OUR NEXT CHAPTER MEETING
Thursday January 10th @ 6:30PM
Extension Center

The 15 Biggest Ideas in Science... in an Hour
Dr. Steve Keller
Associate Professor of Chemistry at MU
Director of Missouri Scholars Academy

This talk will be a “Greatest Hits” of science over the last several centuries; from evolution to the big bang theory, from relativity to the atomic model. Most scientists would agree on most of this list, but it’s a great starting place for a discussion of the interconnectedness of science and science literacy in general.

Lanyards Available for Purchase at Meeting – only $2! All meeting attendees are eligible for the FREE MONTHLY RAFFLE! This program is approved for 1 hour of Advanced Training. Members count 1 hour of Advanced Training in addition to 1 hour of service plus travel time. Advanced Training does not require a timesheet code, and does not include travel time. The timesheet code for service/travel time is ADM. The MU Extension Office is located at 1012 North Highway UU (I-70 Exit 121).

Sweets: Stephanie Michels  Savories: Linda Karns
MEMBER’S CORNER

2019 CHAPTER OFFICER ELECTION

We will elect our 2019 chapter officers at our January chapter meeting! Here are our candidates:

SLATE OF CANDIDATES

PRESIDENT: Carolyn Flynn (Class of 2013) for 1st Term
VICE PRESIDENT: Jill Edwards (Class of 2013) for 1st Term
SECRETARY: Lori Johnson (Class of 2017) for 2nd Term
TREASURER: Stephanie Michels (Class of 2016) for 1st Term

CHAPTER FIELD TRIP TO ARROW ROCK FOR
SAW-WHET OWL BANDING
@ Missouri River Bird Observatory

WEDNESDAY NOV 6, 2019
(11/7 RAIN DATE)
5PM TO LATE (PERHAPS 11PM)

Everyone’s always saying that we need to offer more chapter field trips. So let’s do it – and stay up WAY past our bedtimes too! We will be going to visit the Missouri River Bird Observatory in Arrow Rock, around 45 minutes from Columbia. Dana Ripper, Director of the MRBO, will teach us about saw-whet owls, and then we will hope to get to see some owl-banding. We will be leaving Columbia by 5pm – the mist-nests open at 6pm and will be checked several times until 10pm. We will be inside and outside, so we will dress warm. Learn more about saw-whets here.

This will totally be approved as Advanced Training once Jill turns in the form. Nice!

Photo Credit: Cameron Rutt
MDC offers prescribed fire workshops in mid-Missouri

Register to attend a free workshop on fire as an important land management method.

COLUMBIA, Mo. - The Missouri Department of Conservation (MDC) invites landowners, natural resources managers, and others interested in learning about prescribed fire to free workshops across mid-Missouri this spring. These clinics will cover controlled burning as a method of boosting wildlife habitat and reducing less desirable plant species. MDC staff will discuss methods and techniques for implementing controlled burns, safety considerations, and proper weather conditions for conducting a burn. The workshops will also cover how to create a burn plan and time the burn based on your management objectives and landscape.

“These workshops are a great opportunity for landowners to learn how to properly conduct a prescribed burn on their property,” said MDC Private Land Conservationist Ryan Lueckenhoff. “Prescribed fire is a great tool for creating early successional habitat, maintaining plant diversity and stimulating new growth. In these workshops we’ll talk about the use of burn plans, conditions that affect fire behavior, how to use burn equipment, and much more.”

Each workshop will consist of a classroom session, followed by a demonstration burn, weather permitting (optional demonstration burn for Mexico workshop will be held Friday, Feb. 15, at Bradford Farms). Attendees should bring field clothing (cotton or wool; no synthetics), leather boots and gloves to wear for the demonstration burn. The workshops are free to attend, but participants must pre-register.

- Bradford Research Center – 4968 S. Rangeline Road in Columbia
  9 a.m. – 4 p.m., Friday, Feb. 15
  Register by Feb. 13
  Call MDC Private Land Conservationist Ryan Lueckenhoff at 573-875-5540, ext. 7
- Prairie Fork Conservation Area near Williamsburg
  9 a.m. – 1 p.m., Saturday, Mar. 9
  Register by Mar. 1
  Call MDC Private Land Conservationist Jordon Beshears at 573-564-3715, ext. 110

MDC works with you and for you to sustain healthy fish, forests, and wildlife. For more information on prescribed fire, visit mdc.mo.gov/your-property/fire/prescribed-fire.
Columbia Crawdad Stream Team

Spend a few hours outdoors and help clean streams in Columbia.

Every second Saturday of the month each month from 8am to 11am.

Join a group of like-minded citizens lending a hand to make Columbia cleaner by picking up litter at these events held the 2nd Saturday morning of each month. Beforehand, staff will identify and communicate to those who register the following: the area to be cleaned, the place to meet and the start time. Each cleanup will be different – streets and/or streams will be cleaned. A fellow volunteer will lead you in this pro-environment effort and will bring the supplies you'll need! Learn more about Columbia’s efforts to educate citizens about how stormwater is managed in our city, and check out some Columbia Crawdads videos here.

Email Lisa Rohmiller at volunteer@gocolumbia.mo or call 573-874-7499 to find out location of the next clean-up.

Opportunity Code for Timesheets: Coming Soon! (We will be announcing some changes to our timesheet codes this year!)

RE-POST: ADOPT-A-TRAIL – HELP BEAUTIFY HOMINY BRANCH TRAIL

Lea Langdon (Class of 2007) has adopted part of the Hominy Branch Trail. She needs people to help remove trash and invasive species along the trail, and to plant natives along the way. The Adopt-a-Trail program is a brand new program where citizens can adopt a 1/4 mile of a trail to help remove invasive plant species, such...
as honeysuckle, and can assist in the beautification of our trails. First year adopters will need to focus on removal of large plants. This will involve hand saws and chemical application to kill the invasive shrubs. Plants removed will be piled and left in place. Subsequent years will be easier with hand pulling of young invasive plants. Adopters may want to work with park staff to determine clever ways to enhance the beauty of their section of trail with spring bulbs or native flowering shrubs/trees. If you are interested in helping, please contact Lea Langdon at 573-864-7647 or email langrea@gmail.com

Opportunity Code for Timesheets: COC

More Volunteer Opportunities – see the Chapter Calendar for details!

- **Every Wednesday from 7:30am to 4:30pm:** Birding Trip with Bill Clark (Columbia Audubon Society, in State Park or Conservation Area, fledgling birders welcome – the best way to learn about birds is by birding with an expert! Meet at SW Corner of Parkade Center parking lot, call Bill at 573-474-4510 to RSVP. (Timesheet Code CAS)

**ADVANCED TRAINING OPPORTUNITIES**

For updated information on advanced training opportunities, please see the online Chapter calendar. To submit an opportunity for advanced training consideration, use the form on the chapter website and email it to MMNATrain@gmail.com.

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**Saturday January 19th at 2pm**

Prairie Soil Fungi Presentation by Dr. Alice Tipton

Going Underground: Fungal Communities of Remnant and Restored Grasslands

Following the MPF Board of Director's meeting on January 19, 2019, Dr. Alice Tipton will present "Going Underground: Fungal Communities of Remnant and Restored Grasslands," open to the public at 2:00 p.m., at the Boone County Government Center, 801 East Walnut, Room 333, Columbia, MO.

During this free presentation, Dr. Tipton will present findings of her research on the fascinating world of mycorrhizal fungi, and the critical role of these organisms in prairie ecosystems. Dr. Alice Tipton, of Columbia, MO, received her PhD. from the University of Missouri in 2016, and conducted post-
doctoral research at the University of Kansas, working on projects testing how mycorrhizal fungal inoculation can act as a tool in prairie reconstruction. She is currently an assistant professor of biology at Lincoln University in Jefferson City.

The event is free but we ask that you register online here by logging in with your email address, or by calling 888-843-6739 or by sending an email with participant names to info@moprairie.org.

Advanced training does not require a timesheet code – only volunteer hours require you to enter a timesheet code.
A "Science Cafe" cafe is an informal gathering of people interested in listening to or participating in a discussion on a popular science topic. Science Cafe's are grassroots, community-run organizations that seek to inspire minds and share scientific knowledge within the community. This fall the focus will be speakers that will explain how their work relates to the elements of Earth, Wind, Water and Fire. All are welcome!

**MONDAY JANUARY 14th: Topic TBA**

Like on Facebook: Science Café Columbia

*Advanced training does not require a timesheet code – only volunteer hours require you to enter a timesheet code.*

**NOTEWORTHY**

*See an interesting video or article online? Please share your link via email to mmndragonflyer@gmail.com*

*Having a Bad Day? Read This: 30 Years Ago, a Missouri Woman Lost a Ring the Current River – she Just Got it Back*

*Supermoon Lunar Eclipse 2019: A Blood Moon Wolf Moon is on its Way (Begins Jan 20th at 11:41pm and ends 12:43am on 21st)*

*Facebook Video: Learn about Dragonflies (Warning: This One is for ADULTS ONLY)*

*Video: December 2018 Tsunami in Indonesia Caused by Collapse of Volcano*

*City of Columbia Mulls over Ways to Prevent Suicides at the Parking Garage at 5th and Walnut*

*Video: Woman Films Badass Wolves Chasing her Car*

*Video: Kayaker Films Moment He Shared With Huge Black Bear in a Lake*

*What One Basic Shopping List Costs at Five Different CoMo Grocery Stores*

*A Bald Eagle Got Confused During the National Anthem and Landed on Fans at the Cotton Bowl*

*NYT: New E.P.A. Plan Could Free Coal Plants to Release More Mercury into the Air*

*Why You Are Seeing More Hawks at Your Birdfeeder*
Facebook Video: Little Seal Being Chased by Hungry Orcas Knows Just What to Do

Go behind the Scenes of NASA’s Farthest-Ever Flyby Mission

Stopping Climate Change Starts in the Kitchen

Meet the Sled Dog Team that Lives in Missouri

Facebook Video: Check out this Trippy Mushroom Bloom Timelapse

8 Things about Japan that may take First-Time Visitors by Surprise

SpaceX Launches Air Force’s Best GPS Yet

NYT: A Book that Will Make You Terrified of Your Own House

US Man Finishes Solo Race Across Antarctica

Keeping Have a Good Day: Behold These Beautiful Flowers Blooming

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**OUR NEXT CHAPTER MEETING**

*Thursday February 14th*

@ 6:30pm

**MU Extension**

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**Missouri Master Naturalists**

Boone’s Lick Chapter

2018 Officers

Please Join Us on Facebook: Missouri Master Naturalist, Boone's Lick Chapter

**President**  
Jill Edwards (Class of 2013)  
**MMNblpresident@gmail.com**

**Advanced Training Committee**  
Linda Karns (Class of 2011) & Suzanne Wright (Class of 2005)  
**MMNATrain@gmail.com**

**Vice President**  
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**Communications Committee**  
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**Secretary**  
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**Hospitality Committee**  
Sally Swanson (Class of 2005)  
**Sal@socket.net**
| **Treasurer** | Linda Karns (Class of 2011) | MMNTreasurer@gmail.com |
| **Public Relations Committee** | Chris Egbert (Class of 2009) | MMNpublicrelations@gmail.com |
| **Chapter Historian** | Becky Bohlmeyer (Class of 2010) | kaiko5537@gmail.com |
| **Training Committee** | Suzanne Wright (Class of 2005) | suzwright7002@gmail.com |
| **Volunteer Opportunities & Project Approval Committee** | Phil Knocke (Class of 2006) | MMNVolOpps@gmail.com |

**Chapter Co-Advisors**

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To promote awareness and citizen stewardship of natural resources through science-based education and community service.