
Center for Systematic Entomology

Annual Conference and Meeting

February 15th, 2025 • 9:00 am – 6:00 pm (ET)

McGuire Center for Lepidoptera and Biodiversity
3215 Hull Road, Gainesville (USA)

About us

For over 35 years, the **Center for Systematic Entomology** (CSE) has been a driving force in advancing arthropod systematics. As a non-profit organization, our mission is to support research, education, and collaboration in systematics across its broadest scope.

The CSE has played a pivotal role in supporting the **Florida State Collection of Arthropods** (FSCA). Through initiatives like the *Peck Fund*, we offer opportunities for travel grants to the FSCA to further insect systematics and foster partnerships that strengthen our collective impact.

As part of its commitment to advancing arthropod systematics, CSE publishes *Insecta Mundi*, a peer-reviewed journal dedicated to arthropod systematics, and the *Memoirs Series*, for larger contributions. One key benefit of the CSE membership is the opportunity to publish in the journal without incurring page charges.

By joining the CSE, you actively support the FSCA and its systematics initiatives while becoming part of a passionate community dedicated to advancing entomological research.

Officers

President: Davide Dal Pos (2024)

Vice President: Felipe Soto-Adames (2024)

Treasurer: Paul Skelley (2024, interim)

Secretary: Gary Steck (2024-2026)

Chief Editor, *Insecta Mundi*: David Plotkin (2015-)

Assistant Editor, *Insecta Mundi*: Paul E. Skelley (2015-)

Head Layout Editor, *Insecta Mundi*: Robert Forsyth (2017-)

Webmaster: Eugenio H. Nearn (2007-)

Gifts, Grants and Endowments (GGE) Committee members:

Sandor Kelly (Chair), Felipe Soto-Adames & Davide Dal Pos

Present Board Members

2025–2027: Alexander Orfinger, David Plotkin, Emily Roeder, Felipe Soto-Adames

2024–2026: Gary J. Steck, Alessandra Pandolfi, David Serrano, Sandor Kelly

2023–2025: Kyle Schnepf, Davide Dal Pos, Erin Powell, Oliver Keller (2023), Paul Skelley (2024–2025)

CSE Website: <http://centerforsystematicentomology.org/>

Journal contact: insectamundi@gmail.com

2025 CSE Annual Conference & Meeting

Organizers & Contributors

Program organizer: Alessandra Pandolfi

Program Layout: Davide Dal Pos & Alessandra Pandolfi

Logistics Coordinator: Julieta Brambila

Technical Support: David Plotnick

Event photographer: Julieta Brambila

Moderators: Davide Dal Pos & Alessandra Pandolfi

Certificates of Presentation and Attendance

Presenters can request a certificate of presentation or attendance starting Monday, February 17th, by contacting Alessandra Pandolfi at pndalessandra@gmail.com

Code of Conduct

The CSE is dedicated to creating an inclusive, respectful, and engaging atmosphere where all attendees feel valued and supported. We encourage open and constructive communication with participants ensuring equitable opportunities for discussion, honoring time limits during presentations, and fostering connections with both new and returning members. All attendees are expected to maintain the integrity of the conference venue and associated spaces. Should you observe any behavior or language that is unprofessional or inappropriate, please bring it to the attention of the individual involved or notify the conference organizers promptly.

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Join us Become a member!

Become a member of the *Center for Systematic Entomology* (CSE) for only \$40 annually, and help fund key initiatives at the *Florida State Collection of Arthropods* (FSCA) and CSE. Membership benefits include access to the *Insecta Mundi* journal with the ability to publish your work free of page charges. Members also receive timely email updates when new articles are released, along with links to downloadable PDFs.

Scan me!



You can also join us by visiting the membership page in our website:

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Journal contact: insectamundi@gmail.com

Schedule at a glance

08:30 am	•	Presentation upload & Badge pick-up
09:00 am	•	Opening, Introduction, Instructions
09:05 am	•	Morning - Section 1
10:20 am	•	<i>Coffee Break</i>
10:35 am	•	Morning - Section 2
12:00 pm	•	Lunch & Poster Session
01:00 pm	•	Afternoon - Section 1
02:15 pm	•	<i>Coffee Break</i>
02:30 pm	•	Afternoon - Section 2
03:45 pm	•	<i>Coffee Break</i>
04:00 pm	•	Afternoon - Section 3
05:00 pm	•	Closing, Remarks & Announcements
05:15 pm	•	CSE Annual Business Meeting
07:00 pm	•	<i>Dinner at Bahama Breeze Restaurant</i>

Program

08:30 am. *Badge Pick-Up, and Presentation Upload*

09:00 am. *Opening, Introduction, and Instructions*

09:05 am. **Monsoon Tea's initiative: developing a biodiversity research platform in Thailand** [Zoom live]

Alexey Reshchikov

University of Hong Kong, Hong Kong – China

09:20 am. **Syrphidae (Diptera) taxonomy: old problems, new solutions?** [Zoom live]

Daniele Sommaggio^{1,2} & Davide Dal Pos³

¹*University of Modena and Reggio Emilia, Modena – Italy*

²*NBFC, National Biodiversity Future Center, Palermo – Italy*

³*University of Central Florida, Orlando, FL – USA*

09:35 am. **Monotypic taxa, cryptic speciation, and their crucial role in shaping insect biodiversity and conservation**

Jose I. Martinez

Florida Department of Agriculture and Consumer Services, Gainesville, FL – USA

09:50 am. **Adventive arthropods in Florida as reported by the Florida Department of Agriculture and Consumer Services, Division of Plant Industry, 1990–2023**

Paul E. Skelley¹; E.A. Buss¹; J. Allen¹; Samuel Bolton¹; Lily Deeter¹; J.C. Fulton¹; D. Greer¹; S.E. Halbert¹; James Hayden¹; **Matthew R. Moore**¹; C.E. Nance¹; Erin C. Powell¹; Gareth S. Powell¹; Eric J. Rodriguez¹; E. Roeder¹; Kyle E. Schnepf¹; Felipe N. Soto-Adames¹; Gary J. Steck¹; Elijah J. Talamas¹ & T.R. Smith¹

¹*Florida Department of Agriculture and Consumer Services, Division of Plant Industry, Gainesville, FL – USA*

10:05 am. ***Amrasca biguttula*, a new pest in Florida**

Susan Halbert¹; Mary Yong Cong¹; Carly Dodgen¹; Julia Laur¹; Matthew Moore¹; Amy Roda²; Douglas Restom-Gaskill²; Scott Weihman²; Robert Leahy¹ & Felipe Soto-Adames¹

¹*Florida Department of Agriculture and Consumer Services, Division of Plant Industry, Gainesville, FL – USA*

²*USDA, APHIS, PPQ – USA*

10:20 am. *Coffee break*

- 10:35 am. **Taxonomic review and phylogenetic analysis of *Microcharops* Roman, 1910 (Hymenoptera: Ichneumonidae: Campopleginae)** [Zoom recorded]
Alvaro Doria dos Santos¹; Carlos Roberto Ferreira Brandão² & Helena Carolina Onody³
¹*Universidade Federal do Tocantins, Tocantins – Brazil*
²*Universidade de São Paulo, São Paulo – Brazil*
³*Universidade Estadual do Piauí, Piauí – Brazil*
- 10:50 am. **Transposable element repertoire of Braconidae (Hymenoptera : Ichneumonoidea) and its potential phylogenetic underpinnings**
Rachel Behm¹ & Barbara J. Sharanowski¹
¹*University of Central Florida, Orlando, FL – USA*
- 11:05 am. **Turning over a new leaf: a survey of neotropical parasitoid Hymenoptera in leaf litter**
Robin P. Marquez¹; Diler Haji²; Elijah Talamas³; Michael Gates⁴; Robert Kula⁴; Ted R. Schult⁴; Matthew L. Buffington⁴; Jeffrey Sosa-Calvo⁵ & Robert L. Kresslein⁴
¹*University of Central Florida, Orlando, FL – USA*
²*Department of Integrative Biology, University of California, Berkeley – USA*
³*FSCA, Gainesville, FL – USA*
⁴*USDA Systematic Entomology Lab, Washington, DC – USA*
⁵*Department of Entomology, Smithsonian Institution, Washington, DC – USA*
- 11:20 am. **Type imaging of Phytoseiidae (Arachnida: Parasitiformes) at the Florida State Collection of Arthropods**
Isabelle Atchia¹; Jude Gasparro-Brewer¹ & Samuel Bolton¹
¹*Florida State Collection of Arthropods, Division of Plant Industry, Florida Department of Agriculture and Consumer Services, Gainesville, FL – USA*
- 11:35 am. **Perspectives on TaxonWorks intersection with biological systematics** [Zoom live]
Matt Yoder
INHS, PRI, University of Illinois, PRI, INHS, Species File Group – USA
- 12:00 am. **Lunch & Poster session** · Posters are listed at the end of the program
- 01:00 pm. **Insects of the Presidential Range in New Hampshire. Why are they so interesting for the eastern United States?** [Zoom live]
Donald S. Chandler
University of New Hampshire, Durham, NH – USA

01:15 pm. **The cosmopolitan genus *Psylliodes* Latreille in the New World: new species, records, and plant lists**

R. Wills Flowers

Florida A&M University, Tallahassee FL – USA

01:30 pm. **Meessiidae, a unexpectedly diverse taxon with a pivotal phylogenetic position (Lepidoptera)**

James Hayden¹ & Sidney Bennett¹

¹*Florida Department of Agriculture and Consumer Services Division of Plant Industry (FDACS-DPI), Gainesville, FL – USA*

01:45 pm. **Phylogenetic implications of the metasoma in Platygastroidea**

Monique Raymond¹ & István Mikó²

¹*University of Florida, Gainesville, FL – USA*

²*University of New Hampshire, Durham, NH – USA*

02:00 pm. **A host driven parasitoid syndrome: convergent evolution of multiple traits associated with woodboring hosts in Ichneumonidae (Hymenoptera, Ichneumonoidea)**

Davide Dal Pos¹ & Barbara Sharanowski¹

¹*University of Central Florida, Orlando, FL – USA*

02:15 pm. **Coffee break**

02:30 pm. **Get the most out of your museum: Mapping the distribution of the jewel beetles in Idaho** [Zoom live]

Luc Leblanc¹ & Emma Eakins¹

¹*University of Idaho, Department of Entomology, Plant Pathology and Nematology, Moscow, Idaho – USA*

02:45 pm. ***Platygaster* and the Holy Grail**

Jessica Awad¹; Francesco Tortorici² & Elijah Talamas³

¹*State Museum of Natural History Stuttgart, Stuttgart – Germany*

²*University of Turin, Turin – Italy*

³*FDACS-DPI, Gainesville, FL – USA*

03:00 pm. **A minute hunt across the globe: The search for *Orasema minutissima* (Hymenoptera: Eucharitidae) in Florida**

David Serrano¹; Ashley Bui² & John Heraty²

¹*Broward College, Davie, FL – USA*

²*University of California Riverside, Riverside, CA – USA*

03:15 pm. **Urban vs natural: A case study of arthropod assemblages in the Orlando metro area**

Jack Grady¹; David G. Jenkins¹ & Alessandra Pandolfi¹

¹*University of Central Florida, Orlando, FL – USA*

03:30 pm. **Case studies of the caddisfly (Trichoptera) Linnean shortfall** [Zoom live]

Alexander B. Orfinger

Dalton State College, Dalton, GA – USA

03:45 pm. **Coffee break**

04:00 pm. **From taxonomy to behavior, stories of tiny specialist beetles**

Ethan R. Wright¹; Andrew M. Johnston² & Christina L. Kwapich¹

¹*University of Central Florida, Orlando, FL – USA*

²*Purdue University, West Lafayette, IN – USA*

04:15 pm. **A taxonomic checklist of Platypodinae: building the digital infrastructure for revisionary systematics**

Andrew J. Johnson

University of Florida, Gainesville FL – USA

04:30 pm. **A new grass-infesting felt scale insect (Hemiptera: Eriococcidae)**

Lily Deeter¹; Erin Powell¹ & Dug Miller²

¹*Florida Department of Agriculture and Consumer Services Division of Plant Industry (FDACS-DPI), Florida State Collection of Arthropods, Gainesville, FL – USA*

²*Systematic Entomology Laboratory, Agricultural Research Service, USDA, Beltsville, MD – USA*

04:45 pm. **Adventive thrips of Florida detected 2000 to 2024: origin, distribution and pest status**

Felipe Soto-Adames¹; Kathryn Daly¹; Dale Traficante² & Isabelle Atchia¹

¹*Florida State Collection of Arthropods, Division of Plant Industry, Florida Department of Agriculture and Consumer Services, Gainesville, FL – USA*

²*Department of Entomology, Purdue University, West Lafayette, IN – USA*

POSTER. Chilean Darwin Wasps (Ichneumonidae): Biogeographic relationships and distribution patterns

Rodrigo de Oliveira Araujo¹; Diego Galvao de Pádua¹; Andrés Moreira-Muñoz² & Vanezza Morales-Fierro^{3,4}

¹*Laboratorio de Entomología General y Aplicada, Centro de Investigación de Estudios Avanzados del Maule, Universidad Católica del Maule, Talca – Chile*

²*Instituto de Geografía, Pontificia Universidad Católica de Valparaíso, Valparaíso – Chile*

³*Herbario EIF & Laboratorio de Evolución y Sistemática, Facultad de Ciencias Forestales y de la Conservación de la Naturaleza, Universidad de Chile, Santiago – Chile*

⁴*Museo Nacional de Historia Natural, Santiago – Chile*

05:00 pm. ***Closing Remarks & Announcements***

05:05 pm. ***Coffee break***

05:15 pm. ***Business Meeting***

07:00 pm. ***Dinner*** · Bahama Breeze Restaurant, 3989 Plaza Blvd, Gainesville, FL 32608