

Oklahoma Native Plant Record

Journal of the Oklahoma Native Plant Society

2435 South Peoria

Tulsa, Oklahoma 74114

Volume 12, December 2012

ISSN 1536-7738

<http://ojs.library.okstate.edu/osu/>

Managing Editor: Sheila Strawn

Production Editor: Paula Shryock

Electronic Production Editor: Sandy Graue

Technical Advisor: Bruce Hoagland

The purpose of ONPS is to encourage the study, protection, propagation, appreciation and use of the native plants of Oklahoma. Membership in ONPS is open to any person who supports the aims of the Society. ONPS offers individual, student, family, and life memberships.

2012 Officers and Board Members

President: Adam Ryburn

Vice-President: Lynn Michael

Secretary: Sandy Graue

Treasurer: Mary Korthase

Membership Coordinator: Tina Julich

Historian: Jeanie Coley

Past President: Lynn Michael

Board Members:

Brooke Bonner

Elaine Lynch

Buddy Miller

Clare Miller

Janette Steets

Jay Walker

Central Chapter Chair: Joe Roberts

Cross-Timbers Chapter Chair:

Ron Tyrl

Mycology Chapter Chair: Steve Marek

Northeast Chapter Chair: Alicia Nelson

Color Oklahoma Chair: Pearl Garrison

Conservation Chair: Chadwick Cox

Gaillardia Editor: Chadwick Cox

Website Manager: Adam Ryburn

<http://www.oknativeplants.org>

Harriet Barclay Award Chair:

Rahmona Thompson

Anne Long Award Chair: Gloria Caddell

ONPS Service Award Chair: Sue Amstutz

Photography Contest Chair: Kim Shannon

Librarian: Karen Haworth

Mailings Chair: Karen Haworth

Publicity Chair: Alicia Nelson

Cover photo: *Erythronium* sp. (Dogtooth lily)

by Lynn Michael, past president of

ONPS

Articles (c) The Authors

Journal compilation (c) Oklahoma Native Plant Society

Except where otherwise noted, this work is licensed under a Creative Commons Attribution-NonCommercial-ShareAlike4.0 International License, <https://creativecommons.org/licenses/by-nc-sa/4.0/>, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly attributed, not used for commercial purposes, and, if transformed, the resulting work is redistributed under the same or similar license to this one. <https://doi.org/10.22488/okstate.17.100087>

Oklahoma Native Plant Record

Volume 12

Table of Contents

Foreword	3
Possible Mechanisms of the Exclusion of Johnson Grass by Tall Grass Prairies	
M. S. thesis	4
Dr. Marilyn A. Semtner	
A Preliminary Pawnee Ethnobotany Checklist	33
Mr. C. Randy Ledford	
Vascular Flora of Alabaster Caverns State Park, Cimarron Gypsum Hills, Woodward County, Oklahoma	43
Dr. Gloria M. Caddell and Ms. Kristi D. Rice	
A Comparison of the Composition and Structure of Two Oak Forests in Marshall and Pottawatomie Counties	63
Dr. Bruce Smith	
<i>Critic's Choice Essay: Virtual Herbaria Come of Age</i>	69
Dr. Wayne Elisens	
Editorial Policies and Procedures	72
Five Year Index to Oklahoma Native Plant Record	inside back cover