NEXT MEETING
Thursday, October 10

6:30 PM
MU Extension Building

Casey Holliday, Ph.D.
Department of Pathology and Anatomical Sciences, University of Missouri

Vertebrate paleontologists rely on fossils to tell the story of Earth’s history and the animals that live on it, but recent technology has enabled them to explore the structure and function of animals in ways never before imagined. Come learn about classical and modern approaches to understanding the history of life, with an emphasis on crocodilian and dinosaur biology.

Drinks: Susan Hazelwood
Non-dessert: Kay Conklin
Dessert: Stacy Barr

PRESIDENTIAL PONDERINGS

Emily Wilson

Thank you, Boone’s Lick Chapter, for all the help and support you have provided the State Advance Training Committee for the event coming up Oct. 5th. I know it will be a great “Day of Discovery.”

While walking a pasture fence line, my husband noticed a purplish plant with a large serrated leaf on a square stem about 2 feet tall. He did not know what it was and asked me, because you know Master Naturalists have all the answers. I didn’t have the answer, but I knew where to look for an answer. I believe what he found is Perilla Mint, *Peri indigetescens* (L.) Britt., also known as beefsteak plant, purple mint, shiso, wild basil, rattlesnake weed and about six other names. Perilla is very poisonous to ruminant animals. The ketones it contains can cause acute respiratory distress syndrome in cattle. It is most dangerous in the fall when it flowers or when fruit is present. It likes semi-shaded environments. Best controlled in the spring or by mowing plants before seeds are produced. Perilla came from Asia in the 1800’s as an ornamental plant. Information from MDC and University of Tennessee Extension, Perilla Mint information sheet, 07-0061.
NOTEWORTHY

Florida to call on Labrador retrievers to stem Giant Snail invasion

Astronomers find Sun’s oldest ‘twin’, solving mystery about stellar aging

Astronomers spot ‘cosmic caterpillar’ 6 trillion miles long

Largest volcano on Earth lurks beneath Pacific Ocean

Study: Wind farms killed 67 eagles in 5 years
http://news.yahoo.com/study-wind-farms-killed-67-eagles-5-years-160226373.html

'Animal Earth' - A look at of some of the most unknown and overlooked creatures on the planet

Portraits of Planet Ocean: the photography of Brian Skerry

Incredible footage shows ‘firenado’ spawning from intense Alaskan wildfire

Bees and bugs like you’ve never seen before

Amazing NASA video shows the moon in a whole new way

Turtle rescue in Israel

Why Earth's inner and outer cores rotate in opposite directions

2 mussels found in Mo. to be federally protected

Species discovered in 2013
The 2013 State Conference in CoMo welcomes 185 MO Master Naturalists on Oct. 5

The Boone’s Lick Chapter is hosting a get-together on Friday, Oct. 4, from 5:30 to 9:00 p.m. at Shakespeare’s South, 3911 Peachtree Drive. Please come to welcome the other attendees. Also, there’s a bird-watching excursion for early risers at 7:00 a.m. on Saturday, Oct. 5, before sessions begin. The group will meet at Devil’s Icebox parking lot at Rock Bridge Memorial State Park.

Thanks to the AT event planning committee: Becky Bohlmeyer, Stacy Barr, Meredith Donaldson, Chris Egbert, Linda Karns, Pat McDonald, Emily Wilson and Suzanne Wright.

Thanks to all who entered the photo contest!

The Boone’s Lick Chapter is providing pocket calendars for attendees at the AT event. Each month of the 15-month calendar features a photo taken by a BL member. Congratulations to the winners: Stacy Barr, Becky Bohlmeyer, Nancy Bowles, Carolyn Doyle, Chris Egbert, Betsy Garrett, Dennis O’Brien, Jeanie Scott-Pillen, Bobb Swanson, Laura Sweets, Carol Weston, Emily Wilson and Suzanne Wright. Thank you to all the entrants for their beautiful photos. Calendars will also be offered for sale. Details at the Oct. meeting.

Photos were chosen by Glenn Chambers, Emmy-award-winning photographer; Jerry Thompson, architect and photographer; Jerry Nichols, artist; and Dawn Andres, photojournalist and marketing coordinator. The Boone’s Lick chapter thanks the judges for their hard work. Narrowing down the choices to only 15 photographs was not an easy task! Each of the winning photos will also be featured in the Dragonflyer issue for the corresponding calendar month. (See the cover and October 2013 photos by Dennis O’Brien and Stacy Barr on the next page.)

The chapter also thanks Melissa Wilson for creating the calendar. Melissa is the daughter of Chapter President Emily Wilson, and she has done a terrific job coordinating the photos and text.
Cover Photo for 2013-14 pocket calendar: Widow Skimmer, by Dennis O’Brien, taken at Three Creeks Conservation Area

October 2013 photo: Purple Coneflower, by Stacy Barr, taken at Hinkson Creek Trail Wildflower Area, maintained by Wild Ones
Boone’s Lick Chapter Members Recruit and Educate at MU’s South Farm

On September 21, 2013, Jill Edwards, Robbie Scholes, Stacy Barr and Chris Egbert attended the 2013 South Farm Showcase. The event was sponsored by the University of Missouri’s College of Agriculture, Food and Natural Resources. The chapter members were there to recruit new members and better educate the public about the Monarch butterfly.

Each year, the University of Missouri’s South Farm invites the public to its laboratories and research centers to showcase its 1,452 acres of research, education and public service. This event was free and family oriented. About 9,000 people attended this year. Robbie and Jill helped the kids fold more than 100 origami Monarch butterflies. Stacy brought her live Monarch butterflies, hatched in captivity.

UPCOMING EVENTS

Evening on the Prairie

Saturday, Oct. 12, near Cole Camp, MO. Hosted by Missouri Prairie Foundation and Hi Lonesome Chapter of MMN on Dr. Wayne Morton’s 400-acre original prairie. MPF annual meeting will be held at 4:30 p.m, with complimentary wine and cheese reception following at 5:00. Event is free, but a $5-10 donation is suggested. Free camping is available Friday and Saturday nights. For a complete schedule of events on the prairie, please visit www.moprairie.org.
ADVANCED TRAINING OPPORTUNITIES

For updated information on advanced training opportunities, please see the online Chapter calendar at http://extension.missouri.edu/masternaturalist/columbia. To submit an opportunity for advanced training consideration, use the form on the chapter website and email it to MMNATrain@gmail.com.

Big Muddy Speaker Series

October 8, 2013 - "Love Your Big Muddy-One Woman’s Adventure on the Missouri River" - Janet Moreland, paddler. For directions to the meeting place, check the website: http://www.riverrelief.org/updates/entry/big-muddy-speaker-series-rocheport/

Saturday Morning Science at Mizzou

10:30-11:30 a.m., Monsanto Auditorium, Bond Life Sciences Center, Rollins Rd. and College Ave.

“Food Insecurity: Tracking Plant Disease Epidemics in the U.S.” Oct. 5. Jim Schoelz, Plant Sciences. Our food supply is under constant pressure from microorganisms. This talk will focus on the impact of past and present plant disease epidemics on our landscape and our food supply.

“Bugs, Burns and Beauty: Managing the Forests of Rocky Mountain National Park.” Nov. 9. Jerry Frank, History. Americans have long used notions of picturesque beauty and ecology to imagine the forests of the American West. The result is a patchwork landscape that is both a cultural and natural creation.

Education Series at Shaw Nature Reserve, Hwy. 100 and I-44, Gray Summit

Wildflower ID and Ecology, Sat., Oct. 12, 9 a.m. to noon. Meet at the Visitor Center. $16 members, $19 non-members.

Trees of Shaw Nature Reserve, Sat., Oct. 19, 9 a.m. to noon. Meet at the Visitor Center. $20 members, $24 non-members.

Wild Edibles, Sat., Oct. 19, Noon to 3 p.m. Carriage House at Shaw Nature Reserve. $20 members, $24 non-members.

For more information on these classes, go to https://www.mobot.org/iebms/coe/coe_p2_details.aspx?eventid=39412&sessionid=fh5fe4fa1fh7fd4fe1&rankid=S, and scroll down the page to the appropriate class.

STATEWIDE ADVANCED TRAINING & VOLUNTEER OPPORTUNITIES

The Missouri Master Naturalist state website periodically posts advanced training and volunteer opportunities offered throughout the state and open to all MMNs. To view these postings, go to the state website at http://extension.missouri.edu/masternaturalist and click on the link “For Volunteers.” State Advanced Training is also posted on our chapter calendar.
VOLUNTEER OPPORTUNITIES

For updated information on volunteer opportunities, please see the online calendar on the chapter website at: http://extension.missouri.edu/masternaturalist/columbia/. Please contact the person indicated for more detailed information on any of the projects. To submit a project for consideration, for service hours, fill out a Service Project Form (available at http://extension.missouri.edu/masternaturalist/columbia/Projectapproval.htm) and email it to MMNVolOpps@gmail.com for consideration. You will be notified via email if there are any questions about the project or notified of its approval. Once approval is granted for any person, it is approved for everyone, so it is only necessary to submit one form per project.

Hinkson Clean Sweep (code COC)

Saturday, Oct. 12, 10 a.m. to noon. This is a larger stream cleanup, with volunteers assigned to several locations along the Hinkson and its tributaries. To register, please click on this link: http://www.gocolumbiamo.com/Volunteer/

Prairie Seed Collection (Code MDC)

Volunteers will travel to different locations within about 45 minutes of Columbia to gather seed for prairie restoration at Prairie Fork Conservation Area. (The listed locations are subject to change.) MDC will provide limited transportation; carpooling is encouraged. Chris Newbold will send an email a week or so before each trip. To be included on the list, please contact him at chris.newbold@mdc.mo.gov.

October 12 – Saturday – Rocky Fork CA
October 13 – Sunday – Prairie Fork or Auxvasse Glade

Critters of the Night Work Party

Mon., Oct. 28, 4 p.m. to 6 p.m. Russell School Outdoor Classroom, Russell Elementary, 1800 W. Rollins. Please park in the west Kiwanis Park parking lot off of College and walk a very short woodland path to the outdoor classroom. For more information, contact Lea Langdon at langtrea@gmail.com.

Missouri River Relief Cleanups

October 5--KC Big Muddy Cleanup in Sugar Creek, 9 a.m.-noon. Registration begins at 8:30. La Benite Park, Sugar Creek. I-70 to 291 Highway North to the park, just east of the Missouri River Bridge. For more information or to pre-register online, please visit http://www.riverrelief.org/event/kansas-city-missouri-river-clean-up/.

October 19--Hartsburg Missouri River Cleanup, 9 a.m.-noon. Registration begins at 8:30 at the MDC public boat access in Hartsburg. The boat ramp is 17 miles south of Columbia. Take Highway 63 to Route A. Drive 3.5 miles to the south end of Hartsburg, take a right and follow the River Road west for 2 miles. For more information or to register online, please visit http://www.riverrelief.org/event/hartsburg-missouri-river-clean-up-2013/.
2013 Officers

President  Emily Wilson  MMNPresident@gmail.com
Vice President  Becky Bohlmeyer  MMNVicePres@gmail.com
Secretary  Pat McDonald  MMNsecretary@gmail.com
Treasurer  Stacy Barr  MMNTreasurer@gmail.com
Chapter Historian  Ann Marie Long  long.annmarie@gmail.com

Advanced Training Co-Chair  Becky Bohlmeyer  MMNATrain@gmail.com
Project Approval & Volunteer Opportunities  Chris Egbert  MMNVolOpps@gmail.com
Communications Committee  Nancy Bowles  MMNDragonflyer@gmail.com
Hospitality Committee  Jeanie Scott-Pillen  jscottpillen@gmail.com

Chapter Co-Advisors

Kent Shannon  University Extension  ShannonD@missouri.edu
Bob Pierce, Interim Co-Advisor  University Extension  PierceR@missouri.edu

NEXT MEETING
Thursday, November 14
6:30 PM
MU Extension Building

TOPIC TBD
It’ll be good...we promise!

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