

# TICATIMES

selected Compositae news and updates from  
THE INTERNATIONAL COMPOSITAE ALLIANCE

*Edited by Jennifer R. Mandel*

**JULY 2024**

## TICA HOSTS SYMPOSIUM AT XX INTERNATIONAL BOTANICAL CONGRESS IN MADRID, JULY 2024



“Synantherology reloaded: Recent advances and the future of evolutionary studies in Compositae” was co-organized by Jennifer Mandel (University of Memphis, USA) Mauricio Bonifacino (Universidad de la República, Uruguay) and featured two sessions with 12 presentations. The symposium highlighted the impact that technological advances in high-throughput sequencing, large-scale phylogenomics, and improved database infrastructure have had on our understanding of the biogeography, systematics, and evolution of the world’s largest flowering plant family. The symposium brought together speakers from across career stages and the globe and who presented findings from the past decade including how new data have led to changes in major classification, systematics, biogeography, anatomy, and more in the genus we all love.

*Magno amore in familiam Synantherearum captus  
(Lessing 1829)*

### SPEAKERS AT TICA SYMPOSIUM:

#### **Dancing with Thistles**

Alfonso Susanna, Instituto Botánico de Barcelona, Spain

#### **An updated subtribal classification of Compositae tribe Anthemideae based on extended phylogenetic reconstructions**

Christoph Oberprieler, University of Regensburg, Germany

#### **Exploring the Future of Compositae: Advances in Genomics,**

Transcriptomics, and Functional Genetics  
Jennifer Mandel, University of Memphis, USA

#### **Anatomy of Asteraceae: Methodological advances for an old science**

Makeli Garibotti Lusa, Universidade Federal de Santa Catarina, Brazil

#### **The Compositae in the Plant and Fungal Tree of Life**

Benoit Loeuille, Royal Botanic Gardens, Kew, UK

#### **The Global Compositae Database: challenges and opportunities**

Mauricio Bonifacino, Universidad de la República, Uruguay

#### **Phylogenetic insights into the endemic species of the genus *Senecio L.* (Asteraceae) in India**

Akanksha Jeswani, Shivaji University, Kolhapur, India

#### **Biogeography of the Mexico-eastern U.S disjunction in *Symphotrichum***

Sushil Dahal, Mississippi State University, USA

#### **Four or more? Integrative species delimitation of the African daisy complex *Dimorphotheca pluvialis-sinuata***

Thaabiet Parker, South African National Biodiversity Institute, University of Cape Town, South Africa

#### **Phylogenomic insights into the Marguerite daisy tribe (Anthemideae, Asteraceae)**

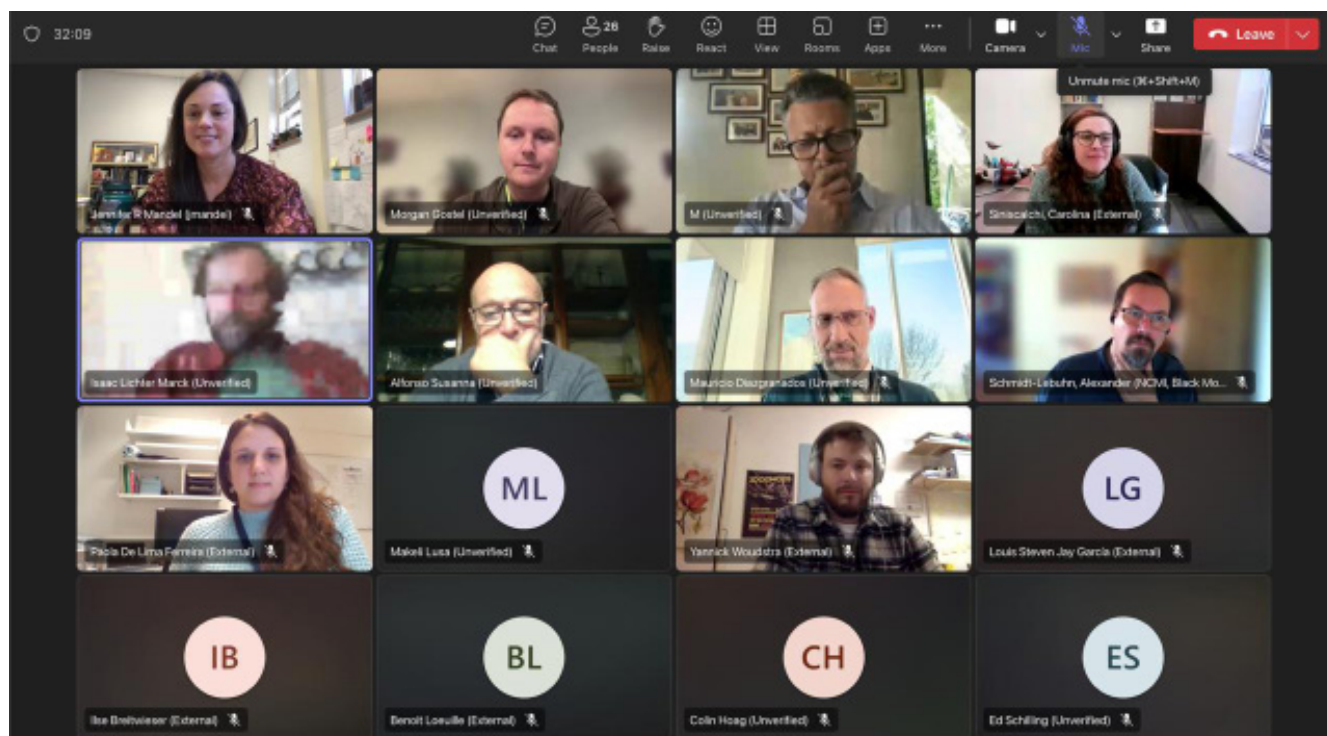
David Criado Ruiz, Real Jardín Botánico de Madrid-CSIC, Spain

#### **Palynology of Vernonieae from Madagascar (Compositae)**

Higor Antonio-Domingues, Royal Botanic Gardens, Kew, UK

#### **Hyperdiverse but still under-explored: recent and future evolutionary studies in the Compositae of Southern Africa**

Nicola Bergh, The Compton Herbarium, SANBI Kirstenbosch, Cape Town, South Africa



Screenshot of TICA virtual meeting of December 2024

## DECEMBER 2024

### WHAT'S NEXT FOR 2025 AND HOW TO GET INVOLVED

TICA also hosted an in-person meeting of more than 40 members at the XX International Botanical Congress in Madrid, Spain. Discussions included a 2nd edition of Systematics, Evolution, and Biogeography of Compositae, the TICATalks virtual seminar series for 2025, the Global Compositae Database (GCD), and *CAPITULUM*, the official scientific journal of TICA.

In December 2024, nearly 30 people met to form collaborative working groups for these four topic areas. If you are interested in getting involved in one or more of these groups or would be interested in contributing, contact:

#### TICATalks

Erika Moore-Pollard, [ermoore3@memphis.edu](mailto:ermoore3@memphis.edu),  
Carol Siniscalchi, [CSiniscalchi@library.msstate.edu](mailto:CSiniscalchi@library.msstate.edu)

#### Systematics, Evolution, and Biogeography of Compositae 2nd Edition

Christoph Oberprieler, [christoph.oberprieler@ur.de](mailto:christoph.oberprieler@ur.de), Morgan Gostel, [mgostel@fwbg.org](mailto:mgostel@fwbg.org)

#### CAPITULUM and GCD

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Jennifer Mandel, [jmandel@memphis.edu](mailto:jmandel@memphis.edu)