

# MISSOURI SOCIETY OF AMERICAN FORESTERS

2018 FALL NEWSLETTER

*Vol. 34, No. 2*



## **From the Chair**

*By Dan Dey, MOSAF President*

In October, I was able to go to the SAF National Convention in Portland, OR, and I attended the House Society Delegate (HSD) meeting for the first time as Chair of our Society. It was good to see the roundtable of Society Chairs from around the country and to hear from our national leaders. At the top of the list was a presentation by our new CEO, Terry Baker. He introduced who he was and discussed what he saw as important issues with SAF. First and foremost, he saw SAF as a community of foresters that spans from local chapters and societies to a more universal community in which any one of us would feel at home no matter where our travels took us. He wants to strengthen and develop this sense of community in SAF and broaden it to include other professional natural resource societies and nontraditional groups. The key to a healthy community is frequent and effective communication and a welcoming, inclusive attitude, especially toward other groups that may not normally interact with foresters or know who we are. This will lead to an increase in diversity in ideas, conversations, and viewpoints that enriches our community and improves our stewardship of natural resources.



There was a healthy discussion on membership and ways we could be more inclusive by welcoming people in technical positions, professional non-forestry positions, and others who are interested in, influence, and manage our nation's forests. There will be continued debate on who can be a member to maintain and increase SAF leadership in forestry through increased membership in a strong and vibrant community of people who manage and use forests. There will also be some work to do to bring our Constitution and by-laws into alignment concerning membership. The group recognized the need for employers to take on a stronger advocacy role in promoting membership and facilitating staff participation in professional societies. This is something that has declined significantly in recent years.

There were presentations on SAF organization, by-laws, budget, strategic direction, and membership by SAF national leaders. Clark Seely gave a presentation on promoting members as leaders by developing leadership skills and encouraging involvement in SAF leadership at all levels. To promote this, SAF has committed \$120,000 over the next 3 years to support leadership academy and training projects at the local level. They

will fund up to \$10,000 per event to help us provide leadership training to our society membership through the Advance Forester's Fund program. Applications are due in June and Clark Seely is the initial contact to help guide our proposal development. I would like you all to consider what would benefit us and if we would like to submit a proposal this year. We can discuss and vote on this at the upcoming MNRC. I am looking for anyone or group who would like to take on a leadership role in developing a proposal for MOSAF. There are other leadership opportunities at the national level with three positions open on the Forest Policy Committee, and anyone interested should contact Danielle Watson or John Barnwell and SAF National.

I look forward to seeing you all at the Missouri Natural Resources Conference in February!

## **MO Natural Resources Conference: "United We Conserve"**

*MNRC to be held Tuesday, February 5<sup>th</sup> through Thursday, February 7<sup>th</sup>, 2019.*

The Missouri Natural Resources Conference (MNRC) covers research from many disciplines and promotes wise use and management of Missouri's natural resources. This year we have two exciting plenary speakers for Wednesday morning, Brandon Butler and Bryan Richards. Workshops and contributed paper sessions will take place on Wednesday through Thursday afternoon. The conference helps fill voids in our professional careers and those voids can be summed up in one word: "networking". It is as important today as it was in the past to bring our diverse disciplines together not only to learn from each other but to focus on how a common goal has brought us together in our careers to conserve what we have.

For this reason, the MNRC steering committee has chosen the theme "United We Conserve" and invites all natural resource professional to not only attend, but to present their efforts at the 2019 conference. Come and participate, educate and help grow the mission of this conference. You can visit [www.mnrc.org](http://www.mnrc.org) to register for the conference. Registration is now open. See you there!



## 38<sup>th</sup> Central States Forest Soils Workshop Draws Nearly 140 Professionals to Van Buren

*By John Kabrick, Chair-Elect*

The 2018 Fall Technical Tour was held on October 9-11, 2018, in conjunction with the 38th Central States Forest Soils Workshop in Van Buren, MO. This workshop was hosted by the Missouri Association of Professional Soil Scientists and organized by Kyle Steele and Mark Abney. Our business meeting proceeded the Workshop Tuesday afternoon from 3:00 to 4:30 pm.

The Central States Forest Soils Workshop is an annual gathering of soil scientists, foresters, and other natural resources professionals to examine soils and to discuss how they affect forest composition, site productivity, and contemporary management issues. Each fall, the workshop is held in one of the six central states including Missouri, Illinois, Indiana, Ohio, Kentucky, and Tennessee.

This year's workshop was attended by about 20 MOSAF members and included more than 138 participants from NRCS, US Forest Service, MDC, MODNR, TNC, MU, Missouri State University, and other agencies and universities. Although most attendees were from Missouri, some traveled from as far away as Minnesota, Wisconsin, and Michigan!



*Scot Robinson, silviculturist, Mark Twain National Forest, talks about breaking the oak decline cycle by salvage harvesting and planting shortleaf pine seedlings. Red oak decline has become a widespread and chronic problem on acidic, droughty soils that once supported shortleaf pine and shortleaf pine – oak woodlands. Photo by Grant Butler.*

The Workshop began Tuesday morning with an optional pre-workshop float trip on the Current River from The Landing to Big Spring. Tuesday evening, we were welcomed to the Workshop by Clayton Lee, President of the Missouri Association of Professional Soil Scientists.

During the Workshop presentations and field tours featured soil and vegetation relationships on the Mark Twain's Eleven Point Ranger District related to work that Kyle Steele has initiated. Kyle is the Mark Twain's soil scientist and ecologist and is leading an effort to update soil and site information needed for managing the forests and woodlands on the District.

Presentations Tuesday and Wednesday evening included:

- Workshop History and the "Missouri way"—Mark Abney, Natural Resources Conservation Service and Donna Brandt, University of Missouri
- Soils, Geology and Landforms of the Eleven Point District—Dennis Meinert, NatureCITE
- Ozark Forest and Woodland-Soil-Ecology Relationships—John Kabrick, USFS Northern Research Station
- Missouri's Ecological Site Classification Project—Doug Wallace, Natural Resources Conservation Service
- Mark Twain National Forest Ecological Inventory Project—Kyle Steele, USFS Mark Twain National Forest
- Dendrochronology: decoding environmental changes with tree rings—Michael Stambaugh, University of Missouri
- Field stops on Wednesday (all day) and on Thursday morning included seeing and discussing:
  - Unmanaged stands on loamy soils with low base cation saturation where red oak decline was extensive and stands with similar soils where shortleaf pine woodlands were being restored;
  - Examples of salvage harvesting and shortleaf pine planting in declining oak stands on loamy soils with low base cation saturation;
  - A sequence of soils showing how soil pH, water supply, soil microbial community, and plant community differed with changes to the slope position and depth to and lithology of the underlying bedrock;
  - Missouri spring hydrology including spring recharge/discharge, dye-tracing methods, and relationships to the numerous sinkholes of the region.
  - Soil and plant communities around and in a sinkhole at a location where the soil texture became finer, the drainage became poorer, and plant species composition became more hydrophytic from the exterior to the interior of the

landform. David Cain, Archeologist for the Mark Twain, gave an overview of the artifacts found in the soil in this sinkhole and the story they tell about the use of sinkholes first by Native Americans and later by Euro-American Settlers.

The Workshop concluded Thursday afternoon with a stop at Big Spring and an overview of the spring and park history provided by National Park Service Ranger Cathy Runge.

The weather was beautiful, and we missed much of the rain that had been originally forecast. The workshop ran smoothly largely due to the excellent logistical support and planning provided by Steve Shifley and Dacoda Maddox. Overall, I think that everyone learned a lot and enjoyed the workshop! Attendees were eligible for 16 Category 1 CFEs.



*Foresters practicing texturing by “feel” in a soil pit. Being able to estimate texture class in the field is a handy skill for foresters when evaluating site suitability. Photo by Kyle Steele.*



*Mike Stambaugh, University of Missouri, explains how past fire scars are preserved in many shortleaf pine stumps found throughout the Ozark Highlands. Photo by Kyle Steele.*



*Kyle Steele, ecologist and soil scientist, Mark Twain National Forest, discusses soil characteristics and plant communities associated with sinkholes. Photo by Steve Shifely.*

## Student Chapter Update

*By Jake Esser, Student Chapter President*

The Mizzou Chapter of the Society of American Foresters has been quite busy this fall! After a change in leadership from the previous semester, we started the semester planning events for the fall, mainly our group trip to Portland, Oregon, for National Convention.

In order to raise funds for the trip, we held several fundraisers. First was our annual SAF BBQ in the courtyard of the Anheuser-Busch Natural Resources building. We sold burgers and veggie burgers with soda and chips for \$5 per meal and had a great turnout both within the School of Natural Resources and outside the school. Additionally, Sierra Halstead, one of our members, hosted a two-day bake sale in the foyer of ABNR and helped even more towards funding.



We also received a donation of \$250 from Garret Nowell at Independent Stave Company to put towards the purchase of a STIHL chainsaw. Joe Gray, our outgoing President, raffled off a chainsaw last year and we decided to keep with tradition. After receiving the funds, we then went to Ace Hardware in Columbia and purchased a STIHL MS180C chainsaw to raffle off. This gracious act from Independent Stave Company helped tremendously towards the total cost of attending National Convention. The trip was expensive, so every bit of help was vastly appreciated. We sold raffle tickets for roughly a month, and then generated enough revenue to cover the cost of lodging while in Portland.

We sent eight individuals to Convention this year, and everyone made memories to last a lifetime. Nathan Waller, Virginia Tharpe, Aidan Cornelison, and I represented Mizzou in the Quiz Bowl competition and finished 3rd place out of roughly thirty teams. Dr. Shibu Jose and the School of Natural Resources were very generous and willing to help us attend Convention. We used the funding from Dr. Jose and SNR to put towards the registration cost for each member.

So far, I have been extremely pleased with member participation and how much everyone has been involved. I must give a huge thank you to my officer team for the great work they have done this semester. Overall, this semester has been a great success so far and we now look forward to attending MNRC in the spring!



*Mizzou SAF members at the World Forestry Center in Portland. From left; Nathan Waller, Drew Anderson, Aidan Cornelison, Tyler Gerstheimer, Sierra Halstead, Jake Esser, Jacob Hart, and Virginia Tharpe.*

## **REMINDER: Renew Your Membership Today!**

Did you know you can renew your SAF membership right now if it expires at the end of the year? Don't delay, renew today! [www.eforester.org/renewnow](http://www.eforester.org/renewnow). If you have questions or need to make changes, contact 866-897-8720 or [membership@safnet.org](mailto:membership@safnet.org).

*(The following article is for you to share with your local paper. Modify as appropriate for your locality.)*

## **The Gift That Keeps Giving – Trees!**

Trees are nearly everywhere in Missouri. So much, that we often take them for granted. That belief resulted in the overutilization of trees throughout North America in the past. Thankfully, trees are resilient. They grew back. Continuing to give to us regardless of our thoughtless overuse. Since then, the Society of American Foresters has advocated and actively help manage our nations trees.

We now grow more trees than we use in Missouri and North America. In Missouri Trees are growing 2 times faster than they are harvested. This is because of proper management led by Foresters.

Trees are a renewable resource that provide many benefits. The trees that are harvested in Missouri are used for products around the country and world. The Missouri Forest Products industry added \$9.7 billion to our economy supporting 44,000 jobs.

While the trees are growing, they clean our water, store carbon, provide wildlife habitat, provide places for solitude and recreation, and clean the air. Foresters help manage this resource as it grows to provide all these benefits for you and future generations. When you have questions about your tree or forest, contact a Forester.



The Missouri Society of American Foresters (MOSAF) is a State Society of The Society of American Foresters (SAF). MOSAF and SAF is a professional society dedicated to sound forest management and conservation.

## Draft Meeting Minutes – October 9<sup>th</sup>, 2018 Business Meeting

By Rebecca Landewe, MOSAF Secretary

**Date:** October 9, 2018, 3:00 pm – 4:30 pm

**Location:** The River Centre at the Landing, Van Buren, MO

**Attendees:** MOSAF Members, Guests

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### Purpose

To welcome everyone to the 2018 fall technical tour and to begin planning for the 2019 Missouri Natural Resources Conference.

### Objectives

- Provide verbal reports from all standing Committees present
- Discuss pertinent forestry issues with general membership

### Agenda

#### 1. **Welcome** Lead: John Kabrick, MOSAF Chair Elect

- Meeting started at 3:10pm
- Welcome members, students, and guests
  - Jon Skinner
  - David Massengale
  - Chris Lohman
  - Gary Gognat
  - Bruce Palmer
  - Terry Gordon
  - Dustin Collier
  - Aaron Moore
  - Megan Buchanan
  - Bailer Yotter
  - Danielle Stevenson
  - Rebecca Landewe
  - John Kabrick
  - Joe Alley

#### 2. **Minutes from last meeting** Lead: Rebecca Landewe

- No minutes recorded at spring meeting

#### 3. **Treasurers Report** Lead: John Kabrick in lieu of David Vance

- Draft Account – \$12,017
  - \$594.37 earmarked for Student Sponsorships
  - Hank Stelzer has four students interested in signing up
- \$119.60 – Share
- \$18673.07 – 6-month CD
- \$18611.85 – 12-month CD

- \$10521.81 – PLT Money Market

#### 4. **Fall Technical Tour** Lead: John Kabrick

##### 38<sup>th</sup> Central States Forest Soils Workshop

- Noted content and tours as part of this week's workshop will focus on soil mapping ongoing under Kyle Steele at the Mark Twain National Forest
- Workshop begins with introductory information about soils in forest environment, followed by 1.5 days of field tours
- John requested input on technical tour for the spring meeting, which can be further discussed at the February business meeting during MNRC

#### 5. **Committee Reports** (20 minutes) Lead: (Committee Chairs)

- Audit (Megan Buchanan)
  - Completed the annual audit and we passed
- Communications (Jon Skinner)
  - Moving along well, with website continuing to be updated and maintained
- Council, Fellows and Awards (Jim Barresi) – no report
- Education (Dan Dey) – no report
- Long Range Planning (Dan Dey, Nate Goodrich, Joe Alley) – no report
- Membership (Hank Stelzer)
  - Emailed a report to share
  - 157 active members – including 15 new members (including 11 students)
  - 44 members (including 16 students) have a lapse in membership
- Nominating (Gus Raeker) – no report
- Policy and Legislation (Matt Jones) – no report
- Program (John Kabrick)
  - See notes above about Central States workshop
- Special Funds (David Massengale)
  - Commented on quality of cutting boards that are donated to SAF for MNRC
  - All are encouraged to start collecting items for the silent auction at MNRC
  - David will work to get chainsaw donated for the fundraiser
- Tellers (Aaron Moore)
  - 6 MOSAF members do not have internet access – mailed out ballots last week
- Forest Science (Ben Knapp) – no report
- Newsletter Editor (Chris Lohman)
  - Collecting articles through the month to compile into a fall newsletter
- Website (Jon Skinner) – no additional information
- MNRC Steering Committee (Jon Skinner)
  - Feb 5-7, 2019 – Tuesday – Thursday
  - MOSAF meeting will be Wednesday, Feb. 6<sup>th</sup> in the afternoon
  - MOSAF hosts in 2020 – team is shadowing the 2019 team to learn planning process and are already lining up presenters
  - New MNRC website is up and registration is open
- Historian (Dave Larsen) – no report

## 6. Reports from National Office

- HSD Meeting & National Convention Overview (someone in lieu of Dan Dey)

## 7. Old Business

- No old business

## 8. New Business

### a. MNRC 2019 Lead: John Kabrick with a message from Dan Dey:

- Please attend!
- Please consider submitting a forestry poster or talk
- Abstracts are due C.O.B. October 15<sup>th</sup> (Monday)
- MOSAF directed workshop: *The White Oak Initiative*
  - Intending to gather experts to share information on white oak industry, future of resource
  - Discussion/suggestions of potential additions to panel/workshop
- Another note to start collecting items for silent auction
- Discussion about additional workshops at MNRC on forestry related topics – Megan discussed assembling a proposal on forest management for birds and other wildlife habitat management – Forestry for Wildlife
- Chris Lohman made motion and David Massengale seconded motion for MOSAF to support the two proposed workshops – The White Oak Initiative and Forestry for Wildlife topics. Motion approved.

## 9. Reports from Agency Representatives

- Mark Twain National Forest
  - New fiscal year, budgets unknown and there are changes in how funding is allocated
  - USFS is still considering MDC's recommendation to prohibit feral hog hunting on USFS land
  - Tom Haines, Salem District Ranger, retiring at end of January
- FS Northern Research Station
  - Budget unknown, but expecting cuts with tighter restrictions on travel
  - Noted new addition to Lauren Pile, Professional Management Fellow, interested in silviculture related to invasive species
  - Dacoda Maddox is new technician with the Northern Research Station
- Natural Resources Conservation Services
  - Drought impacted sign-ups this year
  - EQIP sign-up announced with deadline of November 16<sup>th</sup>
  - Waiting on new farm bill for information on Conservation Stewardship Program (CSP)
  - 2 positions open – Forester in Rolla and State Forester
- University of Missouri – no report
- Missouri State University – no report
- Missouri Department of Conservation

- Lisa Allen, State Forester, on extended detail as President of National Association of State Foresters – John Tuttle and Justine Gartner detailed to position for 6 months each
- Missouri Consulting Foresters
  - Shared information about fall meeting and field tours
  - Call Before You Cut program – still administering the program and doing site visits
  - ~ 44 members, including 9 retired
  - Most foresters have backlog of work
- Missouri Forest Products Association – no report
- L-A-D Foundation/Pioneer Forest
  - Completed inventory this past winter
  - Working on growth calculations with Dr. Larsen
  - Ramped up feral hog trapping
  - Neal Humke has fire crew starting this month
- The Nature Conservancy
  - Winter burn crew starting this winter
  - Organization adding emphasis areas in urban, energy, and ag
- Crawford Electric
  - Discussed need for employees – have openings and need qualified individuals
  - Due to hiring issues with migrant workers were unable to spray invasive species last year
  - Have a heavy workload with 3,000 miles of line to maintain with issues of oak decline, weeds, etc.

## 10. Adjourn

Central States Forest Soils Workshop begins at 6:00 pm at The River Centre at the Landing.  
Meeting adjourned at 4:17pm.