactions and the preservation of biodiversity: from historical biogeography to assembly processes in plant communities</i>	
18:00-18:20	COFFEE BREAK	
	Salón Rojo Moderator: Andrea Brunelle	Salón Casino Moderator: Michael Barbour
18:20-18:40	Chytrý, M. , J. Danihelka, I. Axmanová, J. Božková, E. Hettenbergerová, C.-F. Li, Z. Rozbrojová, L. Sekulová, L. Tichý, M. Vymazalová, and Zelený. <i>Floristic diversity of Cretan phrygana: the importance of soil pH.</i>	Paal, J. , and Degtjarenko, P. <i>Alkaline cement dust pollution effect on hemiboreal Pinus sylvestris forests in northern Estonia.</i>
18:40-19:00	Deák, Á.J. , K. Varga, E. Nagy, and C. Komoly. <i>Local and landscape-level vegetation and soil gradients in the sandland of the Southeast Kiskunság.</i>	Diekmann, M. , and C. Duprè. <i>Effects of cumulative atmospheric nitrogen deposition on species richness and composition of grasslands in north-western Europe – a historical comparison over the past 70 years.</i>

WEDNESDAY, 21 APRIL
MID-EXCURSIONS

THURSDAY, 22 APRIL

09:00-09:45	<p>Plenary Speaker</p> <p>José Paruelo</p> <p>Profesor and Senior Research Scientist, IFEVA - Facultad de Agronomía, UBA-CONICET, Buenos Aires, (Argentina)</p> <p><i>Ecosystem Functional Types: an approach to characterize the spatial and temporal heterogeneity of vegetation</i></p>	
	<p>Salón Rojo</p> <p>Moderator: Alfonso Valiente</p>	<p>Salón Casino</p> <p>Moderator: Patricia Moreno</p>
10:00-10:20	<p>Le Stradic, S., E. Buisson, and G. W. Fernandes. <i>Comparison of two physiognomies of rupestrian fields occurring along a soil gradient.</i></p>	<p>Palmquist, K.A., R. K. Peet, and N. L. Christensen. <i>Richness and diversity patterns over time and space in the fire-dependent Longleaf Pine ecosystem.</i></p>
10:20-10:40	<p>Hülber, K., S. Dullinger, K. Bardy, and G. Grabherr.</p> <p><i>Abiotic vs. biotic constraints on alpine snowbed plant distribution.</i></p>	<p>Oberbauer, T. A.</p> <p><i>Isla Cedros, an island with sharp vegetation gradients.</i></p>
10:40-11:00	<p>Infante, D. M., and P. Moreno-Casasola.</p> <p><i>Comparison of the structure, diversity and productivity of two types of swamps.</i></p>	<p>Janišová M., K. Hegedúšová, and I. Škodová.</p> <p><i>Patterns of grassland diversity in relation to environmental gradients and management.</i></p>
11:00-11:20	COFFEE BREAK	
11:20-11:40	<p>De Pata Pillar, V.D., and L. S. Duarte.</p> <p><i>A framework for metacommunity analysis of phylogenetic structure.</i></p>	<p>Giménez de Azcárate, J., A. Velázquez, C. Medina, A. Larrazábal, F. López, M.A.Macias, and J. Amigo.</p> <p><i>Vegetation-bioclimate relationship along environmental gradients in the state of Michoacán, México.</i></p>
11:40-12:00	<p>Ott, J. E.</p> <p><i>Phylogenetic niche overlap in plant communities of Zion National Park, Utah.</i></p>	<p>Krestov, P.V.</p> <p><i>The oceanicity–continentality gradient: how it works on the east of Asia</i></p>
12:00-12:20	<p>Klimesova, J., and J. Dolezal.</p> <p><i>Clonal plants in cold regions.</i></p>	<p>Ohmann, J. L., M. J. Gregory, E. B. Grossmann, and H. M Roberts.</p> <p><i>Nearest neighbors mapping of vegetation gradients for landscape analysis and planning.</i></p>

12:20-12:40	Leps, J. <i>Biodiversity of seminatural meadows under various management regimes: a 16 years experimental study.</i>	Palmer, M. W. <i>Latitudinal gradient of vascular plant richness north of Mexico.</i>
12:40-13:00	COFFEE BREAK	
13:00-13:20	López-Villalobos, A., and C. G. Eckert. <i>Ecological implications of habitat overlap in <i>Cammisoniopsis cheiranthifolia</i> and <i>C. bistorta</i> (Onagraceae).</i>	Horník, J., Š. Janeček, J. Klimešová, and J. Doležal. <i>Testing of the two most used Species Area Relationship curves in describing the community diversity at small scale.</i>
13:20-13:40	Lumbreras, A., and J. A. Molina. <i>Ecology of aquatic <i>Ranunculus</i> communities in the west of the Iberian peninsula: a center for water crowfoots biodiversity.</i>	Zobel, M., A. Vanatoa, E. Vanatoa, M. Moora, J. Davison, J. M. Kalwij, Ü. Reier, and M. Öpik. <i>Plant distribution and diversity – does arbuscular mycorrhiza matter?</i>
13:40-14:00	Moore, J. E., S. B. Franklin, and J. W. Grubaugh. <i>Herbaceous plant community responses to fluctuations in hydrology.</i>	Chiarucci, A. <i>Compositional gradients and biodiversity patterns of different groups of species in a cultural landscape.</i>
14:00-15:30	LUNCH BREAK – JARDÍN ROTONDA	
16:00-16:50	Plenary Speaker Jon P. Rebman Herbarium and Department of Botany, Center of the Biodiversity <i>On line resources for the flora of Baja California</i>	
	Salón Rojo Moderator: José Paruelo	Salón Casino Moderator: Ileana Espejel
17:00-17:20	Mucina, L. <i>Evolutionary Assembly of Vegetation in Saline Habitats: A Southern Hemisphere Perspective.</i>	Münzbergová, Z. <i>Intensity of seed rain has significant effect on diversity and composition of artificial plant communities.</i>
17:20-17:40	Minden, V., and M. Kleyer. <i>Plant trait responses to environmental conditions and effects on standing biomass of salt marshes.</i>	Schleicher, A., and M. Kleer. <i>Effects of the resident community on colonizing plants: a functional approach.</i>
17:40-18:00	COFFEE BREAK	

18:00- 18:20	Kim, D. , D.M. Cairns, and J. Bartholdy. <i>Spatial trends in vegetation diversity across environmental stress gradients on a salt marsh.</i>	Lubke, R. , A. N. Davenport, L-A. de Wet, and C. Fordham. <i>The ecology and distribution of endorheic pans in the subtropical thicket vegetation near Port Elizabeth, Eastern Cape, South Africa.</i>
18:20-18:40	Molina, J. A. , A. Lumbreras, and L. G. Sancho. <i>Identification of climate bioindicators in the southern most limit forests of the world.</i>	Rocchini, D. , H. Nagendra, B. S. Cade, K. S. He, J. Oldeland, R. Ghate, D. Wesuls, and M. Neteler. <i>Advances in forecasting species beta-diversity by remote sensing: current status and future directions.</i>
18:40-19:00	Lin, C. T. , C.-F. Li, D. Zelený, T.-Y. Chen, M.-Y. Chen, C.-R. Chiou, M. Chytrý, Y.-J. Hsia, C.-F. Hsieh, H.-Y. Liu, J.-C. Wang, and C.-L. Yeh. <i>Classification of the high-mountain coniferous forest vegetation of Taiwan.</i>	Pärtel, M. , R. Tamme, I. Hiiesalu, L. Laanisto, and R. Szava-Kovats. <i>Environmental heterogeneity, species diversity and coexistence.</i>

FRIDAY, 23 APRIL

09:00-09:45	Plenary Speaker Patricia Moreno-Casasola Barceló Instituto de Ecología, AC (INECOL), Xalapa, Veracruz (México) <i>Wetlands conservation in the Gulf of Mexico: a joint effort of government, society and academy.</i>	
	Salón Casino Moderator: Ernesto Franco Vizcaíno	Salón Rojo Moderator: Alejandro Velázquez
10:00-10:20	Patnaik, S. , J. Van Kley, A. Nalian, and A. Martynova-Van Kley. <i>Seasonal Changes in East Texas Arbuscular Mycorrhizal Fungal Communities.</i>	Plue, J. , B. Van Gils, C. Pepler-Lisbach, A. De Schrijver, K. Verheyen, and M. Hermy. <i>Seed Bank Convergence Under Different Tree Species During Forest Development.</i>
10:20-10:40	Solomeshch, A. I., and M. G. Barbour. <i>Developing a network of reference stands for monitoring the condition, over time, of California vernal pool associations.</i>	Samis, K. E. , and C. G. Eckert. <i>Geographic ranges: northern and southern limits in coastal dune plants.</i>
10:40-11:00	Nalian, A. , J. Van Kley, D. Fakhretdinova, and A. Martynova-Van Kley. <i>Fungal biodiversity in the rhizosphere of native East Texas, USA plants along environmental gradients.</i>	Smit, C. , M. Rietkerk, and M. Wassen. <i>Increased biotic stress (grazing) alters outcome of species interactions.</i>

11:00-11:20	COFFEE BREAK	
11:20-11:40	<p>Hiiesalu, I., M. Õpik, M. Metsis, J. Davison, M. Moora, M. Zobel, S.D. Wilson, and M. Pärtel.</p> <p><i>Below-ground diversity: concept, methods and patterns.</i></p>	<p>Tanko, D., S. P. Bako, A.U. Ezealor, and F.A. Tiseer.</p> <p><i>Evaluation of vegetation diversity and structure in relation to anthropogenic habitat modification in the Nigerian Savanna: A case study of the Dumbi inselberg, Zaria, northern Nigeria.</i></p>
11:40-12:00	<p>Franco-Vizcaíno, E., R. A. Minnich, and M. Salazar-Ceseña.</p> <p><i>Regional ecology of palm oases of the Peninsular Range Province interpreted from Google Earth™ imagery.</i></p>	<p>Van Kley, J. E.</p> <p><i>Compositional shifts in a Texas, USA, Taxodium swamp resulting from multiple exotic plant invasions.</i></p>
12:00-12:20	<p>Rojas-Flores, C. F., R. Martínez-Morales, M. Niño-Alcocer, and A. Victoria-Hernández.</p> <p><i>Land Cover Information System: INEGI's new way of seeing the vegetation.</i></p>	<p>Wehncke, E.W., X. López-Medellín, J. Rebman, M. Wall, and E. Ezcurra.</p> <p><i>Blue fan palm oases: new findings from the most remote populations.</i></p>
12:20-12:40	<p>Keith, D. A.</p> <p><i>Synthesis of vegetation maps for large regions: a new approach and case study from southeastern Australia.</i></p>	<p>Winkler, M., M. Koch, and P. Hietz.</p> <p><i>Polyploid evolution and habitat segregation in the <i>Senecio carniolicus</i> complex.</i></p>
12:40-13:00	COFFEE BREAK	
13:00-13:20	<p>Wiser, S. K., R. Earl, J. Hurst, A. E. Marburg, and E. Wright.</p> <p><i>Using Boosted Regression Trees to map a quantitative classification of New Zealand forests.</i></p>	<p>Lososová, Z., M. Chytrý, J. Danihelka, K. Fajmon, K. Kintrová, D. Láníková, Z. Otýpková, V. Řehořek, and L. Tichý.</p> <p><i>Effects of space and environmental filtering on alien floras of Central European cities.</i></p>
13:20-13:40	<p>Wevill, T., and J. Read.</p> <p><i>Stand dynamics and regeneration status of two angiosperm and two gymnosperm tree species in semi-arid northwestern Victoria, Australia.</i></p>	<p>Rosson, J. F., Jr., and A. K. Rose.</p> <p><i>Comparing tree-species richness and stand evenness between Braun's Mixed Mesophytic and Western Mesophytic forest associations in eastern USA.</i></p>
13:40-14:00	<p>Dolezal, J., Z. Maskova, F. de Bello, J. Klimesova, J. Kvet, and F. Zemek.</p> <p><i>Long-term effect of mulching on species and functional trait diversity on nutrient poor montane meadows in central Europe.</i></p>	<p>Barbosa, E. G., and V. R. Pivello.</p> <p><i>Management efficiency to control two invasive grasses in Brazilian Savannas</i></p>
14:00-15:30	LUNCH BREAK – JARDÍN ROTONDA	

	Salón Rojo Moderator: Sula Vanderplank	Salón Casino Moderator: Bart C. O'Brien
16:00-16:20	<p>Tichý L., M. Chytrý, and P. Šmarda. <i>A bootstrapping approach to test the stability of vegetation classification: towards more reliable description of plant community diversity.</i></p>	<p>Gonzalez-Elizondo, M. S., M. Gonzalez-Elizondo, J.A. Tena Flores, I.L. Lopez Enriquez, M.A. Marquez Linares, and L. Ruacho Gonzalez. <i>Sierra Madre Occidental: Vegetation and Change Trends.</i></p>
16:20-16:40	<p>Alvarado, S. T., E. Buisson, H. Rabarison, C. Rajeriarison, C. Birkinshaw, and P.P. Lowry II. <i>Effects of global changes on the vegetation management plan of the Ibity and Itremo future protected areas, Madagascar.</i></p>	<p>Keeler-Wolf, T., J. Sawyer, and J. Evens, and M. Barbour. <i>Bringing the California vegetation classification system into the 21st century.</i></p>
16:40-17:00		<p>Vanderplank, S., E. Ezcurra, and J. Delgadillo. <i>The perennial vegetation of greater San Quintín, Baja California, Mexico.</i></p>
17:00-18:00	GENERAL AND CLOSING CEREMONY	
20:00	!FIESTA MEXICANA! SALÓN CATEDRAL	

53rd IAVS SYMPOSIUM 2010

IMPORTANT DATES

- **APRIL 12-17:** CALIFORNIA PRE-SYMPOSIUM EXCURSION.
 - **APRIL 18,** REGISTRATION AND WELCOMING RECEPTION.
 - **APRIL 19,** REGISTRATION AND OPENING CEREMONY.
 - **APRIL 19,** COUNCIL MEETING (EVENING).
 - **APRIL 19- 20, 22 & 23:** PLENARY AND PARALLEL SESSIONS.
 - **APRIL 20,** POSTER SESSIONS.
 - **APRIL 20,** JVS EDITORS MEETING THE EVENING.
 - **APRIL 21,** MID-SYMPOSIUM EXCURSIONS.
 - **APRIL 23,** GENERAL AND CLOSING ASSEMBLIES.
 - **APRIL 23,** BANQUET – FIESTA MEXICANA
 - **APRIL 24,** DEPARTURE OF PARTICIPANTS TO HOME OR BAJA CALIFORNIA POST-SYMPOSIUM EXCURSIONS.
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POSTERS

1. Alvarado, H.; Villar, J. L., and Alonso, M. A. "Coastal vegetation on the south-eastern Falcón State (Venezuela)". [Alonso will present; Instituto de la Biodiversidad-CIBIO, Universidad de Alicante, Spain; ma.alonso@ua.es].
2. Barbosa, E. G., V.R. Pivello. "Management alternatives for *Urochloa decumbens* Stapf. (Poaceae) biological invasion in Brazilian Savannas" [Pivello will present; Department of Ecology, Bioscience Institute, University of São Paulo, São Paulo, Rua do Matão 321, Brazil; vrpivel@usp].
3. Bartos, M., S. Janecek, and J. Klimesova. "Effect of organization level on response of a dominant meadow plant to change in management: biomass and carbohydrate storage." [Bartos will present; Section of Plant Ecology, Institute of Botany, Academy of Science of the Czech Republic, Trebon, Czech Republic; michael.bartos@email.cz].
4. Cortés-Ortiz, A. "Landcover changes in the municipality of Durango, México, from 1975 to 2005" [Cortés will present, IPN CIIDIR Durango, Mexico; c_armando25@hotmail.com].
5. Dadalt, L., E. Vélez, A. Fidelis. "Mid-size geographical patterns in grasslands beta diversity of Brazilian Pampa". [Dadalt will present; Programa de Pós-Graduação em Ecologia, Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil; ldadalt@gmail.com].
6. Dolezal, J., S. Janecek, V. Lanta, F. de Bello, J. Klimesova, L. Klimes, and J. Leps. A comparative analysis of water stress related plant functional traits on species rich semi-natural meadows in central Europe". [Dolezal will present; Institute of Botany, Section of Plant Ecology, Třeboň, Czech Republic; dolezal@butbn.cas.cz].
7. Fichino, B.S., A. Fidelis, I.B. Schmidt and V.R. Pivello. "Effects of high temperatures on *Syngonanthus nitens* seed germination: implications for management". [Fidelis will present; Department of Ecology, Universidade de São Paulo, São Paulo, Brazil; fidelis@usp.br].
8. Fidelis, A., and V. R. Pivello. "Floristic similarities of wet grasslands in the Brazilian Cerrado biome". [Fidelis will present; Department of Ecology, Universidade de São Paulo, São Paulo; fidelis@usp.br].
9. García Fuentes, A., J. A. Torres, L. Ruiz Valenzuela, C. Salazar, A. Veloz, Y. M. León Hernández, and R. J. Montilla. "The Dry Forest in The Dominican Republic: diversity of flora and plant communities". [Salazar will present; Departamento de Biología Animal, Biología Vegetal y Ecología, Universidad de Jaén, Jaén, Spain; csalazar@ujaen.es].

10. Garcillán, P. P., and C.E. González-Abraham “Distribution patterns of Buffel Grass (*Pennisetum ciliare*) along paved roads in Baja California State, Mexico”. [Planeación Ambiental y Conservación, Centro de Investigaciones Biológicas del Noroeste, La Paz, Baja California Sur, México; ppgarcillan@cibnor.mx].
11. Guilló, A., M. A. Alonso, A. Juan, and M. B. Crespo. “Critical study of the halophytic plant communities controlled by succulent species along the Mediterranean basin”. [Alonso will present; CIBIO-Instituto Universitario de Investigación. Universidad de Alicante. Alicante, Spain; ana.guillo@ua.es].
12. Herrera-Arrieta Y, and A. Cortés-Ortiz. “The Poaceae family in the north of Mexico and some aspects of its biodiversity”. [Herrera will present; Herbario CIIDIR, IPN CIIDIR DGO.-COFAA; yherrera@ipn.mx].
13. Herrera-Corral, J., Y. Herrera-Arrieta, and N. Naranjo-Jiménez. “Changes in the vegetation in medium open grassland under system of continuous grazing in the north of Mexico”. [Herrera-Arrieta will present; IPN CIIDIR DGO.-COFAA; yherrera@ipn.mx].
14. Hong, S.-K., and J.-E. Kim. “Landscape pattern and vegetation process in island-coastal areas, South Korea.” [Hong and Kim will present: Institute of Islands Culture, Mokpo National University, Jeonnam, Republic of Korea; landhong@yahoo.co.kr].
15. Horwath, W. R., J.J. Castellón, and E. Franco Vizcaíno. “Impacts and sustainability of cattle grazing in mountain meadows of Baja California”. [Castellón will present; Facultad de Ciencias, Universidad Autónoma de Baja California, Ensenada, Baja California, México; jjcaste@uabc.mx].
16. Hülber, K., M. Sonnleitner, P. Escobar Garcia, and P. Schönswetter. “Spatial and ecological segregation of polyploidy levels within the alpine plant *Senecio carniolicus* (Asteraceae)”. [Hülber will present; Department of Conservation Biology, Vegetation and Landscape Ecology, University of Vienna, Austria, Europe; karl.huelber@univie.ac.at].
17. Huerta-Martínez F. M., A. Muñoz-Urias and E. García-Moya. “Reciprocal effects of plant-soil relationships at two spatial scales in a semiarid land of Central Mexico”. [Huerta-Martinez will present; Departamento de Ecología. Centro Universitario de Ciencias Biológicas y Agropecuarias. Universidad de Guadalajara. Las Agujas, Zapopan, Jalisco; fhuerta@cucba.udg.mx].
18. Ingerpuu, N., and K. Vellak. “Sphagnum growth dependence on environmental conditions and neighbor impact”. [Ingerpuu, Department of Botany, Institute of Ecology and Earth Sciences, University of Tartu, Lai Str. Tartu, Estonia; Nele.Ingerpuu@ut.ee].
19. Klimesova, J., K. Prach, and J. Kosnar. “High Arctic vegetation after 70 years: a repeated analysis from Svalbard”. [Klimesova will present; Section Plant Ecology, Institute of Botany AS CR, Trebon, Czech Republic; klimesova@butbn.cas.cz].

20. Jüriado, I., J. Liira, and L. Karu. "Endangered epiphytic lichen *Lobaria pulmonaria* along a gradient of different light conditions in semi-natural woodlands". [Jüriado will present; Department of Botany, Institute of Ecology and Science University of Tartu, Tartu, Estonia; inga.juriado@ut.ee].
21. López-Cedano, F., J. Delgadillo, and C. García-Gutierrez. "Change on land-use and coverages vegetation in 40 years (1968-2009), using indicators of deforestation in coniferous forest, Sierra de Juarez, Baja California, Mexico: an approach". [López-Cedano will present; Servicios Ambientales, Comisión Nacional Forestal (CONAFOR), Ensenada, Baja California, México; alexis1127@yahoo.com.mx].
22. López-Rosas, H., F. López-Barrera, P. Moreno-Casasola, G. Aguirre, L. Sánchez-Higueredo, and E. Cázares. "Preliminary indicators of recovery in the restoration of a tropical freshwater marsh invaded by an African grass". [López Rosas will present; Instituto de Ecología, Universidad del Mar, Puerto Escondido, Oaxaca, Mexico; hugo.loper@gmail.com].
23. Macková, J., P. Macek, and O. Mudrák. "Meadow species under different managements: ecophysiological responses". [Macek will present; Department of Botany, Faculty of Science, University of South Bohemia, and Section of Plant Ecology, Institute of Botany AS CR, Třeboň, Czech Republic; maca@prf.jcu.cz].
24. Ortiz-Arrona, C.I., D. García de Jalon, M. González del Tanago and F.J. Santana M. Ecological status of riparian vegetation in the Ayuquila-Armeria river, Mexico. [Ortiz-Arrona will present; Department of Ecology and Natural Resources, University of Guadalajara, Autlán, Jalisco, Mexico; cortiz@cucsur.udg.mx].
25. Pánková, H., J. Hradečná, Z. Münzbergová, and M. Vosátka. "Effect of arbuscular mycorrhizal fungi (AMF) on plant establishment on abandoned fields." [Pánková will present; Institute of Botany, Academy of Sciences of the Czech Republic, Průhonice, Czech Republic; Hana.Pankova@ibot.cas.cz].
26. Peinado M., M. Á. Macías, J. L. Aguirre, and J. Delgadillo. "Bioclimate and vegetation along the Pacific basin of Northwestern Mexico" [Macias will present; Departamento de Ciencias Ambientales, Universidad de Guadalajara. Las Agujas, Zapopan, Jalisco 45110, México; mmacias@cucba.udg.mx].
27. Ponomarenko, S., and D. McLennan. "Bioclimatic zonation and vegetation of the Torngat Mountains, Labrador, Canada". [Ponomarenko will present, Ecological Integrity Branch, Parks Canada, Gatineau (Québec) Canada; sergei.ponomarenko@pc.gc.ca].

28. Puijalon, S., T.J. Bouma, C.J. Douady, J. van Groenendael, N.P.R. Anten, E. Martel, and G. Bornette. "Avoidance vs. tolerance trade-offs in plant resistance to mechanical stress". [Puijalon will present; UMR CNRS 5023 Ecology of Fluvial Hydrosystems, Université Lyon 1, Villeurbanne, France sara.puijalon@univ-lyon1.fr].
29. Ramírez-Espinoza, E., and J. Delgadillo. "Plant life forms under a Mediterranean climate gradient, in Sierra de Juarez, Baja California, México" [Ramirez-Espinoza will present; BCMEX Herbarium, Faculty of Science, Universidad Autonoma de Baja California, Ensenada, Baja California, México, ede_lyn@hotmail.com].
30. Ratovoson, F., P. P. Lowry II, G. Schatz, R. Randrianaivo, and E. Buisson. "Plant composition and environmental factors in the transitional forest of Andohehala National Park". [Buisson will present; Missouri Botanical Garden / IMEP – UMR CNRS IRD, IUT de l'Université d'Avignon, Agroparc BP 1207, 84911 Avignon cedex, France, elise.buisson@univ-avignon.fr].
31. Rocchini, D., J. Wunder, M. Li, C. Vernesi, M. Neteler, and C. Varotto. "Spatial autocorrelation of genetic similarity by Bayesian theory". [Rocchini will present: IASMA Research and Innovation Centre, Fondazione Edmund Mach, Environment and Natural Resources Area, TN, Italy; duccio.rocchini@iasma.it, ducciorocchini@gmail.com].
32. Rozman, A., Diaci, J., and Batič, F. "Changes in species composition and vegetation structure on upper timberline in eastern (Slovenian) Alps". [Rozman will present; Biotechnical faculty, Department of forestry, University of Ljubljana, Ljubljana, Slovenia; andrej.rozman@bf.uni-lj.si].
33. Schleicher, A., and M. Kleyer. "Effects of the resident community on colonizing plants: a functional approach". [Schleicher will present; Landscape Ecology Group, University of Oldenburg, Germany; andrea.schleicher@uni-oldenburg.de].
34. Skiba, A.P., A. Fidelis, Specht, G., Fonseca, B.S.G, Pillar, V.P. and J. Pfadenhauer. "Impact of an invasive species (*Pinus* ssp.) on subtropical grasslands in Southern Brazil." [Fidelis will present; Laboratório de Ecologia da Paisagem e Conservação; Departamento de Ecologia; Universidade de São Paulo; São Paulo, Brazil; fidelis@usp.br].
35. Spada F., and C. Wellstein. "Resprouting capacity in trees across topographical gradients in peninsular Italy". [Wellstein will present; Department of Biogeography, University of Bayreuth, Bayreuth, Germany; camilla.wellstein@uni-bayreuth.de].
36. Tamme, R., R. Szava-Kovats, I. Hiiesalu, L. Laanisto, and M. Pärtel. "How small-scale environmental heterogeneity affects grassland species diversity". [Tamme will present, Institute of Ecology and Earth Sciences, University of Tartu, Estonia; riin.tamme@ut.ee].
37. Tshisikhawe, M.P., M.W. Van Rooyen, J. Y. Gaugris. "Is the present *Brackenridgea* nature reserve large enough to ensure the survival of *Brackenridgea zanguibarica* species?", [Tshisikhawe will present; Department of Botany, University of Venda, Thohoyandou; tshisip@univen.ac.za].

38. Vargas-Mendoza, C. F., R. Alcalde-Vázquez, C. L., Ibarra-Sánchez, E. A., Romero-Salas, and N. Medina-Jaritz. "Sequences for Mitochondrial Based Phylogeny in Mexican Pines, Subsection Australes". [Alcalde-Vázquez or Medina will present; Escuela Nacional de Ciencias Biológicas, Instituto Politécnico Nacional; México, D. F. noramedinaj@gmail.com].
39. Villar, J. L.; Vicente, A.; Martínez-Flores, F.; Juan, A.; Crespo, M. B. and Alonso, M. A. "Halophylous *Tamarix* communities in Crete (Greece): a taxonomical and syntaxonomical approach" [Villar will present; Instituto de la Biodiversidad-CIBIO, Universidad de Alicante, Alicante, Spain; jose.villar@ua.es].
40. Villar, J. L., A. Vicente, I. Aragonese, A. Juan, M. B. Crespo, and M. Alonso. "Coastal ravine vegetation in the island of Crete (Greece)". [Juan will present; Instituto de la Biodiversidad-CIBIO, Universidad de Alicante, Alicante; ana.juan@ua.es].
41. Virtanen, R., M. Luoto, T. Rämä, K. Mikkola, J. Hjort, J.-A. Grytnes, and H.J.B. Birks. "Geomorphologic disturbance, productivity and diversity driving vegetation changes in subarctic mountain birch forests". [Virtanen will present; Department of Biology, University of Oulu, Finland; risto.virtanen@oulu.fi].
42. White, J.M., and R.K. Peet. "Indicator species analysis of tree seedling composition as a method for detecting potential shifts in floodplain forest dynamics on a brownwater Coastal Plain River - the lower Roanoke River, North Carolina, USA". [White will present; Curriculum for the Environment and Ecology, University of North Carolina, Chapel Hill, NC, USA; Jackie.white@unc.edu].
43. Winkler, M., M. Koch, and P. Hietz. "Is gene flow responsible for differential colonisation of secondary habitats by epiphytic ferns?". [Winkler will present; Department of Integrative Biology, University of Natural Resources and Applied Life Sciences, Vienna, Austria; Manuela.winkler@boku.ac.at].
44. Wong, M.R., J.W. Morgan, and T.R. Cavagnaro. "Vegetation and soil food web responses to resource availability in a perennial tussock grassland, south-eastern Australia". [Wong will present, School of Biological Sciences, Monash University, Australia, AUST; megan.wong@sci.monash.edu.au].
45. Zacarias-Eslava, L. E., G. Ibarra-Manríquez, R. Cuevas G., and I. Trejo. "Relationship of slope aspect and altitude on structure, composition and diversity of a temperate forest in Mexico". [Zacarias-Eslava will present; Centro de Investigaciones en Ecosistemas, Universidad Nacional Autónoma de México, Morelia, Michoacán, México; leslava@oikos.unam.mx].