



Board Report March 2018 Conference Overview

Participating Societies

- Botanical Society of America
- American Society of Plant Taxonomists
- American Fern Society
- Society of Herbarium Curators
- Canadian Botanical Association/L'Association Botanique du Canada Facebook Page
- International Association of Plant Taxonomists

Abstract Submissions

Oral and Poster Presentations Abstract Site opened in February - Deadline April 3

Recent Topics and Lightening talks will open in early June

Featured Speakers

- Plenary Lecturer - **Walter Judd** - World-renowned expert on flowering plant taxonomy and tropical botany and author of the new book Flora of Middle Earth
- Botanical Society of America's 2016 Emerging Leader Special Lecture - **Benjamin Blackman**
- Regional Botany Special Lecture - **George Weiblen** - Minnesota natural history: Pretty good, not bad, or just different?
- Annals of Botany Special Lecture - **Elena Conti** - Intrinsic and extrinsic drivers of diversification: linking pattern with process
- ASPT Incoming President Talk - **Mark Fishbein**
- Enhancing Scientist Diversity in Plant Biology Luncheon - **Bryan Dewsbury**
- Kaplan Memorial Lecture - **Elizabeth (Toby) Kellogg**
- Incoming BSA President Talk - **Andrea Wolfe**

Workshops

Full Day

- RevBayes Tutorial: An introduction to Bayesian inference in Phylogenetics
Presented by: Rosana Zenil-Ferguson, Will Freyman and Jordan Koch
- Introduction to Next Generation Sequencing
Presented by: Shannon Straub, Julien Boutte, Donovan Bailey, Mark Fishbein and Aaron Liston
- Using Digitized Herbarium Data in Research: Applications for Ecology, Phylogenetics, and Biogeography
Presented by: Pamela Soltis

Half Day Morning - 8:00 am - 12:00 pm

- Machine learning with R for botanists
Presented by: Alexey Shipunov

- SimRiver: Environmental Modeling Software for the Science Classroom
Presented by: Matthew Julius
- PlantingScience Mentor Workshop
Presented by: Catrina Adams and Jodi Creasap-Gee

Half Day Afternoon - 1:00 pm - 5:00 pm

- PUI (Primarily Undergraduate Institution) Plant Network Professional Development Power Hour
Presented by: Rachel Schmidt Jabaily, Margaret Hanes, Michael Moore, Mackenzie Taylor, Chris Martine, and Sarah Johnson
- WS 8 Transcriptome analyses for non-model plants: phylogenomics and more
Presented by: Stephen Smith, Diego Morales-Briones, Ya Yang, James Pease and Ning Wang
- WS 9 - Using Our Science to Inform Public Policy
Presented by: Ingrid Jordon-Thaden, Krissa Ann Skogen and L.K. Tuominen

2 Hour Afternoon - 1:00 pm - 3:00 pm

- Using the Cornell University Plant Anatomy Collection (CUPAC) and the Cornell University Paleobotanical Slide Collection - (CUPC-slide Collection for teaching and research)
Presented by: Maria Gandolfo and Kevin Nixon
- Tips for Success: Applying to Graduate School
Presented by Anna Monfils

2 Hour Afternoon - 3:10 pm - 5:15 pm

- **The Elevator Speech: Crafting an Effective Pitch that Highlights your Research and Illustrates the Broader Impacts (A Workshop for Students and PostDocs)**
Presented by: James Mc Daniel and Chelsea Pretz

Ticketed events

- All Society Mixer
- Undergraduate Reception
- Cornell Botanists and Friends Breakfast
- Michigan Consortium of Botanists Breakfast
- American Fern Society Luncheon
- Careers in Botany: Interactive Career Panel and Lunch
- California Botanists Brown Bag Luncheon
- PlantingScience Reception
- Paleobotanical Section Banquet
- Student Social and Networking Event Tuesday
- University of Connecticut Alumni and Friends Breakfast
- Enhancing Scientist Diversity in Plant Biology Luncheon
- Kaplan Memorial Lecture Fund Cocktail Reception
- Ohio State University Reception
- LBGT and Friends Reception
- American Society of Plant Taxonomists Mixer and Banquet
- CBA/ABC Banquet and Awards Reception
- University of Wisconsin Alumni and Friends Breakfast
- The Miami University of Ohio Breakfast
- NSF Brown Bag Information Session
- All Society Celebrate!

In addition – as an enhancement – the Artisan Extravaganza! during the poster session as last year

Field Trips Friday

- Friday Overnight and Saturday Fern Foray - 2 Part trip

Saturday

- Big Woods and Cannon River Kayaking
- Sedge workshop at Whitewater Wildlife Management Area
- Weaver Dunes sand prairie and Weaver Bottoms marshes canoe trip
- Fire and Ice: Glacial Relicts to Fire-Dependent Plant Communities at Whitewater State Park and Great River Bluffs State Park

Sunday

- Minnesota Landscape Arboretum & Paisley Park
- New Bell Museum & St. Paul Brewery
- Microhabitat Extremes at Forestville/Mystery Cave State Park
- Whitewater State Park- hiking through an excellent example of the unglaciated Driftless Area

Thursday

- North Fork Whitewater River
- Big Woods and Cannon River Kayaking

Symposia - Schedule TBD

- Tools, Standards, Techniques, and Methods for Using Herbarium Specimens in Phenological Research
Organizer: Gil Nelson
Florida State University/iDigBio
Co-Organizers: Pam Soltis (University of Florida, Florida Museum of Natural History), Libby Ellwood (La Brea Tar Pits and Museum), and Jenn Yost (CalPoly)
- Evolution of Plant Chemical Diversity: Renaissance of comparative biochemistry
Organizer: J. Chris Pires
University of Missouri
Co-Organizer: Stacey Smith, University of Colorado, Boulder
- Evolution, ecology, development, and conservation of carnivorous plants – Part I
Organizer: Tanya Renner
The Pennsylvania State University
Co-Organizers: Thomas J. Givnish (University of Wisconsin-Madison), Robert Naczi (New York Botanical Garden)
- Phylogeny and evolution of angiosperms in the era of next generation sequencing
Organizer: Hong Ma
The Pennsylvania State University
Co-Organizer(s): Doug Soltis (University of Florida, Florida Museum of Natural History), Pam Soltis (University of Florida, Florida Museum of Natural History), Jim Leebens-Mack (University of Georgia)
- The Future of Digital Projects for Research & Teaching in Botany
Organizer: Jason Przybylski, JSTOR
Co-Organizer: Deirdre Ryan, JSTOR
- Trail Blazing Women as botanical artists in the 19th and 20th century
Organizer: Nuala Caomhanach
Co-Organizer: Susan Holland (Editor, Region One - The Daylily Pioneer)

βColloquia - Schedule TBD

- Ericaceae: Systematics, Ecology and Evolution
Organizers: Caroline Puente-Lelievre, US Food and Drug Administration; Valerie Soza, University of Washington; Benjamin C. M. Potter, University of Auckland
- The flora of Madagascar: uncovering mechanisms for diversification
Organizer: Margaret Hanes, Eastern Michigan University
- Biology of Isoetales, a colloquium in honor of Dr. W. Carl Taylor
Organizers: Alejandra Vasco, Botanical Research Institute of Texas; James E. Watkins, Colgate University; Robbin C. Moran, The New York Botanical Garden
- Applications of Plant Genomics
Organizers: Caroline Puente-Lelievre and Sara Handy, US Food and Drug Administration
- Revolutionizing systematics: Herbaria in the Genomics Age
Organizers: Michael R McKain, The University of Alabama; Laura Lagomarsino, Louisiana State University
- Plants at the Cretaceous-Paleogene boundary
Organizers: Nathan A Jud and Alejandra Gandolfo, Cornell University
- Pacific Biogeography
Organizers: Benjamin Potter, University of Auckland; Marc Appelhans, University of Goettingen; Warren Wagner, Smithsonian Institution
- A synthesis of new paleontological and phylogenomic perspectives on gymnosperm evolution
Organizers: Nathalie Nagalingum, Cal Academy; Gordon Burleigh, University of Florida
- Evolutionary History, Biogeography, and Floral Morphometrics of Salvia (Lamiaceae)
Organizers: Bryan T Drew, University of Nebraska-Kearney; Ken Sytsma and Ricardo Kriebel, University of Wisconsin
- Fossil plants at the intersection of evo-devo and phylogeny: celebrating the contributions of Gar W. Rothwell to biodiversity and evolution
Organizer: Alexandru Mihail Tomescu, Humboldt State University
- Evolution, ecology, development, and conservation of carnivorous plants - Part II
Organizers: Tanya Renner, The Pennsylvania State University; Tom Givnish, UW-Madison; Rob Naczi, The New York Botanical Garden
- 100 years of Baileyan Trends – Wood Evolution, Function and Future
Organizers: Cynthia Jones, University of Connecticut; Elizabeth Wheeler, North Carolina State University; Pieter Baas, Herbarium Division, Leiden
- Botanical foundations for perennial agriculture: Evolution and ecology of perennial herbaceous plants
Organizers: Sterling Herron, Claudia Ciotir, and Allison Miller, Saint Louis University

We are also working on:

- a Code of Conduct document to be shared with our participating societies for their input.
- Making sure the conference data as collected is protected and secure according to the new GDPR