



Missouri Society of American Foresters

2017 Spring Newsletter – Vol. 33, No. 1

From the Chair

Nate Goodrich, MOSAF Chair



Greetings MOSAF! The turkeys are gobbling, the morels are popping, the crappie are biting, the ticks are crawling, and the daily high temps are either in the upper 80s or lower 50s depending on the day. Spring is a great time to be a Missourian (unless its fall, then the same applies)!

I would like to again extend my congratulations to our Karkhagne Award winner for 2017, Dr. David Larsen. Also, congratulations to Paul Johnson on receiving the first ever MOSAF Outstanding Forester Award. Both award presentations can be found later in this newsletter, highlighting the achievements of these two dedicated members.

I encourage you all to stay abreast of happenings within SAF at the National level. In the March issue of the Forestry Source, 2017 President Fred Cabbage shared his vision for the Society. His primary concerns should not be surprising: membership and annual operating budget. One of these continues to trend downward, while the other does the opposite. President Cabbage is working with the Board of Directors and the CEO to “protect our resources and funds for future SAF members.”

Part of this discussion relates to the Gifford Pinchot Building, located in Bethesda, Maryland. The 89 year old mansion has served as SAF’s headquarters since the mid-1970s. As you can imagine, the upkeep and maintenance on such a building can come at a tremendous cost. I, and maybe some of you, was recently asked to participate in a survey regarding the future of the SAF headquarters. I will be open and honest – I understand the sentimental value of maintaining the HQ. However, in my opinion, the costs to do so cannot be sustained. A possible solution is to sell the building and surrounding land and move the HQs out of the Washington D.C. area to a part of the country where the cost of doing business is more in line with our [SAF’s] income and may even allow for a balanced budget in the future. I’m sure some of our members will disagree with me, and I understand and respect your views. But we all must realize that continuing with deficit operating budgets while membership dues continue to decline, partly due to decreasing members and partly due to the age of members reaching the Golden member category (no dues), is not a viable option. Nor is the continuation of dipping into the reserves from the sale of the property around the Pinchot Building that occurred several years ago. Stay tuned and feel free to send your thoughts to me, Lee Crocker – District 9 Board Member, or Matt Menashes – SAF CEO.

On a more cheerful note, I am excited about the upcoming Summer Workshop where we will visit facilities and field sites related to Missouri’s great white oak, barrel, and bourbon industries. I hope to see you there!

MOSAF Award Recipients Announced at Missouri Natural Resources Conference, Tan-Tar-a Resort, February 2017

by Nate Goodrich, MOSAF Chair

The following presentations were given by Nate Goodrich during the MNRC awards ceremony.



Nate Goodrich with Dave Larsen

Karkhagne Award

Dr. David Larsen – Professor, University of Missouri-Columbia

The Karkhagne is a mythical beast that was reported to roam the forests of Missouri in the past century. It is covered by fur, feathers, scales and armor plate, has a diet of limestone section corners, and can quickly escape humans or other carnivorous pursuers by completely engulfing itself within the recesses of its own hip pocket. It is the subject of considerable folklore and legends about forestry in Missouri in the early twentieth century. The Karkhagne not only symbolizes the importance of Missouri's forests to all creatures, it also represents the unique and sometimes harsh nature of forestry at the turn of the last century.

The Missouri Society of American Foresters has selected the name and image of the Karkhagne to represent its highest honor in recognizing a forester for his (her) contribution to forestry in Missouri. The Karkhagne Award is presented to a forester for outstanding achievement in forestry and service to the forestry profession.

It is my distinct pleasure to have the opportunity tonight to present the 2016 Karkhagne Award. It seems right and fitting to present this award to a person who grew up in the forests of the Ozarks where the Karkhagne has roamed, the small town of Ellington, where as a young man he became an Eagle Scout, played with radio controlled planes, did some work working – including the manufacturing of custom made dulcimers, and even bucked slabs one summer for the local sawmill. With sawdust in his lungs and splinters in his hands, he later went on to work for Pioneer Forest, initially doing Timber Stand Improvement and then moving up to working on their periodic forest inventories. Following some formal education he went west and worked for Oregon State doing inventory work in the southern part of the state among other duties.

Speaking of formal education, the recipient received his Bachelor of Science in Forestry from the University of Missouri – Columbia in 1978 and his Masters of Science also from MU in 1980. He later attended the University of Washington in Seattle and received his Ph.D. in 1991. While in Washington he managed a couple of studies in the Mount St. Helen blast zone.

The recipient has been a member of the Society of American Foresters for 38 years and has served as the Silviculture Working Group Chair, Vice Chair, and Secretary at the National level, the MOSAF Secretary/Treasurer, Chair-Elect, Chair, and Webmaster at the State level, and currently serves as the Mizzou SAF Student Chapter Advisor. He was also recognized as an SAF Fellow in 2013.

Our esteemed colleague has too many professional accomplishments to list. Some are as follows:

- Instructor in the Silviculture Institute for Federal agencies
- Taught Forest Stand Dynamics in Missouri, a 1 week course, at least 10 times
- Taught National Advance Silviculture Program for Federal agencies
- Web Master and email host for national Silviculture Instructors group
- Officer in several Amateur Radio groups
- Instructed and mentored hundreds of forestry students and probably as many professionals

As the nominator described our Karkhagne recipient, “he is soft spoken, yet approachable. He is able to communicate complex theory and technical information in a way that is understandable and applicable to practitioners.” Or better put by his brother, “The general consensus is that he’s real smart and will probably always wear Birkenstocks.”

Please welcome me in congratulating the 2016 Karkhagne Award winner, a professor of forestry specializing in Quantitative Silviculture, Forest Stand Dynamics, and High-Resolution digital Aerial Photogrammetry, Dr. David Larsen.



Paul Johnson with Nate Goodrich.

MOSAF 2017 Outstanding Forester Award

Paul Johnson – Missouri Department of Conservation

The MOSAF Outstanding Forester Award is presented to an individual or small group to recognize significant contributions to advance forestry or forest management in Missouri in a calendar year. Consideration is given to far-reaching impacts or contributions that go above and beyond normal job duties and address the objectives of the Society of American Foresters.

The winner of our first ever Outstanding Forester Award is Mr. Paul Johnson! Paul began his career as a Missouri Department of Conservation Resource Forester Assistant in Fulton in 2007 and became the Resource Forester in Camdenton in 2011, the position he holds today. The Camdenton service area has one of the busiest workloads in the state, including 31 Conservation Areas and Accesses covering over 9,000 acres. Paul also has an active private land workload covering 3 counties and currently serves as the Camdenton Fire Zone Manager, covering 9 counties in 3 different regions. While completing these tasks, Paul also supervises one of the largest work teams in the state.

On top of his day and sometimes night job, Paul is very active in MOSAF. He has been a member since he was in college and has continued on in his professional career. Paul has excelled as the membership committee chair, going out of his way to keep the Mizzou Student Chapter engaged and connected through direct contact with student members and by recruiting new forestry students at annual barbeques on campus. Congratulations Paul and thanks for your dedication to the resources of the state and to your professional society!

Blackjack Award

Dan Dey – US Forest Service Northern Research Station

And last but certainly not least.... In addition to being our current Chair-Elect and Program Committee Chair, Dan Dey was “*selected*” as the 2017 recipient of the coveted Black Jack Award this year at MNRC. Outstanding! And thanks to all who “voted” for Dan. In this case, your vote really does count (\$1.00 at a time)!



David Massengale (left) presents the Blackjack Award to Dan Dey during the winter business meeting at MNRC.

Mizzou SAF Student Chapter Update

by Luke Stancil – President, MU SAF Student Chapter

Attendance to MNRC was superb with around 12 or 13 students present. Many participated in the job fair/ networking activities. Some students brought up discussions with the executive committee on improving the scholarship selection process and issues with dual majoring (Forestry/Fish & Wildlife) being limited to only one application.

Spring BBQ Fundraiser: The spring BBQ ended up being a huge success. Around 400\$ was grossed and 250\$ net funds raised. We lucked out with the weather and it ended up being a perfect day for it!

Our next meeting is on 4/27/17 and we will elect new officers for next year.

We are in the process of planning a student lead field day next fall (looking for input on exact date) at the Baskett Research Center in Ashland, MO. This field day will include a tour of the property and a look at a timber harvest marked by students. CFE's should be available. Lunch will be included with the registration. Current estimates for cost will be: 20\$ and the event will run from around 9:30 – 3. Details are still being discussed, a more defined schedule will likely be available at the spring/summer MOSAF meeting. We would like to thank the MOSAF chapter for their support, it means a lot to our chapter to have mentors that care about us and our future.

Editor's Note: I am super-excited about this planned student field day. This is a great way for the students to gain experience and the registration fees will hopefully provide a new revenue source to fund attendance at conferences and other events. Let's all plan to support this student venture!

Treasurer's Report

by David Vance – Treasurer

As of 2/28/2017:

Regular Share	\$119.06
6 Month Certificate	\$18,554.24
12 Month Certificate	\$18,445.37
Checking	\$10,711.94
PLT	\$10,867.53

MOSAF has received \$800 of the \$1,000 Foresters' Fund Grant for the Ag Teacher Training.

Water, the Magic Elixir!

by Jon Skinner – Communication Committee Chair

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

Already most of Missouri is listed as having some level of drought this year (<http://droughtmonitor.unl.edu/Home/StateDroughtMonitor.aspx?MO>). Trees need water, lots of it. It is common for us to water newly planted trees. They need an average of 20 gallons of water per inch diameter measured 6 inches above the root flare. Established trees are often left to fend for themselves. During times of drought, the established trees can deal with it better, but have consequences for not having enough water.

When a tree does not have enough water for a long period it becomes stressed. Like people, when a tree is stressed its natural defense system is compromised and it becomes susceptible to attack from various pests. Pest attacks are sometimes recovered from fully, sometimes recovered from but the tree is weakened leaving residual stress, sometimes more pests pile on, sometimes the tree finally succumbs and dies. This process can be short or take years to occur. In extreme drought, trees like people, die due to the lack of water.

When a tree has adequate water, it stays healthier, can resist attack from pests better, grow well, create fruit and nuts, and provide benefits to its environment. When a tree is stressed, getting it adequate water allows it to start recovering and protect itself better.

So what should you do, water your new trees correctly and provide supplemental water to established trees when we are dry. An equivalent of one-half inch of rainwater over the entire root system (often larger than your yard) will go a long way to help your tree.

Spring Meeting is set for June 6-7, 2017

by Dan Dey – Chair-Elect and Program Coordinator

MOSAF summer business meeting and field tour will occur on June 6-7, 2017. The tour will focus on oak silviculture in the face of rapid white oak mortality, and the cooperage and distillery industry of mid-Missouri. On June 6 at 1pm, we will gather at New Florence Wood Products where Chad Cook will lead a tour of their facility and discuss topics such as stave log procurement, log specifications and quality, processing, etc. From there we will visit Wood Hat Spirits in New Florence to tour their distillery and enjoy a taste testing led by Gary Hinegardner. Then we drive on to Hermann where we will overnight at the Hermann Crown Suites. We will have a group dinner on the evening of June 6, 2017 at the Tin Mill Restaurant, which will be followed by our business meeting to be held back at the hotel.

We will start the day off on June 7 with a tour of the Huzzah Conservation Area led by Mark Johanson and other staff from MDC. Huzzah is a unique area and is in one of MDC's 9 priority geographies. At Huzzah we will participate in discussions on management in the face of rapid white oak mortality, fire effects from prescribed burning, and TSI that will be led by managers, loggers, log buyers and scientist Sharon Reed, who is an expert on rapid white oak mortality. At noon we will drive to McGinnis Wood Products in Cuba, MO where Don McGinnis and staff will host us on a tour through their mill and discuss white oak procurement, manufacturing and markets. The meeting will end after this tour.

The June meeting has shaped up to be an exciting tour that includes several aspects pertaining to the management of the oak resource in mid-Missouri and the jobs and industries that rely on that important resource. The event qualifies for 12 SAF credits of category 1 CFE. Be sure to get your registration in to David Vance early so you don't miss out on this great opportunity, and make your reservations at the Hermann Crown Suites ASAP. The registration form is available on the MOSAF.Net website.

A Sweet Confession

You've all heard about it, maybe you have a friend who does it. Maybe *you've* tried it. Maybe you are ashamed to admit that you liked it, maybe you are conflicted by your feelings. Well, sometimes its best to face your demons and make a confession. That's what I want to do right now, right here. So here goes.

Hello. My name is Jee. I'm a Missouri Forester and I make maple syrup.

There I said it. I feel better already. Feels good to say it out loud, in front of my peers. Let me tell you my story.

I've been doing it for a few years now. And I can't stop. I don't want to stop. It seemed innocent enough at first. Just try a few trees, *they* said, it's fun. I see all of the smiling people in the "how to make your own maple syrup" books and I know *they* can't be wrong. What can it hurt? The syrup is so good, and making it is easy, *they* said. Well, they were right about one thing – the syrup is good, it's the hook that won't let go. But easy to make? Not so sure about that. But I keep doing it, because I can't stop. All I can think about is the syrup.

Every spring I say it's my last – stop the insanity! No more stumbling up and down hills with mostly empty buckets, in the dark. No more hoping I didn't tap too late or too early. No more 40:1. But then I watch our syrup stores dwindle through the summer and fall. Then an overzealous guest uses a few too many ounces on their pancakes. And then my wife suggests that we give some of our best syrup away for Christmas gifts, to our family and friends. To my *enablers*. And I know that now I have to go back and start the process again. So I watch the forecast, hoping for the best Vermont-like weather that Missouri has to offer. When the time is right (?), I stumble into the woods in a sugar-frenzied stupor, drill in hand, and start the process all over again.

We only have eight maple trees large enough to tap on our "sprawling" homestead. I need more trees to feed this machine, to keep our *customers* happy, coming back for more. I have several smaller maples, but they aren't growing fast enough to suit me. They have work to do, but they mock me as only slow growing, youthful, pole-timber can. They need more space to grow; I will *force* them to grow faster. I'm focused on this. I have a chainsaw, the teeth are dull but will cut well enough for what I have to do. In a fit of what can only be described as *sweet lust*, I kill five young, healthy trees. And three of these are red oaks! Oh the dendrological horror I have wrought! But now the one maple *must* grow faster, it has no choice. I *will* tap this tree in three years. I know what you are thinking...would he *really* commit such an atrocity? Kill an oak to grow a maple? Well, they say a picture is worth a thousand words. Take a look for yourself and maybe you will believe, maybe you will begin to understand.



Silvicultural sacrilege

Thank you for listening, for letting me get this off of my chest. I hope my story will help some of you. You know who you are...

MOSAF Winter Business Meeting Minutes January 2, 2017, Tan-Tar-a Resort, Osage Beach, MO

by Russell Hinnah – Secretary

Called to order--3:35pm

1. Intro Lead: Nate Goodrich, MOSAF Chair

- Welcome members, students, and guests
- Introduce invited guests and dignitaries

2. Minutes from last meeting Lead: Russel Hinnah

3. Treasurers Report Lead: Frances Main, David Vance

4. Fellow Awards Lead: Nate Goodrich

- Awards were presented to Francois Main and Hank Steltzer

PLT presented an award to Frances Main for her work.

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

- Audit (Mark Nelson)
 - Follow up
- Communications (Jon Skinner)
 - Showed poster for display
 - Keeping the website up to date
- Council, Fellows and Awards (Mike Hoffmann)
 - Mike will get info out to a small committee to judge scholarships
 - Gave info for Outstanding forester award
 - Two Fellows applied under the new rules, he will be working with Shelby Jones
- Education (Dan Dey)
 - Make sure your CFE credits are up to date on the website
- Long Range Planning (John Tuttle)
 - Work on long range plan written by Joe Alley
- Membership (Paul Johnson)
 - 167 members, up three
 - 2 month grace period on membership
 - Sending out letters to former members
 - Wanted to thank everyone for their contribution to student fund
- Nominating (Gus Raeker)
 - National will not support electronic balloting
- Policy and Legislation (Matt Jones)
 - Legislative session is full swing, no bills related to forestry
- Program (Dan Dey)

- In May or June there will be workshop on White oak and distilling industry
 - Fall meeting will be a joint meeting with Iowa SAF in Kirksville
- Special Funds (David Massengale)
 - \$793 dollars on silent auction
 - Leftover items will be at the fall meeting for a raffle
 - Dan Dey won Blackjack Award
 - Mike Morris won chainsaw
- Tellers (Aaron Moore)
 - No report
- Forest Science (Ben Knapp)
 - No report
- Newsletter Editor – (Joe Alley)
 - Keep sending in articles
 - Maybe need a change to newsletter, possibly social media, constant contact
- Website (Jon Skinner)
 - Website is going well, national is happy with it
- MNRC Steering Committee (Jon Skinner)
 - Want feedback on the unique sessions to each society
 - 760 registrations
- Historian (Greg Hoss)
 - 8 boxes of historic documents in his basement has been trimmed to 1 box
- Mizzou student chapter
 - Spring fund raising—bbq, professional workshop,
 - 12 attendees at conference
 - 3rd place at national quiz bowl

6. Reports from National Office

- HSD Meeting Overview (Nate Goodrich)
 - 1750 attendees at national convention
 - Member survey, Missouri reported 5% engaged, 32% somewhat, 63% not engaged, look for ways to get members involved
 - National is creating 3 new award; diversity, student, employer
 - No longer get assistance with local elections
- Board of Directors Meeting Summary (Nate Goodrich)
 - National is 11,417 members
 - 65% of membership is over 60 years of age
 - National put out draft diversity and inclusion policy
 - Proposal of \$800,000 to pay off debt
 - National is looking at revamping building
 - Mike and Shelby are working on fellows nominations.
 - Justine reported on national recruitment committee. Report was turned in December of 2015. No action

7. Old Business

- Forester Recruitment Committee (Justine Gartner, chair)
 - Working on getting the committee together
 - Nate gave example of other state having a FFA field day; active logging site, sawmill, forest management examples

8. New Business

- Student Chapter at Missouri State University (Dr. Michael Goerndt)
 - Talked with national about SAF student chapter, national gave approval, need signatures on petition
 - Started forestry club
- Forester Fund Application (Hank Steltzer)
 - Toolkits for teachers
- Forestry workshop for Biology teachers
 - June 8-10

9. Reports from Agency Representatives

- MTNF (
 - New forester supervisors Tony Crump, Sherrie Schwenke
 - Forest Health project will be out this summer
 - Hiring freeze at this time
- FS Research Station (Dan Dey)
 - New station director, Tony Ferguson
 - Working on fire effects on timber value
 - Shortleaf pine book coming out
 - Working on updating Paul Johnson oak book
- NRCS (Nate Goodrich)
 - Hiring freeze
 - Did get four new soil health specialist hired
- University of Missouri (Hank Steltzer)
 - Department restructuring
 - MU is accredited, three programs
 - New director in the next couple weeks
 - Student numbers are flat
 - Dean search for the school of agriculture
 - Agroforestry Research station
 - Annual chestnut roast, 3,000 people
 - Medicinal plant symposium, 1000 people attended
- Missouri State University
 - Now have a forestry minor
 - New properties to do projects
 - Now college of agriculture
- MDC
 - New director
 - Getting ready for first audit from SFI
 - Forest Cropland was revised. Now called Missouri Managed Woods

- 2016 for 40th anniversary celebration, looking for new TC USA communities
 - Working closely with new Mark Twain supervisor
 - Nursery open house on April 1st.
- Consulting Foresters
 - Winter meeting February 23 and 24
- Others?

10. Adjourn—5:26pm