



**PosterTexas Oklahoma Regional Consortium of Herbaria (TORCH)
Annual Meeting Program, 9 July 2024**

Host: University of Oklahoma, Robert Bebb Herbarium

Vers. 2024-07-05

Schedule (8:00a-5:30pm)

Start Time	End Time	Event type	Title	Presenter
8:00	8:30	Registration	Registration	
8:30	8:45	Welcome	Welcoming Remarks	Abby Moore and Jenna Messick/Matt Johnson
8:45	9:00	15-min talk	Evolution and Taxonomy of the Dryadoideae	Monaghan, Leann; Moore, Abigail [University of Oklahoma; Robert Bebb Herbarium]
9:00	9:15	15-min talk	Climatic influences on phylogenetic diversity in the South-Central US	Hubbard, Sierra; Fishbein, Mark [Oklahoma State University]
9:15	9:30	15-min talk	AI Applications in Natural History Collections	Best, Jason [Botanical Research Institute of Texas at Fort Worth Botanic Garden]
9:30	9:45	15-min talk	All Hail our Robot Overlords: AI-Assisted Herbarium Transcription	Meyer, Craig; Carmickle, Rachel; Best, Jason [Botanical Research Institute of Texas at Fort Worth Botanic Garden]
9:45	10:15	Meal/Break	Morning Break	
10:15	10:30	15-min talk	Stacked Image Macrophotography for Bryophytes and Fungi Specimens	Johnson, Matt [Texas Tech University]
10:30	10:45	15-min talk	Student-Driven Herbarium: Benefits and Challenges, a view from SAT herbarium	Maya-Lastra, Carlos; Wilhoyt, Rose [Angelo State University]
10:45	11:00	15-min talk	Plants Surveys and Floristic Quality Assessment in Oklahoma County	Friedman, Micah; Messick, Jenna [University of Central Oklahoma]
11:00	11:15	15-min talk	20 Years in the Making: A Survey of the Endangered <i>Hexalectris</i> Orchids at	Holman, Victoria ¹ ; Best, Brooke ¹ ; Chavous, Reilly ¹ ;

			Cedar Ridge Preserve (Dallas, TX)	Rehman, Tiana ¹ ; Varnum, Stephanie ² [¹ Botanical Research Institute of Texas at Fort Worth Botanic Garden; ² Texas Master Naturalist Program]
11:15	11:30	15-min talk	The Tale of the Long Lost Lichen Collection in the Joe M Anderson Herbarium	Woolen, Benjamin; Waring, Elizabeth [Northeastern State University]
11:30	12:00	Posters	Poster Session	
12:00	1:30	Meal/Break	Lunch	
1:30	2:00	30-min talk	Getting Your Specimen Images Online: Concepts and Workflows for TORCH TCN Participants	Barroso, Diego [Oklahoma State University & Botanical Research Institute of Texas]
2:00	2:15	Meal/Break	Afternoon Break 1	
2:15	2:20	Lightning talk	Population Survey of <i>Silphium albiflorum</i> at the Rock Creek Ranch Park in Fort Worth (Tarrant Co., TX)	Chavous, Reilly ; Holman, Victoria ; Best, Brooke; Rehman, Tiana [Botanical Research Institute of Texas at Fort Worth Botanic Garden]
2:20	2:25	Lightning talk	Mercer Botanic Gardens Herbarium - MERCA and SBSC Collections - 2024	Tiller, Anita; Hernandez, Kari; Matranga, Zoe; DuBois, Stephen [Mercer Botanical Center - Mercer Botanic Gardens - Harris County Precinct 3]
2:25	2:30	Recovery Time		
2:30	2:35	Lightning talk	Updates on the E.L.Reed Herbarium	Hosaka, Mara; Johnson, Matt [Texas Tech University]
2:35	2:40	Lightning talk	Go BUFF Herbarium! Get Digitized!	Miller, Courtney [West Texas A&M University; Texas Tech University]
2:40	2:45	Lightning talk	The Future of Texas Flora through Georeferencing Herbarium Specimens	Bales, Ashley [Botanical Research Institute of Texas at Fort Worth Botanic Garden]
2:45	2:50	Lightning talk	A First Glance at Botanizing Effort in Tarrant Co., Texas, using Digitized Collections Records	Sasan, Kimberlie [Botanical Research Institute of Texas at Fort Worth Botanic Garden]
2:50	3:30	Meal/Break	Afternoon Break 2	
3:30	4:00	Workshop	Extended Herbarium Specimens:	University of Central

			Integrating QR codes on Herbarium Labels	Oklahoma
4:00	5:30	Business Meeting	TORCH Business Meeting (incl. group photograph)	Jenna Messick and Matt Johnson
4:00		Alternative	Tours of the Robert Bebb Herbarium, University of Oklahoma	Herbarium Crew

Poster Session (11:15a-12:00p):

Poster Title	Author(s)
How Do We ACTUALLY Georeference? A conversation with CCH2 guidelines and ghosts featuring Denton, TX.	Azure, Natch [Botanical Research Institute of Texas at Fort Worth Botanic Garden]
Petal Color Changes in <i>Lythrum salicaria</i> in Native Eurasian populations compared to Invasive North American populations	Blackwell, Zakori; Blackwell, Ashton; Waring, Elizabeth [Northeastern State University]
Facilitating a Way Out: Issues surrounding the visibility and accessibility of holdings housed at small-scale seed banking institutions.	Hankins, Kay; Best, Brooke [Botanical Research Institute of Texas at Fort Worth Botanic Garden]
Repotting History: Renovation, Cataloging and Digitizing the Western Oklahoma Herbarium	Langstraat, Stevie ; Uhlig, Rachel; Byrd, Kylar; Crisp, Madilyn; Gregory, McKaegan; F. Sea, Bryant; Lane, Kyle; Bosque, Renan [Department of Biological & Biomedical Sciences Southwestern Oklahoma State University; SWOSU Natural History Museum]
Building a Native Plant-pollinator Network of Interactions Using Scanning Electron Microscopy	Rumpa, Mafia Mahabub [Texas Woman's University]
Target-capture Sequencing Reveals Widespread Phylogenetic Discordance in <i>Heterotheca</i> Cass.	Szubryt, Marisa; Moore, Abigail [University of Oklahoma, School of Biological Sciences, Oklahoma Biological Survey, Robert Bebb Herbarium]

- Code of Conduct for TORCH Annual Meeting can be found by clicking [here](#).
- At the discretion of the authors, presentation will be made available at the following link: <https://osf.io/meetings/TORCH2024>
- For other meeting news and TORCH information: <https://www.torcherbaria.org/meetings/>

- <https://docs.google.com/document/d/13v62rIXvCKatTk6VIVkEFYaqqkE0VgCgGHMDP9SuDJk/edit?usp=sharing>