



MONOCOTS

Nomenclature:

Slots in green highlight Date and Location of activities.

Slots in orange highlight activities sharing all rooms together

Session Date	Monday March 11th, 2024		
Room	Guanacaste 1		
Presenter start time	Presenter name	Type of Participation	Talk title
9.00am-9.25am	Adam P. Karremans		Official Welcome
9.25am-10.10am	Dr. Thomas Givnish	Keynote Talk	Progress and prospects in monocot phylogenomics and evolutionary biology
10.10am-10.40am	Coffee Break		
10.40am-11.05am	Craig F. Barrett*, Sean W. Graham, Cameron W. Corbett, Izai Kikuchi, Nathaniel Klimpert, Vivienne K.Y. Lam, Marybel Soto Gomez, Philippa Stone, Hana L. Thixton-Nolan, Vincent S.F.T. Merckx and John V. Freudenstein	Symposium "Mycoheterotrophic Monocot Biology (Part I)"	Phylocomparative analyses of plastid genome molecular evolution in monocot mycoheterotrophs
11.05am-11.30am	Izai Kikuchi*, Juan Viruel, V.S.F.T. Merckx, S.W. Graham	Symposium "Mycoheterotrophic Monocot Biology (Part I)"	Target-enrichment-based phylogenomic analysis of mycoheterotrophic lineages in the yam order, Dioscoreales
11.30am-11.55am	Hana L. Thixton*, Mathilda V. Santee, John V. Freudenstein, Craig F. Barrett	Symposium "Mycoheterotrophic Monocot Biology (Part I)"	A population perspective on plastome evolution in the mycoheterotrophic <i>Corallorhiza maculata</i> species complex
11.55am-12.20pm	Brandon T. Sinn*, Craig F. Barrett	Symposium "Mycoheterotrophic Monocot Biology (Part I)"	Phylocomparative Transcriptomics in <i>Corallorhiza</i> : characterizing differential gene expression along a mycoheterotrophic gradient
12.20pm-2.00pm	Lunch Break		
2.00pm-2.45pm	Dr. James Leebens-Mack	Keynote Talk	Dioecy and sex chromosomes in the genus <i>Asparagus</i>
2.45pm-3.15pm	Coffee Break		
3.15pm-3.40pm	Petra Svetlikova*, Filip Husnik, Kenji Suetsugu	Symposium "Mycoheterotrophic Monocot Biology (Part II)"	The plastid genome of <i>Oxygyne shinzatoi</i> and the evolution of Thismiaceae
3.40pm-4.05pm	John V. Freudenstein*, Craig F. Barrett	Symposium "Mycoheterotrophic Monocot Biology (Part II)"	Pollination and reproductive strategies in monocot mycoheterotrophs
4.05pm-4.30pm	Craig Barrett*, Hana Thixton-Nolan, John Freudenstein	Symposium "Mycoheterotrophic Monocot Biology (Part II)"	Integrative analyses of variation in fully mycoheterotrophic, North American orchids
4.30pm-4.55pm	Philippa Stone*, Romulo Segovia, Qianshi Lin, Marco Todesco, Loren Rieseberg, and Sean W. Graham	Talk	Genomics and systematics of the genus <i>Triantha</i> (Tofieldiaceae, Alismatales)
7.00pm-9.00pm	Welcome Cocktail (National Museum of Costa Rica). Transportation from the Conference center leaves at 6.00pm. Transportation back to Conference Center will be provided after the event. Bring your Conference ID.		

Session Date		Monday March 11th, 2024	
Room		Guanacaste 2	
Presenter start time	Presenter name	Type of Participation	Talk title
9.00am-9.25am	Adam P. Karremans		Official Welcome
9.25am-10.10am	Dr. Thomas Givnish	Keynote Talk	Progress and prospects in monocot phylogenomics and evolutionary biology
10.10am-10.40am			Coffee Break
10.40am-11.05am	Mario Blanco*	Symposium "Monocot diversity, research and conservation in Costa Rica"	State of knowledge of monocot diversity in Costa Rica
11.05am-11.30am	Franco Pupulin*	Symposium "Monocot diversity, research and conservation in Costa Rica"	Modern floristics and collaborative taxonomy
11.30am-11.55am	Diego Bogarín*	Symposium "Monocot diversity, research and conservation in Costa Rica"	Safeguarding Monocot diversity in Costa Rica
11.55am-12.20pm	Silvia Lobo Cabezas*	Symposium "Monocot diversity, research and conservation in Costa Rica"	Do you know where the types are? The monocot type specimens from Costa Rica
12.20pm-2.00pm			Lunch Break
2.00pm-2.45pm	Dr. James Leebens-Mack	Keynote Talk	Dioecy and sex chromosomes in the genus <i>Asparagus</i>
2.45pm-3.15pm			Coffee Break
3.15pm-3.40pm	Mariana Naomi Saka*	Symposium "Marantaceae: Diversity, Ecology and Evolution"	Systematics of Neotropical Marantaceae: current status and perspectives
3.40pm-4.05pm	Anaclara Visconti, Linnea Hesse, Noah Knorr*	Talk	Biomechanics and structural adaptations in the stems of the self-supporting <i>Marantochloa leucantha</i>
4.05pm-4.30pm	Regine Claßen-Bockhoff*, Sarah Deobald	Symposium "Marantaceae: Diversity, Ecology and Evolution"	Inflorescence development in Marantaceae: the enigma of the flower pairs
4.30pm-4.55pm	Flávia Delgado Santana*, Flávia Costa	Symposium "Marantaceae: Diversity, Ecology and Evolution"	Environmental heterogeneity and seed dispersal syndromes: implications to Marantaceae species distribution
4.55pm-5.20pm			Empty
7.00pm-9.00pm	Welcome Cocktail (National Museum of Costa Rica). Transportation from the Conference center leaves at 6.00pm. Transportation back to Conference Center will be provided after the event. Bring your Conference ID.		

Session Date		Tuesday March 12th, 2024	
Room		Guanacaste 1	
Presenter start time	Presenter name	Type of Participation	Talk title

9.00am-9.45am	Dr. Chlesea Specht	Keynote Talk	Genomic insights into role of adaptation in the evolution of novelty: tales from <i>Costus</i> L. and <i>Calochortus</i> Pursh.
9.45am-10.15am	Coffee Break		
10.15am-10.40am	Jesús Martínez-Gómez*	Symposium "Adaptation and Trait Diversification in Monocots: Perspectives from macro- and microevolutionary processes"	Incorporating prior information of developmental genetics in trait evolution with the Threshold Model: The Umbelivable <i>Amaryllis</i> umbel as a case study.
10.40am-11.05am	Adriana I. Hernandez*	Symposium "Adaptation and Trait Diversification in Monocots: Perspectives from macro- and microevolutionary processes"	Ecological specialization in the face of gene flow: leveraging clinal variation to investigate local adaptation
11.05am-11.30am	María José Sanín*, Carmen Webster, Margot Paris, Ingrid Olivares	Symposium "Adaptation and Trait Diversification in Monocots: Perspectives from macro- and microevolutionary processes"	Regions under selection in the cryptic radiation of the <i>Geonoma undata</i> species complex.
11.30am-11.55am	Gerhard Zotz*	Talk	The velamen radicum – fact and fiction
11.55am-12.20pm	Empty		
12.20pm-2.00pm	Lunch Break		
2.00pm-3.15pm	Poster Session I (& coffee break)		
3.15pm-3.40pm	Michelle Modert*, Tom Masselter, Thomas Speck	Symposium "Adaptive growth and functional morphology of monocotyledons"	Anatomy and biomechanics of leaf unfolding in <i>Syngonium podophyllum</i> compared to the leaf unfolding in water lilies.
3.40pm-4.05pm	Linnea Hesse*	Symposium "Adaptive growth and functional morphology of monocotyledons"	Can the functional morphology and adaptive growth in monocots inspire technology?
4.05pm-4.30pm	Joanna Jura-Morawiec*	Symposium "Adaptive growth and functional morphology of monocotyledons"	Wound closure in monocot stem with secondary growth
4.30pm-4.55pm	Hansj Krähmer*	Symposium "Adaptive growth and functional morphology of monocotyledons"	Variations of monocot vascular bundle systems above and below ground
4.55pm-5.20pm	Empty		
5.20pm-5.45pm	Empty		

Session Date	Tuesday March 12th, 2024		
Room	Guanacaste 2		
Presenter start time	Presenter name	Type of Participation	Talk title

9.00am-9.45am	Dr. Chlesea Specht	Keynote Talk	Genomic insights into role of adaptation in the evolution of novelty: tales from <i>Costus</i> L. and <i>Calochortus</i> Pursh.
9.45am-10.15am	Coffee Break		
10.15am-10.40am			
10.40am-11.05am	Empty		
11.05am-11.30am	(Rescheduled Thursday morning GUANACASTE 3)		
11.30am-11.55am			
11.55am-12.20pm			
12.20pm-2.00pm			
2.00pm-3.15pm	Poster Session I (& coffee break)		
3.15pm-3.40pm	Thomas. B. Croat*	"IV Symposium on Neotropical Araceae"	A review of Taxonomic Studies in Araceae
3.40pm-4.05pm	Alejandro Zuluaga*	"IV Symposium on Neotropical Araceae"	Advances in the knowledge of Colombian Araceae
4.05pm-4.30pm	Corinna Ehn*, Florian Etl, Raimund Thenhaken, Wolfgang Wanek, Erika Salas, Stefan Dötterl, Jürg Schönenberger	"IV Symposium on Neotropical Araceae"	Fermenting fruit mimicking flowers with sugary rewards in two co-flowering Anthurium species (Araceae)
4.30pm-4.55pm	Florian Etl*, Christian Kaiser, Oliver Reiser, Mario Schubert, Stefan Dötterl, Jürg Schönenberger	"IV Symposium on Neotropical Araceae"	Evidence for the recruitment of florivorous plant bugs as pollinators
4.55pm-5.20pm	Marco Vinicio Cedeño Fonseca*, Orlando Oriel Ortiz Castillo, Nils Köster	"IV Symposium on Neotropical Araceae"	Molecular phylogenetic relationships and morphological assessment of Philodendron species in Central America
5.20pm-5.45pm	Empty		

Session Date	Tuesday March 12th, 2024		
Room	Guanacaste 3		
Presenter start time	Presenter name	Type of Participation	Talk title
9.00am-9.45am	Dr. Chlesea Specht	Keynote Talk	Genomic insights into role of adaptation in the evolution of novelty: tales from <i>Costus</i> L. and <i>Calochortus</i> Pursh.
9.45am-10.15am	Coffee Break		

10.15am-10.40am	Raúl Lois Madera*, Anton A. Reznicek, Socorro González Elizondo, Eduardo Ruiz Sánchez, Marcial Escudero, Ana Morales, Carmen Acedo, Pedro Jiménez Mejías	Talk	<i>Carex</i> sect. Fecundae: a boreotemperate radiation group in the Neotropics.
10.40am-11.05am	Zoë Dennehy-Carr*, Alastair Culham, John David, Chris Yesson, Joy Singarayer, Kálmán Könyves	Talk	Looking back to the origin of Amaryllidaceae: A phylogenetic and biogeographic analysis
11.05am-11.30am	Hannah Hall*, Alastair Culham, John David, Kálmán Könyves	Talk	New insights into the taxonomy of Hyacinthinae Parl. (Asparagaceae, Scilloideae)
11.30am-11.55am	Aarón Rodríguez*, Pedro Daniel Rivas-Salazar	Talk	Phylogeography of the <i>Polianthes geminiflora</i> (Asparagaceae) complex
11.55am-12.20pm	Empty		
12.20pm-2.00pm	Lunch Break		
2.00pm-2.45pm	Poster Session I (& coffee break)		
2.45pm-3.15pm	Poster Session I (& coffee break)		
3.15pm-3.40pm	Thomas H. Murphy*, Lucas C. Majure	Talk	Exploring the diversity and evolution of climbers in the Neotropics: Ongoing studies in the genus <i>Smilax</i> (Smilacaceae)
3.40pm-4.05pm	Joonhyung Jung*, Joo-Hwan Kim	Talk	Molecular phylogeny of Commelinaceae Mirb. based on maternal inherited genomes data
4.05pm-4.30pm	Joo-Hwan Kim*	Talk	The Evolutionary History of Tepaloid Monocots: An Emphasis on Liliaceae (Liliales)
4.30pm-4.55pm	Jimena Samper Villareal*	Talk	Understanding seagrass ecological and reproductive dynamics are key to support meadow restoration efforts in Costa Rica
4.55pm-5.20pm	Karen Gil-Amaya*, Melania Fernández, David Grimaldi, Mario A. Blanco, Miguel Benavides-Acevedo, Lizbeth Oses, Adam P. Karremans	Talk	Pollination ecology of <i>Dracula erythrochaete</i> (Orchidaceae): a case of food deception in a fungal mimicry system
5.20pm-5.45pm	Rafael Acuña-Castillo, Mario A. Blanco, Miguel Artavia, José Esteban Jiménez & Diego Bogarín	Talk	A preliminary overview on wetland inhabiting orchids in the neotropics

Session Date	Wednesday March 13th, 2024		
Room	Guanacaste 1		
Presenter start time	Presenter name	Type of Participation	Talk title
9.00am-9.45am	Dr. Óscar Pérez-Escobar	Keynote Talk	Assembling the Monocot Tree of Life: an example from the orchid family
9.45am-10.15am	Coffee Break		

10.15am-10.40am	Rachel S. Jabaily*	Symposium "BromEvo-III: Reproductive biology, ecophysiology and ecology of the Bromeliaceae"	Life history and tradeoffs in the Bromeliaceae
10.40am-11.05am	Helenice Mercier*	Symposium "BromEvo-III: Reproductive biology, ecophysiology and ecology of the Bromeliaceae"	What we can learn from aquaporins of epiphytic tank-forming bromeliads and how they can be useful for plant biotechnology
11.05am-11.30am	Josh Felton*, Rachel Jabaily	Symposium "BromEvo-III: Reproductive biology, ecophysiology and ecology of the Bromeliaceae"	Exploring Reproductive Investment and Breeding System Evolution in Bromeliaceae
11.30am-11.55am	Stephanie Núñez Hidalgo*, Alfredo Cascante Marín	Symposium "BromEvo-III: Reproductive biology, ecophysiology and ecology of the Bromeliaceae"	Reproductive coexistence in epiphytic bromeliads of the genus <i>Werauhia</i> J.R. Grant (Bromeliaceae) in a montane forest, Costa Rica.
11.55am-12.20pm	Sofía Huerta-Fahara*, Eric J. Fuchs-Castillo, Alfredo Cascante-Marín, E. Jacob Cristóbal-Pérez, Ruth Madrigal-Brenes, Mauricio Quesada	Talk	Contrasting reproductive traits affect the genetic diversity and fine-scale genetic structure of two sympatric epiphytic bromeliad species.
12.20pm-2.00pm	Lunch Break		
2.00pm-2.45pm	Dr. Alexandre Antonelli	Keynote Talk	Illuminating the world's biodiversity darkspots
2.45pm-3.15pm	Coffee Break		
3.15pm-3.40pm	Carolina Granados Mendoza*	Symposium "BromEvo-III: BromeliOmics"	New plastome structural rearrangements discovered in core Tillandsioideae (Bromeliaceae) support recently adopted taxonomy
3.40pm-4.05pm	Katya Jeanneth Romero Soler*	Symposium "BromEvo-III: BromeliOmics"	The diversification in Hechtioideae (Bromeliaceae) in the dry forests of North and Central America
4.05pm-4.30pm	Sandra I. Vera-Paz*, Carolina Granados Mendoza, Daniel D. Díaz-Contreras, Matthias Jost, Gerardo A. Salazar, Andrés J. Rossado, Claudia A. Montes-Azcué, Rebeca Hernández-G, Susana Magallón, Luis A. Sánchez-G., et al.	Symposium "BromEvo-III: BromeliOmics"	Plastome phylogenomics reveals an early Pliocene North- and Central America colonization by long-distance dispersal from South America of a highly diverse bromeliad lineage
4.30pm-4.55pm	David Cruz Plancarte*, Matthias Jost, Carolina Granados Mendoza	Symposium "BromEvo-III: BromeliOmics"	The mitochondrial genome in Tillandsioideae (Bromeliaceae): assembly and comparative analysis
4.55pm-5.20pm	Jim Leebens-Mack*	Symposium "BromEvo-III: BromeliOmics"	Bromeliaceae phylogenomic analyses elucidate genome evolution across diversification bursts
5.20pm-5.45pm	Empty		

Session Date	Wednesday March 13th, 2024		
Room	Guanacaste 2		
Presenter start time	Presenter name	Type of Participation	Talk title
9.00am-9.45am	Dr. Óscar Pérez-Escobar	Keynote Talk	Assembling the Monocot Tree of Life: Examples from research at Kew
9.45am-10.15am	Coffee Break		

10.15am-10.40am	Jan Ponert*, Pavel Trávníček, Zuzana Chumová	Symposium "Phylogenomics of Neotropical Orchidaceae"	Phylogeny of Pleurothallidinae based on target enrichment NGS sequencing and evolution of genome-wide traits
10.40am-11.05am	Lidia I. Cabrera*, Sandra I. Vera-Paz, Rubi N. Meza-Lazaro, James D. Ackerman, Federico Rizo-Patrón, Eric Hagsater, Carolina Granados, Susana Magallon, Gerardo A. Salazar	Symposium "Phylogenomics of Neotropical Orchidaceae"	Plastid phylogenomics resolves recalcitrant relationships in Spiranthinae (Orchidaceae, Cranichideae).
11.05am-11.30am	Janice Valencia D.*, Kurt Neubig	Symposium "Phylogenomics of Neotropical Orchidaceae"	Mitogenome evolution in orchids, the importance of the horizontal gene transfer
11.30am-11.55am	Lizbeth Oses*, Adam Karremans	Talk	A subgeneric reclassification of <i>Masdevallia</i> (Orchidaceae: Pleurothallidinae) based on genetic data
11.55am-12.20pm	EMPTY		
12.20pm-2.00pm	Lunch Break		
2.00pm-2.45pm	Dr. Alexandre Antonelli	Keynote Talk	Illuminating the world's biodiversity darkspots
2.45pm-3.15pm	Coffee Break		
3.15pm-3.40pm	Pascale Besse, Michel Grisoni	Symposium "Untangling the vine: understanding the evolution of the orchid genus <i>Vanilla</i> , from morphology to genomes"	Resolving challenging taxonomic issues in <i>Vanilla</i>
3.40pm-4.05pm	Adam P. Karremans*	Symposium "Untangling the vine: understanding the evolution of the orchid genus <i>Vanilla</i> , from morphology to genomes"	On the identity crisis of the 'Mexican' <i>Vanilla</i>
4.05pm-4.30pm	Quentin Piet*	Symposium "Untangling the vine: understanding the evolution of the orchid genus <i>Vanilla</i> , from morphology to genomes"	The puzzling genome of <i>Vanilla</i> : current knowledge and applications
4.30pm-4.55pm	Charlotte Watteyn*, Adam P. Karremans, Eric Fuchs Castillo, Diego Asvestas, Ruth Madrigal Brenes, Steven Janssens, Bart Muys	Symposium "Untangling the vine: understanding the evolution of the orchid genus <i>Vanilla</i> , from morphology to genomes"	In search of climate resilient <i>Vanilla</i> species: Combining species distribution modelling and population genetics to guide their conservation
4.55pm-5.20pm	Maria Alejandra Serna-Sánchez*, Eric J Fuchs, Adam P. Karremans	Symposium "Untangling the vine: understanding the evolution of the orchid genus <i>Vanilla</i> , from morphology to genomes"	Genetic diversity and clonal structure in wild populations of <i>Vanilla odorata</i> and <i>Vanilla pompona</i> in Costa Rica
5.20pm-5.45pm	Alexander Damián-Parizaca*	Symposium "Untangling the vine: understanding the evolution of the orchid genus <i>Vanilla</i> , from morphology to genomes"	Vanillomics: Towards a phylogenomic monograph of Neotropical <i>Vanilla</i>

Session Date	Thursday March 14th, 2024		
Room	Guanacaste 1		
Presenter start time	Presenter name	Type of Participation	Talk title
9.00am-9.45am	Dr. Clarisse Palma-Silva	Keynote Talk	Bromeliaceae: a fascinating Neotropical model for investigating adaptive genomics and speciation
9.45am-10.15am	Coffee Break		
10.15am-10.40am	Julián Aguirre-Santoro*	Symposium "BromEvo-III: Systematics and evolution of the Bromeliaceae"	Bromeliad evolution and conservation in the high elevation Andes

10.40am-11.05am	Igor M. Kessous*, Dayvid Rodrigues Couto, Beatriz Neves, Andrea Ferreira da Costa	Symposium "BromEvo-III: Systematics and evolution of the Bromeliaceae"	Recent advances in the taxonomy and evolutionary history of <i>Vriesea</i> Lindl. (Bromeliaceae)
11.05am-11.30am	Natalia Ruíz-Vargas*	Symposium "BromEvo-III: Systematics and evolution of the Bromeliaceae"	Biogeography of Caribbean <i>Pitcairnia</i> (Bromeliaceae)
11.30am-11.55am	Elizabeth K. McMurchie*, Joseph W. Veldman, Maira T. Martinez-Ugarteche, Lynn G. Clark	Talk	A difference in strategy: How habitat affects functional traits related to colonization and pyrogenicity in Bolivian <i>Guadua</i>
11.55am-12.20pm	Ximena Londoño*, Lucía Ana Díaz Ariza, Hair Santiago Puentes Lozano, Juan José Sánchez, Sergio Díaz, David Villamarín	Talk	Relationship between total phenolic compounds, microbiome, mycorrhization, and soil nutritional content in different species of the genus <i>Guadua</i> (Poaceae) in Colombia
12.20pm-2.00pm	Lunch Break		
2.00pm-3.15pm	Poster Session II (& coffee break)		
3.15pm-3.40pm	Eliška Závěská	Symposium "Perspectives on historical and recent hybridization in the evolutionary history of Monocots"	Ancient hybridization in family Zingiberaceae – Accelerator or brake in lineage diversifications?
3.40pm-4.05pm	Ovidiu Paun	Symposium "Perspectives on historical and recent hybridization in the evolutionary history of Monocots"	Pervasive hybridization and adaptive radiation
4.05pm-4.30pm	María José Sanín	Symposium "Perspectives on historical and recent hybridization in the evolutionary history of Monocots"	Introgressive hybridization plays an essential role in peripheral, founding, and expanding populations of wax palms (genus <i>Ceroxylon</i>)
4.30pm-4.55pm	Marcos Vinicius Dantas de Queiroz	Symposium "Perspectives on historical and recent hybridization in the evolutionary history of Monocots"	Biogeography helps understand deep-time phylogenetic reticulation
4.55pm-5.20pm	Carlos Moya Villalobos*	Symposium "Symbiotic Secrets: Exploring Mycorrhizal Fungi from Neotropical Epiphytic Orchids"	Isolation and molecular identification of endophytic fungi from epiphytic orchids based on axenic cultures
7.30-9.30pm	Gala Dinner at Crowne Plaza Hotel		

Session Date	Thursday March 14th, 2024		
Room	Guanacaste 2		
Presenter start time	Presenter name	Type of Participation	Talk title
9.00am-9.45am	Dr. Clarisse Palma-Silva	Keynote Talk	Bromeliaceae: a fascinating Neotropical model for investigating adaptive genomics and speciation
9.45am-10.15am	Coffee Break		
10.15am-10.40am	Edlley Pessoa*	Symposium "Current topics in the study of Neotropical subtribe Laeliinae (Orchidaceae)"	Multidisciplinary approach to species delimitation: impacts on conservation and biogeography of the mega-genus <i>Epidendrum</i>

10.40am-11.05am	Eric Hágsater*, Adam Karremans, Diego Bogarin, Mónica A. Flores-Iniestres, Rubi D. Meza, Lidia I. Cabrera, Liza M. Linares, Jessy P. Arista, Carolina Granados Mendoza, Susana Magallón, Gerardo A. Salazar	Symposium "Current topics in the study of Neotropical subtribe Laeliinae (Orchidaceae)"	Towards a formal infrageneric classification of <i>Epidendrum</i> , the largest Neotropical genus of Orchidaceae
11.05am-11.30am	Tiago Vieira*	Symposium "Current topics in the study of Neotropical subtribe Laeliinae (Orchidaceae)"	Phylogeny of <i>Prosthechea</i> (Orchidaceae, Laeliinae): Reassessing the lumpers-splitter debate and shedding light on its evolution
11.30am-11.55am	Cekouat León Peralta*, Gerardo A. Salazar, Eduardo Pérez García, Lidia I. Cabrera, Carolina Granados Mendoza, Susana Magallón, Rubí Meza	Symposium "Current topics in the study of Neotropical subtribe Laeliinae (Orchidaceae)"	Plastomics of <i>Barkeria</i> (Orchidaceae): Insights into the evolution of a genus from tropical dry forests
11.55am-12.20pm	Eliana de Medeiros	Symposium "Symbiotic Secrets:	Mycorrhizal associations in the threatened orchid <i>Cattleya</i>
12.20pm-2.00pm	Lunch Break		
2.00pm-2.45pm	Poster Session II (& coffee break)		
2.45pm-3.15pm			
3.15pm-3.40pm	Cássio van den Berg*, César A. Zanello, Caroline G. Bertocco, Igor A.S. Carvalho, M. Rosim, Samuel H. Swertz & Maria I. Zucchi	Symposium "Current topics in the study of Neotropical subtribe Laeliinae (Orchidaceae)"	Phylogenomics of <i>Cattleya</i>
3.40pm-4.05pm	Gerardo A. Salazar*, Rubi N. Meza-Lázaro, Miguel Á. Alcalá-Gaxiola, Ricardo Alcocer-Vásquez, Lidia I. Cabrera, Mónica A. Flores-Iniestres, Cekouat E. León-Peralta, Carolina Granados Mendoza, Susana Magallón, Eric Hágsater	Symposium "Current topics in the study of Neotropical subtribe Laeliinae (Orchidaceae)"	<i>Epidendrum</i> phylogenomics: Insights into a Neotropical mega-radiation

4.05pm-4.30pm	Rubi N. Meza-Lázaro*, Aleida Núñez Ruiz, Miguel Ángel Alcalá Gaxiola, Ricardo Alcocer Vázquez, Cekouat E. León-Peralta, Mónica A. Flores-Iniestres, Lidia I. Cabrera, Gloria Soldevilla, Pedro Mercado-Ruaro, Eduardo A. Pérez García, Eric Hágater, Carolina Granados Mendoza, Susana Magallón, Gerardo A. Salazar	Symposium "Current topics in the study of Neotropical subtribe Laeliinae (Orchidaceae)"	Genome size variation and evolution in the orchid subtribe Laeliinae
4.30pm-4.55pm	Gustavo Rojas-Alvarado*	Talk	Pleurothallidinae inflorescences: Understanding its typology
4.55pm-5.20pm	Cekouat E. León-Peralta*	Talk	Unfolding orchid diversity through paper folding
7.30-9.30pm	Gala Dinner at Crowne Plaza Hotel		

Session Date	Thursday March 14th, 2024		
Room	Guanacaste 3		
Presenter start time	Presenter name	Type of Participation	Talk title
9.00am-9.45am	Dr. Clarisse Palma-Silva	Keynote Talk	Bromeliaceae: a fascinating Neotropical model for investigating adaptive genomics and speciation
9.45am-10.15am	Coffe Break		
10.15am-10.40am			
10.40am-11.05am			
11.05am-11.30am	Empty		
11.30am-11.55am			
11.55am-12.20pm			
12.20pm-2.00pm	Lunch Break		
2.00pm-3.15pm	Poster Session II (& coffee break)		
3.15pm-3.40pm	Christian Silva*, Fernando Omar Zuloaga	the Symposium "Advances in the taxonomy and phylogeny of Panicoideae (Poaceae)"	Impacts of molecular phylogenetics on generic classification in Paniceae and Paspaleae (Poaceae, Panicoideae)
3.40pm-4.05pm	Cassiano Aimberê Dorneles Welker*	the Symposium "Advances in the taxonomy and phylogeny of Panicoideae (Poaceae)"	Updates on the phylogeny and classification of Andropogoneae (Poaceae: Panicoideae)
4.05pm-4.30pm	Rua G.H., Vaio M., Bonasora M.G., Speranza P.R., Christian Silva*	the Symposium "Advances in the taxonomy and phylogeny of Panicoideae (Poaceae)"	Current status of phylogenetic studies in the genus <i>Paspalum</i> L.
4.30pm-4.55pm	Peng-Fei Ma*, Hong Wu, De-Zhu Li	Talk	Variation of plastomes and their potential role in adaptive evolution of Poales
4.55pm-5.20pm	Empty		
7.30-9.30pm	Gala Dinner at Crowne Plaza Hotel		

Session Date		Friday March 15th, 2024	
Room		Guanacaste 1	
Presenter start time	Presenter name	Type of Participation	Talk title
9.00am-9.45am	James D. Ackerman	Keynote Talk	How to make a species rich family
9.45am-10.15am	Coffee Break		
10.15am-10.40am	Adam P. Karremans*, Charlotte Watteyn	Symposium "Orchid flowers: their pollination, ecology and evolution"	Pollination and seed-dispersal strategies in Neotropical <i>Vanilla</i>
10.40am-11.05am	Daniela Scaccabarozzi*, Nina Sletvold	Symposium "Orchid flowers: their pollination, ecology and evolution"	Unveiling the 'buzz' in Australian Sun Orchids
11.05am-11.30am	Noelia Belfort- Oconitrillo*	Symposium "Orchid flowers: their pollination, ecology and evolution"	Importance of pollination by flies in Orchidaceae: a case study on the reproductive biology and pollination ecology of <i>Masdevallia striatella</i> (Pleurothallidinae)
11.30am-11.55am	Melissa Whitman*	Symposium "Orchid flowers: their pollination, ecology and evolution"	Modeling reproductive success of long-spurred Angraecoid orchids
11.55am-12.20pm	Carlos Martel*	Symposium "Orchid flowers: their pollination, ecology and evolution"	The pollination mechanisms and their evolution in <i>Telipogon</i> orchids: from deception to honesty
12.20pm-2.00pm	Lunch Break		
2.00pm-2.25pm	Nicolás Rengifo*, Adam Karremans, Paul Hanson, Mauricio Fernández Otárola	Symposium "Orchid flowers: their pollination, ecology and evolution"	Disentangling the orchid-Euglossini interaction networks in the tropical forest in Costa Rica
2.25pm-2.50pm	Santiago Ramírez	Symposium "Orchid flowers: their pollination, ecology and evolution"	Floral scent regulates fine-scale niche partitioning of bee pollinators and reproductive isolation among sympatric <i>Gongora</i> orchids
2.50pm-3.15pm	Jasen Liu*, Paulo Milet- Pinheiro, Günter Gerlach, Carlos Nunes, Isabel Alves- dos Santos, Santiago Ramírez	Symposium "Orchid flowers: their pollination, ecology and evolution"	Macroevolution of floral scent chemistry across radiations of male euglossine bee-pollinated plants
3.15pm-3.40pm	Brandon E. Gutiérrez- Rodríguez*, Victoria Sosa*	Symposium "Orchid flowers: their pollination, ecology and evolution"	Areas of endemism of the orchids of Megamexico: hotspots of biotic interactions with pollinators
3.40pm-4.10pm	Coffee Break		
4.10pm-5.00pm	Closing Ceremony at Conference Center		

Session Date		Friday March 15th, 2024	
Room		Guanacaste 2	
Presenter start time	Presenter name	Type of Participation	Talk title
9.00am-9.45am	James D. Ackerman	Keynote Talk	How to make a species rich family

9.45am-10.15am			Coffee Break
10.15am-10.40am	Paul M. Peterson*, T.J. Gallaher, R.J. Soreng, F.O. Zizka, D. Zili	Talk	Biogeography and classification of the grasses (Poaceae)
10.40am-11.05am	George Burton*, Maria Bat Vorontsova, Tiziana Ulian	Talk	Reconciling anthropology and genetics in agricultural research for the West African millet Fonio
11.05am-11.30am	Ximena Londoño*	Talk	Comprehensive management in El Paraíso del Bambú y la Guadua: education, science and innovation
11.30am-11.55am	Iris Saldívar*, Marvin Tórriz	Talk	The genus <i>Rhipidocladum</i> , observations on the establishment and prevalence in fragmented landscapes of dry and montane forests in the departments of Manizales
11.55am-12.20pm	Jing-Xia Liu*, Cen Guo, Peng-Fei Ma, Meng-Yuan Zhou, Ya	Talk	The origin and evolution of the paleotropical woody bamboos (Poaceae: Bambusoideae)
12.20pm-2.00pm			Lunch Break
2.00pm-2.25pm	Reyjane P. Oliveira*, Iasmin Laiane C. Oliveira, Maria Luiza S. Carvalho, Fabrício M. Ferreira, Cassiano A.D. Welker, João P. S. Vieira, Marcos C. Dórea, Alessandra S. Schnadelbach, Lynn G. Clark	Symposium "New Insights into Neotropical Bamboo Biodiversity"	Molecular Systematics of the non-woody bamboos (Poaceae: Bambusoideae: Olyreae) and its taxonomic implications
2.25pm-2.50pm	Eduardo Ruiz-Sanchez*, María de la Luz Pérez-García, Jessica Perez-Alquicira, Yessica Rico, Ofelia Vargas-Ponce, Lia Monti	Symposium "New Insights into Neotropical Bamboo Biodiversity"	Population genetics of two American species of <i>Guadua</i> (Poaceae: Bambusoideae: Guaduinae)
2.50pm-3.15pm	Christopher Tyrrell*	Symposium "New Insights into Neotropical Bamboo Biodiversity"	American Bamboos, a new resource for identification of bamboo biodiversity in the Americas
3.15pm-3.40pm			Empty
3.40pm-4.10pm			Coffee Break
4.10pm-5.00pm			Closing Ceremony at Conference Center