

# ***Oklahoma Native Plant Record***

*Journal of the Oklahoma Native Plant Society*

*P. O. Box 14274*

*Tulsa, Oklahoma 74159-1274*

*Volume 15, December 2015*

ISSN 1536-7738

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

Managing Editor: Sheila Strawn  
Production Editor: Paula Shryock  
Electronic Production Editor: Sandy Graue  
Manuscript Editor: Mark Fishbein  
Technical Advisor: Kristi Rice

**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.**

## 2015 Officers and Board Members

President: Joe Roberts  
Vice-President: Sheila Strawn  
Secretary: Sandy Graue  
Treasurer: Mary Korthase  
Historian: Adam Ryburn  
Past President: Adam Ryburn

### Board Members:

Mike Dunn  
Pearl Garrison  
Elaine Lynch  
Jay Pruett  
Bruce Smith  
Lara Souza

### Chapter Chairs:

Central: Adam Ryburn  
Cross Timbers: Mark Fishbein  
Northeast: Connie Murray  
Southwest: Doug Kemper

Publicity/Merchandise Chair: Alicia Nelson  
Conservation Chair: Chadwick Cox  
Tulsa Garden Club Liaison: Sue Amstutz  
Betty Kemm Service Award: Sue Amstutz  
Awards Chair: Gloria Caddell  
Membership Database: Tina Julich  
Photo Contest Chair: Lynn Michael  
Mailings/Printings Chair: Karen Haworth  
Gaillardia Editors:

Adam Ryburn, Marilyn Stewart  
Website Manager: Adam Ryburn  
<http://www.oknativeplants.org>

Cover photo: *Euonymus americana*  
(Hearts-a-bustin; Strawberry bush)  
by Connie Arnold

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.17.100108>

# *Oklahoma Native Plant Record*

## *Volume 15*

### Table of Contents

Foreword .....	3
Preface to First Flowering Dates for Central Oklahoma ..... Dr. Wayne Elisens	4
First Flowering Dates for Central Oklahoma ..... Mr. Ben Osborn	6
Forest Structure and Fire History at Lake Arcadia, Oklahoma County, Oklahoma (1820–2014) ..... Dr. Chad King	19
Interplanting Floral Resource Plants with Vegetable Plants Enhances Beneficial Arthropod Abundance in a Home Garden. .... Ms. Chrisdon B. Bonner, Dr. Eric J. Rebek, Dr. Janet C. Cole, Dr. Brian A. Kahn, and Dr. Janette A. Steets	31
Contributions to the Flora of Cimarron County and the Black Mesa Area ..... Ms. Amy K. Buthod and Dr. Bruce W. Hoagland	49
Antifungal Activity in Extracts of Plants from Southwestern Oklahoma against <i>Aspergillus flavus</i> . .... Dr. Tahzeeba Frisby and Cameron University Students	78
Kudzu, <i>Pueraria montana</i> (Lour.) Merr. Abundance and Distribution in Oklahoma. .... Ms. Marli Claytor and Dr. Karen R. Hickman	96
<i>Critic's Choice Essay</i> : Mistletoe, <i>Phoradendron serotinum</i> (Raf.) Johnston ..... Dr. Paul Buck	105
Editorial Policies and Procedures .....	107
Five Year Index to Oklahoma Native Plant Record .....	inside back cover