

# earthstar examiner

March 2018



*Newsletter of the Missouri Mycological Society*

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## Morel *MADNESS*

April 13-15, 2018

H. Roe Bartle Scout Reservation

**Morel Madness is finally here!** The Kansas City Chapter is bringing in the Madness this year which will be located near Osceola, Missouri at the H. Roe Bartle Scout Reservation. This gorgeous 4,200-acre reservation is home to the Osage Wilderness trail consisting of 12.5 miles of rugged Ozark woodlands. The reservation has access to the Harry S. Truman Reservoir with available canoe rentals. It is a mixture of hard wood forests, bluffs, caves, and managed prairies being restored through burning. This camp has an assemblage of Native American culture, winsomeness, and history. It was named after former Kansas City, Missouri mayor and Boy Scout council executive

H. Roe Bartle. There will be three to six scheduled forays, depending on interests, which will include one for beginners and one for advanced hikers. However, feel free to hunt to on your own wherever you would like! Proper Morel Madness attire should be observed at all times, (mushroomy apparel and hats, anything weird is appropriate) especially during the pot luck dinner on Saturday night.



*Morel Madness continued on Page 4*



# MISSOURI MYCOLOGICAL SOCIETY

## 2018 Calendar of Events

*www.MoMyco.org*

- \*Please notify the leader of the foray you wish to attend at least one day prior to the foray.
- \*Forays start at 10:00am unless otherwise noted.
- \*Meet at the Visitor's Center unless otherwise specified, 15 minutes prior to the time listed.
- \*For more information, check our web site at [www.MoMyco.org](http://www.MoMyco.org)

### March – May Calendar

**SAT. 03/03, 12:00 – 4:00 PM** CERTIFICATION Morel Certification Class Burr Oaks Wood Conservation Area 1401 NW Park Rd. Blue Springs, MO 64015. Contact Nathan Athans at [rogueyarden@gmail.com](mailto:rogueyarden@gmail.com) or 816-588-5304 to register. \$75

**SAT. 03/10, 10:00 AM** CLASS Poisonous Mushrooms of Missouri, Conservation Employees Credit Union, 2915 W. Truman Blvd, Jefferson City, MO. Contact Malissa Briggler at [Malissa.Briggler@mdc.mo.gov](mailto:Malissa.Briggler@mdc.mo.gov) or 573-522-4115 ext.3200. Members Only.

**SAT. 03/10, 12:00 - 3:00 PM** CERTIFICATION Morel Certification Conservation Employees Credit Union, 2915 W. Truman Blvd, Jefferson City, MO. Contact Malissa Briggler at [Malissa.Briggler@mdc.mo.gov](mailto:Malissa.Briggler@mdc.mo.gov) or 573-522-4115 ext.3200 to register. You must register for this certification. \$75

**SAT. 03/10, 1:00 PM** CERTIFICATION Morel Certification Greene Co Library Center on S Campbell, Community Room A. Contact Dan Liles at [Hughdborg@aol.com](mailto:Hughdborg@aol.com) or 417-234-6205 to register. \$75.

**SUN. 03/11, 12:00 - 4:00 PM** WINTER LUNCHEON Webster Groves Recreation Center at #33 E Glendale, 63119. Register here today! This is a members only event. For more info contact Sara Yates at [s2yates@yahoo.com](mailto:s2yates@yahoo.com) or 314-843-5580.

**TUES. 03/13, 6:00 PM** BI-MONTHLY, Powder Valley Nature Center 11715 Cragwold Rd, Kirkwood, MO, Speaker: David Rose, “**Myxomycetes! The Enigma of Slime Molds.**” Contact Maxine Stone at [VeryMaxine@aol.com](mailto:VeryMaxine@aol.com) or 314-963-0280. (See article elsewhere in this newsletter for details.)

**FRI. 3/23 – SUN 3/25** WEEKEND CAMPOUT Early Bird, Greer Crossing Recreation Area, Winona MO. Enjoy early season morel foraging on the banks of the wild and scenic Eleven Point River. Do some trout fishing and visit historic Greer Spring between forays. Contact James Savens. [jbsavens@hotmail.com](mailto:jbsavens@hotmail.com) or 314-939-9170.

**SAT. 03/24, 1:00 - 4:00 PM** CERTIFICATION Morel Certification Commerce Bank Center for Science Education, corner of Kingshighway and Shaw, St Louis, MO, contact Stan Hudson at [shudson@momyco.org](mailto:shudson@momyco.org) to register. \$75.00

**SAT. 03/24, 10:30 AM** CLASS, Poisonous Mushrooms of Missouri, Burr Oak Woods Nature Center, 1401 NW Park Road, Blue Springs, MO. Contact Brittany Martenez at [dizzeyrae@gmail.com](mailto:dizzeyrae@gmail.com) or 816-695-3037. Members Only.

**TUES. 03/27, 6:00 PM** CLASS, Poisonous Mushrooms of Missouri Powder Valley Nature Center, 11715 Cragwold Rd, Kirkwood, MO. Contact Maxine Stone at [VeryMaxine@aol.com](mailto:VeryMaxine@aol.com) or 314-963-0280. Members Only.

**SAT. 03/31, 10:00 AM** FORAY, Babler State Park, meet at Visitor's Center, contact Patrick Harvey at [pg\\_harvey@hotmail.com](mailto:pg_harvey@hotmail.com) or 314-202-1094.

**SAT. 04/07, 9:00 AM** CLASS, Poisonous Mushrooms of Missouri, Greene Co Library Center Community Room B, starts at 9 am, foray to follow. location TBD, Contact Dan Liles at [Hughdborg@aol.com](mailto:Hughdborg@aol.com) or 417-234-6205. Members only.

**SAT. 04/07, 10:00 AM** FORAY, Annual Leland Foray, Pere Marquette State Park, Grafton IL. Contact Steve Booker at [arohd2@aol.com](mailto:arohd2@aol.com), or 618-980-0866

**FRI. 04/13-SUN. 04/15** WEEKEND EVENT Morel Madness, Osceola, Missouri at the H. Roe Bartle Scout Reservation. The Kansas City Chapter is bringing in the Madness this year! (See article elsewhere in newsletter)

**SUN. 04/22, 9:30 AM** FORAY, Washington State Park, Thunderbird Store. Contact Shannon Stevens at [sporeprince@yahoo.com](mailto:sporeprince@yahoo.com) or 314-481-4131

**TUES. 05/08, 6:00 PM** BI-MONTHLY, Powder Valley Nature Center, 11715 Cragwold Rd, Kirkwood, MO. Speaker: Dr. Johann Bruhn, “**Exploring the Limits of the Humorous Fungus, Literally and Figuratively.**” Contact Maxine Stone at [VeryMaxine@aol.com](mailto:VeryMaxine@aol.com) or 314-963-0280. (See article elsewhere in newsletter.)

**SAT. 05/12, 10:00 AM** FORAY & BIOBLITZ, Powder Valley Conservation Area, 11715 Cragwold Rd, Kirkwood, MO. Join us in cooperation with the Missouri Department of Conservation as we take a fungal survey of Powder Valley. Contact James Savens at [jbsavens@hotmail.com](mailto:jbsavens@hotmail.com) or 314-939-9170.

**SAT. 05/19, 10:00 AM** CLASS Common Mushrooms of Missouri, Part 1. 2915 W. Truman Blvd, Jefferson City, MO. Contact Malissa Briggler at [Malissa.Briggler@mdc.mo.gov](mailto:Malissa.Briggler@mdc.mo.gov) or 573-522-4115 ext.3200. Members Only

**SAT. 05/19, 12:00 - 3:00 PM** CHANTERELLE CERTIFICATION Conservation Employees Credit Union, 2915 W. Truman Blvd, Jefferson City, MO. Contact Malissa Briggler at [Malissa.Briggler@mdc.mo.gov](mailto:Malissa.Briggler@mdc.mo.gov) or 573-522-4115 ext.3200 to register You must register for this certification. \$75

**SAT. 05/19 – 2:00 PM** MEETING with guest speaker Sara Schuh at Burr Oaks Wood Conservation Area 1401 NW Park Rd. Blue Springs, MO 64015.

**FRI. 06/01 – SUN. 06/03** WEEKEND CAMPOUT, Ha Ha Tonka State Park, contact Stan Hudson at shudson@momyco.org

## Fungi Poetry

### Winter Shroom Blues

by Richard Fischer

02-14-2018

*When sun rays are acute  
and cold void of space is near  
earth's micillia find no heat  
to grow their magic wings.  
Still the mind hungers for the hunt  
the joyful pleasure of a find  
but that is not here now  
when ground is hard with freeze.  
A trip to the Garden on Saturday  
to extend these unmoved limbs  
walking through China and Japan  
into the dome of tropic land  
led to a wonder and surprise  
there amidst the jungle floor  
six round red-topped things  
ringed with lace do stand.  
Wow! Oh, joy! Yes. OK.  
mind stutters for a bit  
with pleasure and astonishment,  
unexpected, coincident.*

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### Fungus, Fungus, Few Among Us

Reprint from June '13 Earthstar Examiner

By Garrett Rose, age 9

*We watched the fire grow higher and higher.  
While few among us could find any fungus.  
Sadly, the morels were still asleep in their shells.  
We found 3 in all and not 2 inches tall.*

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For more up-to-date  
information concerning  
cancellations, additions  
and/or changes,  
please visit

**MoMyco.org**

## Accommodations

We will be staying at the Piercing Arrow campground with fully furnished luxurious cabins, canvas perma-tents with cots and outlets available upon request, a dining lodge with full kitchen and refrigeration, and an arena style fire pit. These extravagant cabins are no joke! Each cabin includes a kitchen with dining table, mini-fridge and microwave, a living room with a couch, a bathroom with shower, and two bedrooms with two to three beds each. Don't forget your blankets and pillows. The cabins are about a mile walk to the dining lodge, or a quick drive down the road. Each cabin will fit five to six people. First come first serve basis, so reserve your cabin today! Feel free to set up your tent anywhere on the campground. If you don't feel like bringing your tent, they have multiple platforms that come equipped with canvas tents, cots, outlets, and access to a shower house. Just let us know how many cots and tents you will need, and the scout master will provide! RV's and campers are allowed but there are no hook-ups (power, water, sewer). Canoe rentals are available all weekend for \$5 a day, and will fit two people.

## Volunteers Needed!

Help us bring in the Madness by volunteering! As always, we will need kitchen helpers and cleanup crews. Please let us know when you would be available to help.

### **VOLUNTEER DUTIES:**

#### **Friday Setup**

Bussing tables and cleanup of dining room for: Friday dinner, Saturday breakfast Saturday dinner

#### **Dishwashing for:**

Friday dinner, Saturday breakfast ,Saturday dinner

#### **Kitchen Preparation for:**

Saturday's breakfast, Saturday's Lunch Sunday's breakfast

#### **Sunday cleanup of dining hall and kitchen**

Campfire Master (fire setup & starter) for: Friday night, Saturday night

*General cleanup of camp - each person will be responsible for cleaning their cabin*

## Directions

**Address for H. Roe Bartle Scout Reservation:  
5525 NE Scout Camp Rd, Osceola, MO 64776**

### **Directions to H. Roe Bartle from Saint Louis**

Merge onto I-70 W via the exit on the left toward Kansas City for 132 miles. Merge onto US-65 S via EXIT 78A toward Sedalia for 53 miles. Take the MO-83 S ramp toward White Branch. Turn left onto MO-83/Wildcat Dr. Turn right onto Wildcat Dr/MO-83. Continue to follow MO-83. Turn right onto Highway 83/MO-83. Continue to follow Highway 83 for 14 miles. Turn right onto MO-82/County Hwy-2 83. Take a slight right turn onto NE 250 Rd. If you are on MO-83 and reach County Road 18 you've gone about 1.1 miles too far. Turn right onto State Highway U/MO-U. Turn left onto NE Scout Camp Rd. Destination is on the right.

### **Directions to H. Roe Bartle from Columbia**

Merge onto I-70 W toward Kansas City for 48 miles. Take exit 78A onto US-65 S toward Sedalia for 53 miles. Keep right onto MO-83 S toward White Branch. Turn Left onto Wildcat Dr. Turn right onto Wildcat Dr. Turn right onto Highway 83 for 14 miles. Turn right onto MO-82. Take a slight right turn onto NE 250 Rd. Turn right onto State Highway U. Turn left onto NE Scout Camp Rd.

### **Directions to H. Roe Bartle from Springfield**

Turn right onto N Kansas Expy/MO 13 for 63 miles. Turn right onto NE Highway 82. Turn left onto NE 320 Rd. Turn right onto NE 1075 Private Rd which becomes NE Scout Camp Rd.

### **Directions to H. Roe Bartle from Kansas City**

Merge into US-71 S and continue onto I-49 S. Take exit 157 onto MO-7 S toward Clinton. Turn left onto E 275th St. toward Clinton, Truman Lake. Turn left onto NE Highway C. Turn right onto NE Highway C. Turn right onto NE Scout Camp Rd.

## Essentials to Bring

Potluck dish for both Friday and Saturday nights, your own lunch for Saturday, towel, sleeping bag or blanket, pillow, compass, whistle, mesh bag or basket, hiking stick, and hiking boots.

## Speaker

Dr. Andrew Methven is professor and chair of Biology at Savannah State University. He is emeritus professor of mycology and lichenology at Eastern Illinois University. He has taught courses in mycology, lichens, medical mycology and field mycology, and maintained the Cryptogamic Herbarium (with more than 15,000 collections of fungi and lichens). Included among his research interests are systematics and ecology of fleshy fungi, mycogeography, the application of compatibility studies and molecular techniques to fungal systematics, and the identification and distribution of lichens in the Midwest.

Recent research projects involving undergraduate and graduate students have examined: The effects of sugar maple removal on the occurrence and distribution of fleshy fungi from endemic oak-hickory forests; the occurrence and distribution of fungal endophytes in sugar maple leaves; systematics and ecology of rust fungi on endemic plants; the use of lichens to assess habitat restoration in fragmented forest ecosystems; and, fungi which inhabit *Spartina* (cord grass) in the estuaries of coastal Georgia.

Andy used to come to Mingo (now BFF) every year, when he lived in Illinois. He brought many of his students who set up microscopes for ID and really worked the ID table. Andy is one of our Chief Mycologists and he's always available to you by email and phone. We don't see him as much we used to since he moved to Savannah. At Mingo, Andy gave talks and workshops (mycroscopy), and spent hours, with his students, ID-ing for us.

Years ago, Andy brought his baby who was less than a year old. And now Elenor is 22 and in her first year of a Master's degree program in Architecture at North Carolina State University. This year, his wife, Cheryl, will be joining him sans baby!

Andy's talk will be "**Morels and False Morels**"...very fitting for our Morel Madness weekend!

## Tentative Schedule

### **Friday, April 13 (any time after 12 p.m.)**

- 12:00 Camp setup, canoeing, exploring
- 4:00 Registration begins - Dining Lodge
- 5:00 Wine & Cheese Potluck Social (bring your favorite cheese, wine, or both to share!)
- 6:30 Potluck Smorgasbord/Dinner
- 7:45 Salutations, Announcements, Foray sign-up – Dining Lodge
- 8:00 Speaker: A couple of seasoned MOMS members will be giving us tips on finding morels
- 9:30 Bonfire – Campfire Arena

### **Saturday, April 14**

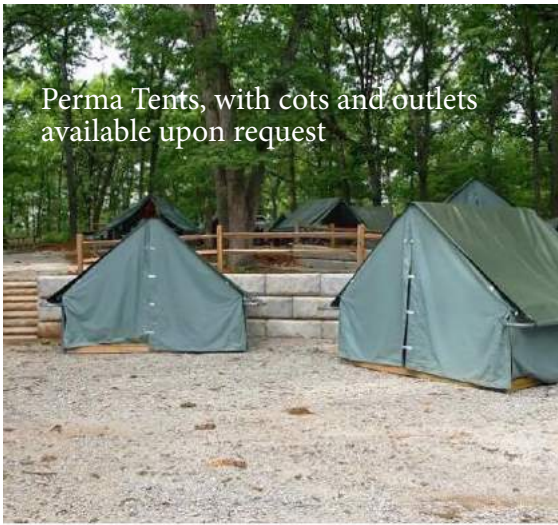
- 7:30 Breakfast (provided) – Dining Lodge
- 9:00 The commencement of The Madness
- 12:00 Lunch in the field (BYO)
- 1:00 The madness continues...
- 4:00 Spore Print Workshop (Come make spore prints! Paper provided) – Dining Lodge
- 5:00 BYO Cocktail Party
- 6:00 Italian themed Potluck (Bring your favorite Italian dish! But we're not picky, any dish is desired!)
- 8:00 Speaker: Dr Andrew Methven, MOMS Chief Mycologist, "Morels and False Morels"
- 9:15 Cookie S'mores (provided) – Campfire Arena

### **Sunday, April 15**

- 9:00 Breakfast (provided)
- 10:30 Cleanup & Decampment of Morel Madness (optional canoe rental available)

## Registration

Registration is \$20 for MOMS members and \$25 for non-members. If you plan to stay overnight, luxury cabins are \$10 per person per night or \$15 per couple per night. \$7 per person per night or \$10 per couple per night. Bring the family! Kids 16 and under are free with their parents. Included in the registration is, breakfast on Saturday and Sunday, and cookie s'mores Saturday night. Dinner on Friday and Saturday will be potluck, please bring a dish to share, we are hungry people!



Perma Tents, with cots and outlets available upon request



Cabin Bedroom



Cabin Kitchen



Cabin Living Room area



Kitchen Table



Campground Map



Dining Lodge



# *Dinner with Rob*

**7:00 P.M.**

**Wednesday, May 9**

**\$75.00, includes food, tax and gratuity**

MOMS member and James Beard semi-finalist chef Rob Connoley will host MOMS for a May dinner at his amazing Squatters Café, KDHX building, 3524 Washington.

Rob is shaking up St Louis with his innovative style and delicious food having been written up in FEAST, Sauce, St Louis Magazine, Post Dispatch. In the fall he will be opening Bulrush, a long awaited mostly foraged foods restaurant. Join us for a 7-course dinner featuring mushrooms other foraged ingredients preceded by an optional free jazz concert (5-7pm). Tickets are \$75 which includes food, tax and gratuity. Drinks will be available for purchase.

Any questions can be addressed to Maxine Stone, [VeryMaxine@aol.com](mailto:VeryMaxine@aol.com) or 314-963-0280. Space is limited. To secure your place at the table for this incredible dinner, please send a check made out to MOMS to:

Maxine Stone, 314 Park Road, St Louis, MO 63119

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## *JERRY'S COOKING CLASS*

By Maxine Stone

You sure missed a good time. Jerry Campione, with the assistance of his lovely wife, Sharon, and MOMS member, Stephanie Keil, gave an Edible Mushroom Culinary Class on February 17. It couldn't have been better. Jerry is a natural at doing this. Actually, Im going to call the Food Network and suggest he have his own show. Not only is he a natural at teaching and being in front of a crowd, he also makes the most delectable food...and this one was all with mushrooms.

The menu was;

Missouri Pecan and Porcini Pate  
Mache Greens with Black Trumpet Mushrooms Tartlets  
Pasta with Morels in Cream Sauce  
Pasta with Morels and Oven-dried Tomatoes

Jerry showed us many tips about cooking like, always buy tamari that is 100% soy, not wheat or for tart or pie crust the Vienna Pastry Method is fool proof and delicious, every time or California or Spanish Olive Oil is best. Why? You'll have to ask him.

Each sampling course, which was really meal sized, was wonderful. Jerry is a master. Next time, and there will be a next time, don't miss it.

# Bi-monthlies, 2018

BY MAXINE STONE

For the past number of years, MOMS has had meetings every other month or Bi-monthly meetings. These fall on the odd months of the year; January, March, May, July, September, November. We have some very special guest speakers and events this year. Also, at meetings, do bring in your found fungi specimens so that we can discuss and hopefully ID them too.

## SAINT LOUIS BI-MONTHLY MEETINGS

**Tuesday, March 13, 2018**

**“Myxomycetes! The Enigma of Slime Molds.”**

Speaker: David Rose,

Place: Powder Valley Nature Center

Time: 6:00pm

David Rose is an archivist, writer, Contributing Editor to Fungi magazine, and past president of the Connecticut-Westchester Mycological Association (COMA). As archivist, he has organized the records of many mycologists and botanists at the New York Botanical Garden. He has also organized the archival collections of Charles Horton Peck of the NY State Museum and the records of the North American Mycological Association (NAMA). His column “Notes from Underground” in Fungi Magazine has covered such unusual topics as mushrooms in cinema, science fiction, ethnopoetics, and popular culture; the history of amateur mycology in the United States; and biographical portraits of musical composer John Cage.

David will present an illustrated talk and will explore the natural history of myxomycetes, commonly known as “slime molds.” Slime molds are colorful, harmless organisms that inhabit damp woodland environments. So perplexing to science that they have been classified variously as animals, plants, and fungi (they are actually protists), these organisms are remarkable for their delicate beauty and their surprising transformation from an animal-like to a plant-like stage. Though they are not mushrooms, slime molds reproduce by spores and have traditionally been studied by mycologists for their resemblance to fungi. You will totally enjoy David’s style and his unusual presentation on these interesting entities.

**Tuesday, May 8, 2018**

**“Exploring the Limits of the Humongous Fungus, Literally and Figuratively”**

Speaker: Dr. Johann Bruhn

Place: Powder Valley Nature Center

Time: 6:00pm

Dr. Johann Bruhn is an Emeritus Research Associate Professor in the Division of Plant Sciences and the Center for Agroforestry at the University of Missouri. He has spent a good part of the past 40+ years studying the biology and ecology of *Armillaria* species in temperate forests. Johann has also studied the biology and cultivation of edible mushroom fungi including shiitake and European black truffles.

Dr. Bruhn received his Ph.D. in Plant (Forest) Pathology, from the University of California – Berkeley,

Have you heard of the humongous Fungus? It’s the largest known terrestrial organism on the planet, accord-



ing to the United States Forest Service and was discovered 25 years ago. It is in the genus *Armillaria*.

Dr. Bruhn and his collaborators, Jim Anderson (University of Toronto), and Myron Smith (Carleton University, Ottawa) have continued their studies of Michigan's Humongous Fungus. It's actually much larger and older than originally thought. Their research has shown that the Humongous Fungus is exceptionally genetically stable, which may help explain its longevity. Johann is a superstar and has, with his collaborators, created a film based on their research. Do come to the Bi-monthly to hear about this all of the recent research on the amazing Humongous Fungus.

**July 10, 2018**

**Foray and Food Fest**

Place: Babler State Park, Cochran Shelter

Time: 4:00pm

Come to Babler State Park for a foray at 4:00 pm, or whenever you can get there. We will first check out the forest and find some mushrooms. Who knows, chanterelles may be up! After the foray, we will feast on the beautiful food that you have brought with you to share. Bring a dish to share and get ready for a fun-filled Foray and Food Fest. No speaker in July.

**September 11, 2018**

**"Treasures from the Kingdom of Fungi"**

Speaker: Taylor Lockwood

Place: Powder Valley Nature Center

Time: 6:00pm

Many years ago, while living in Mendocino, California, Taylor "discovered" mushrooms, bought a camera, and started taking photos. Today Taylor is an internationally acclaimed nature photographer specializing in beautiful and exotic mushrooms and other fungi from around the world.

He has garnered respect and acclaim from his mycological colleagues, from the media (through reviews and use of his images in many publications), and from his dedicated fans who come to see his digital multi-media shows and collect his images in the form of gallery prints, books, videos, and other mushroom-art products. He has built his image catalogue through many years of world travel.

Taylor will show us just a fraction of his incredible photos, many of which have been published in his gorgeous publications.

**If you can't come to this Bi-monthly**, Taylor will give his presentation to our chapters (all tentative at this moment) as follows:

- September 6, 2018, Springfield Conservation Nature Center, Springfield, MO
- September 8, 2018, Burr Oak Woods Nature Center, Blue Springs (near Kansas City), MO
- September 10, 2018, MDC Central Regional Office, Columbia, MO
- 

**November 13, 2018**

**"Annual Photo Show"**

Place: Powder Valley Nature Center

Time: 6:00 pm

Take photos all season. In November, put them on a flash drive and show them at our Annual Photo Show, where we can take a look at your beautiful creations. **Don't be shy. It's lots of fun!**

## [KANSAS CITY BI-MONTHLY MEETINGS:](#)

**May 19, 2018**

**“Mushroom Identification 101”**

Speaker: Sara Schuh .

Place: Burr Oaks Wood Conservation Area 1401 NW Park Rd. Blue Springs, MO

Time: 2:00

This class will cover basic fungal anatomy and techniques used to get one started on identifying mushrooms. Sara will touch briefly on ecology, collection methods, use of keys and microscopy. Sara Schuh is a family nurse practitioner who lives in Springfield, Missouri. She has been an active member of MOMS for 3 years, and is Vice President of the Springfield Chapter. Sara is interested primarily in field mycology as a hobby.

**July 21, 2018**

**“Everything You Always Wanted to Know About Lion’s Mane or *Hericium erinaceus*”**

Place: Burr Oaks Wood Conservation Area 1401 NW Park Rd. Blue Springs, MO

Time: 2:00

**September 2018**

**“Everything Fungi Art Exhibit”**

Place: Anita B. Gorman Discovery Center, 4750 Troost Ave. Kansas City, MO

The Kansas City chapter is having an Everything Fungi Art Exhibit for the entire month of September . They are accepting educational and native mushroom art submissions in the form of photos, drawings, and spore prints to showcase for the entire month of September. Contact Brittany Martinez at [bmartinez@momyco.org](mailto:bmartinez@momyco.org) or 816-695-3037 for more information.

**September 8, 2018**

**“Treasures From the Kingdom of Fungi”**

Speaker: Taylor Lockwood

Place: Burr Oak Woods Nature Center, Blue Springs, MO

Time: 2:00 (see above, St. Louis, September 11, for more information)

**November 3, 2018**

**“Medicinal Fungi”**

Speaker: Sarah Gamez

Place: Burr Oaks Wood Conservation Area 1401 NW Park Rd. Blue Springs, MO

Time: 2:00

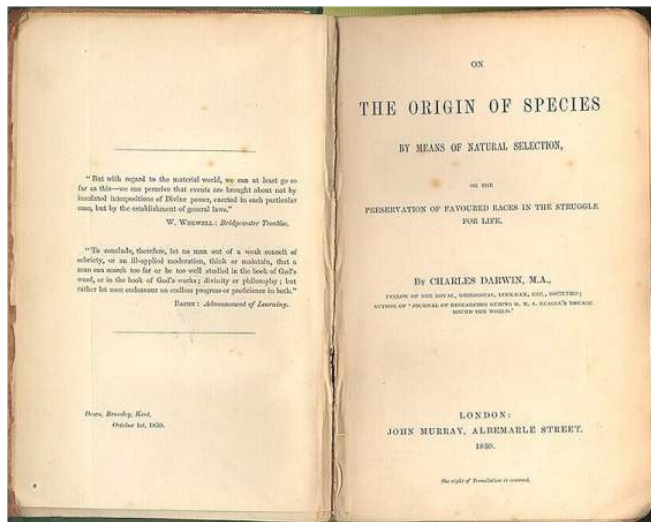


# The Rare Book Library Tour *in a glance*

By Salma St. John, Ph.D.

There is no doubt that libraries are gateways to knowledge and information; magical places that hold sparks that ignite the human imagination. Most importantly, they are theaters where very distant past comes alive and vivid in front of our own eyes. The Peter H. Raven library, which is a part of the Missouri Botanical Garden library in St. Louis, is an example of that. It is one of the most comprehensive libraries, both nationally and internationally, known for its rare books on botanical illustrations and history. This library contains more than 6,000 volumes which include the first printing of Charles Darwin's *On the Origin of Species* (below)

the botanic world. Plant illustration books were sometimes ordered to be made by people of wealth, refine taste, and love for plants, and that reflected their social status in society. Some plants began to gain familiarity and were valued for their benefits as well as medicinal values due to the circulation of their descriptions by describers, who were considered plant "explorers".



Of course, fungi illustrations have their share among the rare books collection which include names, classifications, and descriptions of mushrooms.



The rare books library was founded by Henry Shaw who established the Missouri Botanical Garden and started out with his own small collection of horticultural books that soon began to increase in size due to his connections with prominent circles of naturalists, botanists and scientists in the 19th century.

The rare books collection, which is housed in an environmentally controlled area, includes full-size plant illustrations related to botanical, horticulture, and natural sciences in many languages. It attracts scholars, researchers, and students – from all over the world – interested in the identification, classification, and conservation of plants. This rare collection of books shows how botanists and plant describers reflected the relationship between people and



Notice the mushrooms in the two groups of mushrooms that are given the classifications: to be eaten vs. poisonous

The Opus Ruralium Commodoru, authored by Peitro de'Crescenzi (1233-1320) is the oldest volume in the rare book collection dating back to 1474. The content of the book is about good farming practices in rural Italy at the end of the Middle Ages (below)



Temple of Flora, by Robert John Thornton, is another rare book with gorgeous English botanical literature and illustrations that date back to 1799 (below)



A group of MOMS members that attended the tour  
\*\*\* Thanks to MOMS very own Stephanie Kiel who arranged this beautiful tour for us. Many thanks also go to the kind tour guide and library staff.

Before the end of the 18th century, the intricate, beautiful old books were made by using different ways that can be grouped into two major methods: the relief printing (illustrators cut the pieces of wood they didn't need leaving a raised image that is inked and pressed against the paper using a press or pressure – see below), and the intaglio printing (an image is created by making grooves below the surface of a plate where ink is placed then pressed against the paper with pressure). Etching and engraving are some of the techniques used in the relief and intaglio methods.



Example of a wood plate where the relief method is used

As for paper, different materials were used to make old books such as wood, clay, leaves, cloth, metal, bark, and animal skin. The rare books were indeed awe-evoking and are considered botanical arts.



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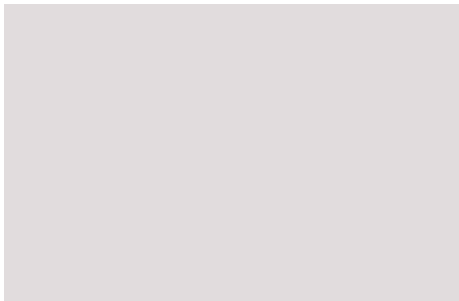


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## *MOMS MISSION STATEMENT*

- Foster and expand the need, understanding and appreciation of mycology.
- Provide education and training for the proper collection, identification and documentation of fungi.
- Provide a means for sharing ideas, experiences, knowledge and common interests regarding fungi.
- Support efforts to preserve natural environments in the State of Missouri.

## THANK YOU FOR SUPPORTING THE MISSOURI MYCOLOGICAL SOCIETY



*TBD*

*tbd*

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## MISSOURI MYCOLOGICAL SOCIETY

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