



Edited by Jennifer R. Mandel

TICA Talks is one of the highlights of our community. Monthly, we come together to hear from a range of experts on Compositae from morphology to development, systematics and genomics. If you missed one, you can catch up on our YouTube channel: <https://www.youtube.com/@theinternationalcompositae2637/featured>

TICA Talks 2025 kicked off in February with talks from Jennifer Mandel (University of Memphis, USA) and Mauricio Bonifacino (Universidad de la República, Uruguay) who introduced TICA, provided a brief history, and discussed its current and past progress.

In March, we heard from Reid Selby (Clemson University, USA), discussing work on developmental transitions in lettuce, and Yannick Woudstra (Stockholm University, Sweden) sharing about urban ecology in dandelions.

April brought us Carme Blanco Gavalda (Autonomous University of Barcelona, Spain) presented the HAP clade in tribe Gnaphalieae, and Paige Ellestad (University of Memphis, USA) discussed discordance and hybridization events at the base of the family. Isaac Lichter Marck (California Academy of the Sciences, USA) introduced a new species from Big Bend National Park in Texas (USA) that made national news in the US (see article this issue).

In May, Peter Innes (University of Colorado, Boulder, USA), presented work on the regulation of gene expression in Great Sand Dunes prairie sunflowers, and Anthony Melton (University of Montevallo, USA) updated us on *Artemisia tridentata* subsp. *tridentata* genomics.

June's talks were Lucía D. Moreyra (Botanical Institute of Barcelona, Spain), who presented their work on the origin and diversification of *Cirsium*, Brannan Cliver (Clemson University, USA) shared genome and

morphology work on Hawaiian *Bidens*, and Vinicius Bueno (Universidade Federal de Uberlândia, Brazil), presented on tribe Neurolaeneae.

In July, we host Jaydeep Sharma (The Maharaja Sayajirao University of Baroda, India), who presented their work on Gujarat composites, and Erika Moore-Pollard (University of Memphis, USA) who introduced a draft genome assembly for Barnadesieae.

August highlighted Island Biogeography, featuring two talks on evolutionary patterns and plant diversity in island systems. Our speakers were Lizzie Roebble (Naturalis Biodiversity Center & University of Groningen, Netherlands; University of Hawaii, USA), who presented on Hawaiian Compositae taxa, and Bruce Baldwin (University of California, Berkeley, USA) who presented on the phylogenomics of the silversword alliance.

In September, we followed the theme of Development, featuring two talks on floral head development in Compositae. Our speakers included Jakub Baczyński (University of Warsaw, Poland), who told us about secondary heads, and Paula Elomaa (University of Helsinki, Finland) who spoke on the evolution of capitula.

Finally, October featured three talks by Mariana Grossi (Museo de La Plata, Argentina) on reproductive traits in Eupatorieae (talk in Spanish), Benoit Loeuille (Royal Botanic Gardens, Kew, UK), on the Compositae in Flora Zambesiaca, and Jairo Patiño (Island Ecology and Evolution Research Group (GEEI), Institute of Natural Products and Agrobiology, Spanish National Research Council (IPNA-CSIC), Tenerife, Spain), on oceanic island Compositae evolution.

If you are interested in giving a TICA Talk, contact Dr. Colin Hoag: choag@smith.edu.



TICA TALKERS.

A. Jennifer Mandel & Mauricio Bonifacino. **B.** Reid Selby. **C.** Yannick Woudstra. **D.** Carme Blanco Gavaldá. **E.** Paige Ellestad. **F.** Isaac Lichter Mark. **G.** Peter Innes. **H.** Anthony Melton. **I.** Lucía Moreyra. **J.** Brannan Cliver. **K.** Vinicius Bueno. **L.** Jaydeep Sharma. **M.** Erika Moore-Pollard. **N.** Lizzie Roeble. **O.** Bruce Baldwin. **P.** Jakub Baczyński. **Q.** Paula Elomaa. **R.** Benoit Loeuille. **S.** Jairo Patiño.