



4-2019

The 2019 Continental MycoBlitz

Stephen D. Russell
Purdue University

Follow this and additional works at: <https://trace.tennessee.edu/masmc>

Recommended Citation

Russell, Stephen D., "The 2019 Continental MycoBlitz" (2019). *Middle Atlantic States Mycological Conference 2019*.
<https://trace.tennessee.edu/masmc/17>

This Presentation is brought to you for free and open access by the Conferences at UT at TRACE: Tennessee Research and Creative Exchange. It has been accepted for inclusion in Middle Atlantic States Mycological Conference 2019 by an authorized administrator of TRACE: Tennessee Research and Creative Exchange. For more information, please contact trace@utk.edu.

Mid-Atlantic States Mycological Conference (MASMC)
University of Tennessee – Knoxville
12-14 April 2019

ABSTRACTS - Oral Presentations

The 2019 Continental MycoBlitz

Stephen D. Russell

Department of Botany and Plant Pathology, Purdue University

The North American Mycoflora Project (www.mycoflora.org) is a collaboration between professional mycologists, citizen scientists, online citizen science platforms (such as Mushroom Observer and iNaturalist), and herbaria to identify and map the distribution of macrofungi across North America. The cornerstone of this initiative is the documentation, vouchering, and DNA sequencing of macrofungal collections. In order to foster broad citizen science participation, a week-long, continental-scale online foray is being conducted in conjunction with National Geographic and iNaturalist during 2019. As an outcome to this effort, over 500 participants will contribute over 20,000 new reports to iNaturalist. More importantly, over 2,000 specimens of macrofungi will be saved in herbaria, with over 1,500 specimens receiving a DNA barcode. The broad and systematic engagement of citizen scientists will significantly expedite the rate of species discovery of macrofungi in North America, and a sustained commitment to these types of collaborations will be required if the dream of a reasonably comprehensive mycoflora of North America is to be realized.