



**PROGRAM**  
**Paleobotanical Colloquium**  
**40th MPC, Gainesville, Florida**  
**April 21-23, 2023**

**Friday April 21**

**10:00 am to 3:00 pm. Open House.** Paleobotany Lab [Dickinson 210] and collection [Dickinson 237] open for visitors. Check in at front desk and receptionist will let us know to meet and escort you beyond the locked doors to the paleobotany quarters.

**Anytime.** Onsite registration [name badges; abstract booklet; cash/check payments for non-student attendees; receipts issued by Terry Lott or Hongshan Wang]

**Noon special seminar.** Karl Niklas, Liberty Hyde Bailey Professor Emeritus in the Section of Plant Biology, School of Integrative Plant Science, at Cornell University, will present a talk entitled, The Evo-Devo of Multicellularity. Dickinson Hall Room 371.

**3:00 pm.** Florida Museum **Department of Natural History Seminar.** Invited Speaker: **Kelly Matsunaga**, University of Kansas--Fossil palm reading: fruits reveal the deep roots of palm diversity. Dickinson Hall Room 371.

**4:00-5:00 pm.** Post-seminar "Zoocial" Lab and collection open for visiting.

**4:30 pm.** Van rides to hotels.

**6:00-6:20 pm.** Van shuttles from hotels to dinner venue.

**6:30 pm.** Dinner at Bivens North Condo Clubhouse at Bivens Lake. Food from Sonny's Barbeque--a southern chain of restaurants which started in Gainesville. Vegetarian alternatives will be provided.

**7:30 pm.** Presentation by Ed Stanley: Digitization, Dissemination and Democratization of Natural History Collections.

## **Saturday April 22**

**7:30-8:45 am.** Coffee, pastry, Frazier Rogers Hall 129 [Poster set-up]

**8:30-9:15.** Onsite registration continues [name badges; payments; receipts]

### **Morning Presentations**

**9:00-9:15.** Welcome

**Judy Skog, President AIBS, presiding**

**9:15-9:30.** Fabiany Herrera: Investigating Mazon Creek fossil plants using computed tomography and microphotography.

**9:30-9:45.** Xiaoqing Zhang. Estimates of the late Early Cretaceous atmospheric CO<sub>2</sub> based on stomatal and isotopic analysis of *Pseudotorellia* from Mongolia.

**9:45-10:00.** Peter Crane. A new look at '*Laurus*' *macrocarpa* Lesquereux from the mid-Cretaceous (Cenomanian) Dakota Formation.

**Coffee Break.**

**Patrick Herendeen, Chicago Botanic Garden, Presiding**

**10:30.** Stephanie Zaborac-Reed. Filling in the gaps: Evaluating a Miocene flora near Anchor Point, Kenai Lowland, Alaska

**10:45.** Zuzana Heřmanová. Late Cretaceous Normapolles plants from the Czech Republic.

**11:00.** Min Deng. Biogeographic implications of Cenozoic European hickory nuts of *Carya ventricosa* and *C. hauffei*.

**11:15.** Kathleen Pigg. Stories from Republic: what Eocene plants can tell us.

**11:30.** Andy Simpson. Announcement.

**11:35. Group Photo, Dickinson Hall courtyard.**

**11:45-1:30. Lunch.** On your own. Recommended: The Eatery at Broward Hall [\$10.70 flat rate per person; Walking distance from Frazier-Rogers Hall; includes vegetarian and "Pure Eats" antiallergenic stations]

**Saturday 1:30- 2:15. Poster Session:**

Mikayla Agbamuche. Further identification of disarticulated prickles of *Rosa* and *Rubus* using geometric morphometrics, and their utility in identifying fossil specimens.

Ashley Hamersma. Oligocene palm fruits of west coastal Peru.

Shandana Karumanchi. Characterization of a flower of fossil genus *Sahnianthus*, from the Latest Cretaceous of India by micro-CT and cladistic analysis of placement in Lythraceae.

Diamond Kinard. A rare and distinctive angiosperm leaf type with winged rachis from the Eocene Clarno Formation of Oregon.

Paige Liston. Is the diversification of Paullinieae (Sapindaceae) the result of adaptive radiation?

Ian Spendlove. Palynomorph Analysis of the P-40 Locality of the Lake Clarkia Fossil Beds, Miocene of Idaho.

Tengxiang Wang. Fossil leaves of *Pterospermum* (Malvaceae) from the early Miocene of Jungu, Yunnan Province with their paleoecological and phytogeographical implications.

**Afternoon presentations.**

**Andy Simpson, Presiding**

2:15-2:30 MacKenzie Smith. Warmer temperature estimate for the Eocene Clarno Nut Beds of Oregon.

2:30-2:45 Elizabeth Wilson. The flora of the Dennis Formation, Missouri.

2:45-3:00 Indah Huegele. Uncovering the reproductive morphology of *Ettingshausenia* (Platanaceae) from the Czech Republic.

3:00-3:15 Jenn Wagner. Revisiting the Eocene flora from the Claiborne Group in western Kentucky, USA.

3:15-3:30 Debra Stults. Passion fruit seeds, one from the Oligocene of Mississippi and one from the Pleistocene of Alabama.

**Late afternoon**—McCarty woods local flora. North across the street from Dickinson Hall. Led by Lucas Majure and Doug Soltis.

**5:00** Transport to hotels. 6:10, Pickup from hotels.

**6:30 Evening. Banquet.** Dickinson Hall 371 [Seminar/Classroom] Food catered from Mia Apá –a taste of Cuba.

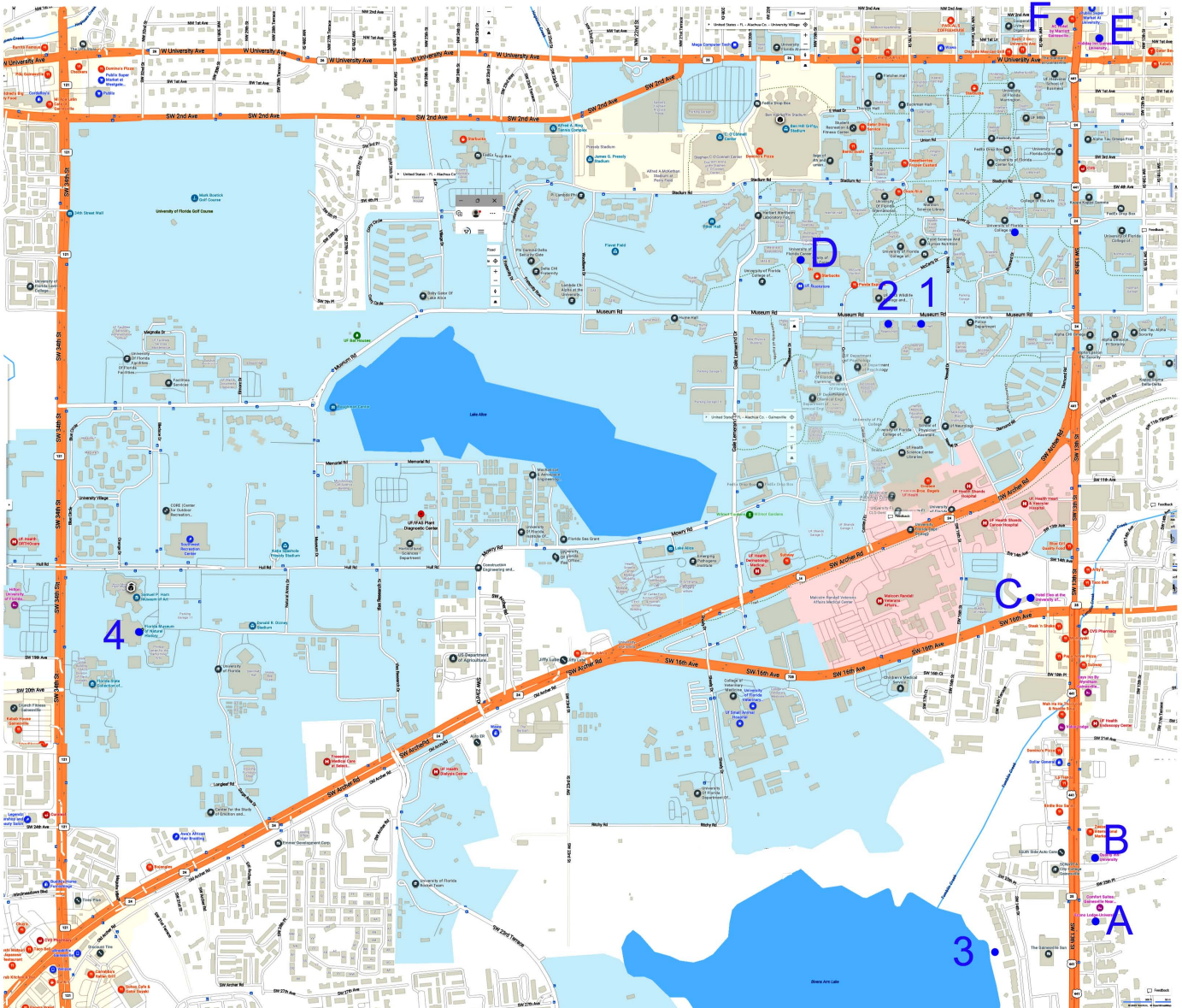
**7:30** Keynote speaker: Kelly Matsunaga. “Cone-templating 70 years of the Florin model.”

**8:30ish** Invitation and details on forthcoming 2024 MPC meeting: Fabiany Herrera.

### **Sunday April 23. Botanizing Field trips**

Check out of hotels, if departing today. Prearrange van pickups for field trips.

**We are planning the morning trip to Devils Millhopper Sinkhole (northwest edge of Gainesville), with separate vehicles available for airport runs. For those with the option to stay longer we are arranging-visits to other natural areas in late morning and afternoon with options for additional airport runs.**



University of Florida Campus indicated in light green: 

### Venues

1. Dickinson Hall--Florida Museum of Natural History-Research & Collections
2. Frazier Rogers Hall. Saturday sessions
3. Bivens North Condo Lake house. Friday reception, dinner
4. Powell Hall--Florida Museum of Natural History--Exhibits

### Nearby Lodging

- A. Econolodge University
- B. Quality Inn University
- C. Hotel Eleo
- D. Reitz Union Campus Hotel
- E. Holiday Inn University
- F. A.C. Hotel Marriott

