

# MISSOURI SOCIETY OF AMERICAN FORESTERS

2024 SPRING NEWSLETTER

Vol. 40, No. 1



## MNRC 2024 Recap

*By Jon Skinner, MNRC Steering Committee*

This year was MOSAF's year to organize the conference. Eleven SAF members worked for the last three years watching and helping in order to lead a successful conference in 2024. These individuals held a wonderful conference. The topics presented were broad, people that never attended MNRC before were attracted to the diversity of topics they found interesting.

The first Plenary Speaker was Dr. Robert Kipfer. He showed how education affected his and his wife Barb's decisions on their property and how they took the knowledge they have learned and now share it with their neighbors, and greater community.

Plenary Speaker Jody Miles shared how the way we present can pull people into the concept you are sharing. Her non-profit continues to educate people of all ages about nature and its benefits.



*Dr. Robert Kipfer speaking during the plenary session.*



*Jody Miles speaks during the second plenary session.*

Throughout the rest of the conference, we learned from the posters, presentations, and workshops shared by students, research professionals, experts in their field all so we could become better at what we do. Topics were as varied as the four societies that host the conference and the education topics sprinkled throughout.

With all the formal education, we forget about the informal education that also occurs during the Mixer, breaks, and meals. We share ideas, concepts, "how-to's" and more as we talk with old and new friends, and exhibitors.

We also did a lot of mentoring. It started with the Career Expo where those looking for a job, advice on how to be in an interview, review of their resume, or how to apply for a federal job, were provided with these opportunities. It was an overwhelming success with approximately 140 students attending this event alone. The Wednesday luncheon was also a great success. MNRC hosted 125 students for a free lunch. All they needed to do was be open to learning from the experience you shared. This was not a MOSAF concept but continued from the 2023 conference. From both years, I have only heard it was well worth the time and effort from both students and professionals.



Over 140 students attended the Career Expo.

MNRC 2025 will be February 19–21, 2025. I encourage you to place it on your calendar now. The theme of *Collaboration in Conservation—Celebrating Differences and Building Bridges* provides opportunity for all to learn. Watch the MNRC.org website for details as they are finalized.

Sam Kosark has accepted to role as Chair of MNRC 2028. I have committed to help him with this and encourage all of you to volunteer. MNRC cannot occur without a group of individuals willing to plan, organize, and hold the conference. If you don't lead MOSAF with this role, who will? If no one will, MNRC could become a thing of the past.

**THANK YOU to our MRNC 2024 planning team!**

**MNRC 2024 Team**

- |                 |                   |
|-----------------|-------------------|
| Tyler Bradford  | Mike Fiaoni       |
| Casey Hawes     | Kristen Goodrich  |
| Paul Johnson    | Dacoda Maddox     |
| Justine Gartner | Lauren Pile Knapp |
| Mark Johanson   | Michael Goerndt   |
|                 | Sam Kosark        |



## MOSAF Recognizes Award Winners at MNRC

### Outstanding Forester

The MOSAF Outstanding Forester of the Year Award is presented annually to recognize exemplary efforts and significant contributions to advance forestry or forest management in Missouri during a relatively short period of time.

The 2024 Outstanding Forester award was presented to Hank Stelzer. Most who know Hank also know that he is a tireless proponent of

the discipline of forestry and of forestry education in Missouri. During the past several years, Hank has been teaching key classes including dendrology, forest management, forest health, urban forestry, and the forest products utilization summer class, and filling in whenever there is a need. He has advised the forestry club and currently advises the SAF student chapter at Mizzou. He has helped secure funding to support additional forestry positions at the University of Missouri.



*Hank Stelzer (center) is the recipient of the 2024 Outstanding Forester Award.*

The year 2023 has been an exceptional year for Hank's effort, even by his ambitious standards. During the past year Hank was recognized by CAFNR in receiving the J.W. Burch State Specialist Agricultural Extension Award. His many accomplishments that he has worked diligently during the past few years culminating in 2023 include:

- Securing \$700,000 representing 16 Missouri-based forest-related and wood products organizations for five-year Mizzou Sustainable Forestry Initiative. This included hiring full-time Sustainable Forestry Extension Forester (Brian Schweiss) who also bolstered the forestry curriculum at MU.
- Securing a \$300,000 partnership with Independent Stave Company, Beam-Suntory, and NRCS for establishing a three-year Extension position in the Missouri River Hills Region to engage family forest landowners in the region.
- Directing four feral hog Extension educators as part of the Feral Hog Elimination Partnership. The team's focus has been engaging landowners throughout the Ozarks and securing permission for eradication efforts. Since the program



began, there has been a 65% reduction in the number of watershed in feral hog activity.

- Serving as faculty advisor to Mizzou Student Chapter of MOSAF.
- Initiating an endowment among Mizzou Forestry Alumni to sustain the Mizzou tree canopy and support urban forestry education. There is a Mizzou Forestry Alumni tree planted in front of Switzler Hall on the northeast corner of the Francis Quadrangle on the MU campus.
- Working with the CAFNR Division of Plant Sciences to expand the College's and forestry program's offerings by developing an Urban Forestry Certificate.

Hank remains the forestry profession's greatest supporters her in Missouri. He routinely goes beyond to support forestry education and professional development. Without a doubt we can say that there is no better ambassador for the profession of forestry than hank. He has had an exceptional year helping build and expand the University's and Extension's capacity to provide a high-quality forestry education in the state.

Congratulations Hank on your well-deserved award!

### **Karkhagne Award**

The Karkhagne Award is presented to a forester for outstanding achievement in forestry and service to the forestry profession. The Karkhagne—a mythical beast reported to roam Missouri's forests in the past century—is the subject of considerable folklore and legends about forestry in Missouri that symbolizes the importance of forests to all creatures.



*Jim Guldin (left), presents Jason Jensen (right) with the 2024 Karkhagne Award.*

This year's Karkhagne Award was presented to Jason Jensen. Over the past three decades, Jason has had an extraordinary influence on the practice of active forest management on MDC lands and private lands in Missouri in ways that meet ecological and resource management goals,

as well as build the community of professionals to safely harvest trees. Just some of the key elements of Jason's work includes:

- Provided leadership across multiple agencies and organizations for the passage of the Missouri Prescribed Burning Act in 2021. Jason developed a white paper and met with the Missouri Insurance Coalition. Since the passage of the bill, the use of prescribed fire has expanded in Missouri.
- Pioneered technical work to determine the most effective ways to regenerate shortleaf pine on MDC lands. Jason experimented with a variety of methods to regenerate pine, resulting in an MDC case study.
- Provided hands-on leadership in logger training through the PTH program, jointly sponsored by MFPA and MDC, since the program began in 1997.
- Served as MDC Government Relations Specialist at the State Capitol in Jefferson City from 2012-2015, during a period where a number of contentious issues were debated.
- Served as the MDC Feral Hog Incident Commander from 2019 to 2023. During that time, MDC established the unified incident command system for feral hog operations. His leadership was also instrumental in MDC being awarded a \$4.5 million grant from the Farm Bill for the elimination of feral swine.
- Jason helped change how MDC awards timber sales on agency lands using the "Best Bid" system and implemented a new performance-based timber sale administration program.
- Jason has helped implement more than \$6 million in forest products-related grants for MDC, including the Fuels for Schools grant and a CIG grant for implementing BMPs on private land timber sales.
- Jason worked to profitably utilize small-diameter forest products on MDC lands using a bartered service timber sale process that reduce red tape in obtaining services associated with timber sales.

Jim Guldin, who nominated Jason for this award, says, "Every state forestry agency needs a professional expert who advocates on behalf of active forest management for private family forest landowners, and who provides ways for the state forest management agency to help those landowners. Jason fills that role for MDC, and does so superbly."

Congratulations Jason on your well-deserved award!

## SAF Student Chapter Update

*By Shaun Ballard, SAF Student Chapter Chair*

In December of 2023, the Mizzou Forestry Club/SAF chapter elected Shaun Ballard as President, Alisen Chapman as Vice-President, Sammy Hentrich as Secretary, Kari Leake as Treasurer, and Morgan Silanskis as Social Media Manager. Currently, the two clubs operate in tandem. The new officers have been busy with the clubs planning volunteer events, professional development, opportunities, and other events for the members of the clubs.



*Student chapter members pose for a picture while tapping maple trees for syrup at the Baskett Wildlife Area.*

Earlier this spring, Members headed to University of Missouri, Columbia's Baskett research forest to tap maple trees for maple syrup production. an opportunity provided through Benjamin Knapp and Mizzou. Also, the Columbia Raptor Rehab Project reached out to members to help with invasive species removal on the RRP grounds. Partnering with two other organizations, the club was able to make a big difference removing these invasive species from the property.



For professional development, members attended the Missouri Natural Resource Conference where they heard from many professionals and attended workshops to further their knowledge and experience in forestry and natural resources. Mizzou SAF student chapter and forestry club are working with the Missouri Society of American foresters to have guest speakers for their biweekly club meetings so students can learn from the advice and experience of professionals within the field of forestry.

The clubs have been working diligently towards hosting a Missouri Conclave inviting the Missouri State University forestry club members, Mizzou forestry club alumni, and members of the Missouri Society of American foresters to compete and spectate as desired. Members of the student SAF and forestry club have been practicing in preparation for the event. The event is scheduled for April 13th, and members are excited to compete in a variety of timber competitions and forestry related technical events. The event will also provide an excellent opportunity for foresters, new and old, to socialize.

To promote the clubs and for better outreach, the clubs have been posting to Instagram and have started a Facebook! If you are not following the student chapter Facebook/Instagram, follow @muforestryclub for Instagram and @MUforestryclub for Facebook.



*Members remove invasive species at the Raptor Rehabilitation Project facility.*

## The Karkhagne Club

Have you ever heard of it? Unless you are a forester (of a certain age) you probably haven't. It was an informal social group that met in and around Salem, Missouri, and was hosted by the Pioneer Forest Foresters. It was formed at an exploratory meeting in Salem in 1957.

I am an old, wore-out, MDC fisheries biologist with a wee bit of time on my hands and am most interested in history. One of the projects I am working on is the history of the Karkhagne Club. I was a member in the late 1980s and treasurer for a while (never did find that penny discrepancy!).

This is where you can help me. I am trying to collect all of the files I can find to archive in the State Historical Society of Missouri for future generations to explore. If you had anything to do with the club and still have old information or other items (old memos, programs, meeting minutes, newspaper articles, etc.), please send them to me.

Thank you!

Joe G. Dillard  
24 Lemmon Drive  
Columbia MO 65201  
[Dillardj@missouri.edu](mailto:Dillardj@missouri.edu)





## MOSAF Winter Business Meeting Minutes (Draft)

**Date:** Wednesday Feb 7, 2024, 3:30 pm – 5:30 pm

**Location:** MNRC Margaritaville; Osage Beach, MO

**Attendees:** MOSAF Members, Guests

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### Purpose

To inform attending members about upcoming events and resolve business items that need to be addressed and to introduce the new Chair Elect, Terry Gordon

### Objectives

- Provide verbal committee reports
- Provide updates from agencies/consulting firms/NGOs/universities
- Discuss Spring technical tour

### Agenda

1. **Welcome:** Kristen Goodrich, MOSAF Chair

2. **Minutes from last meeting:** Angela George read the minutes.

Jason Jenson moves to approve the minutes, Michael Bill seconds. Chapter approves.

3. **Treasurers Report:** David Vance reports:

- Checking account \$9,800
- Savings \$120
- 6month and 12 month CDs are both at \$19,500 each
- Project Learning Tree money market \$11,500
- Annual financial report was emailed to chapter members a month ago

David Messangale moved to approve the Treasurer's report, Jon Skinner seconds. Chapter approves.

4. **Announcements**

- Kristen introduced the National SAF board vice-president Rebecca Barnard, who spoke.
  - (After the meeting Rebecca provided her contact information to be put in the meeting minutes: [RBarnardSAF@gmail.com](mailto:RBarnardSAF@gmail.com) 715-572-0040)

- Rebecca's background: Attended University of Wisconsin- Stevens Point, held a NWTF job, now works for a global company that makes dissolving pulp.
- She reminded the chapter that Dr. Vic Ford in Arkansas is our district representative, to whom our chapter can reach out to take our ideas to the national board.
- She brings an international perspective to our profession. There is a lot of international pressure on land near the ports that has a good workforce and timber growing sites. USA doesn't compete well. The rest of the world is leaving forest management behind in favor of plantations, which is perceived as "easier." This will affect landowner resource opportunities in the future. SAF has 10,000 members, which can have a credible voice encouraging change in this arena, but is currently silent.
- The European Union Deforestation Regulation goes into effect in 11 months, which will require GPS points for every plot of land that is in your product. No one knows yet how this will be done for aggregated wood products.
- New member recruitment is something that is being worked on. The recent bylaw change created the new affiliate member category, which loosens the requirements on education credentials and work experience to be an SAF member. Students are one target, but the midcareer professionals are missing nation-wide.
- Member retention is also a problem. New members may not be staying and we're losing members who have been on for a long time. Board is getting data about what's going on.
- SAF's relevancy is a concern. The dynamics of land owners are changing. More and more are retired city folks who do not come from a farming or land management background; how do we reach this demographic? All members need to be ambassadors for SAF, not just the officers.
- Next year is 125<sup>th</sup> year of SAF. How can we celebrate on the state, district, and national level? We're not in an infancy profession or organization. SAF is looking for ways to celebrate with the greater public.
- SAF is now in charge of the capitol Christmas tree in Washington DC, which serves as good public relations to the public.
- In Minnesota, SAF is involved in "Forest for Humanity" which builds houses for people in need.
- Currently, SAF is composed of 9,300 members, which is down about 100 from a year ago.



- The 2023 National SAF convention in Sacramento had 1,780 attendees, which is much higher than past years. The 2024 National SAF convention will be September 17-20, 2024 in Loveless CO.
- SAF is looking at different ways to get donations. There will be a huge wealth transfer in this country in the near future, which will involve estate planning, etc. There is now a “1900 founders circle” donation category for members who are committed to the long-term success of SAF. For more info, see the society website.
- Forestry Fund grants are available. 20 state societies got money for projects.
- Reminder to submit updated chapter rosters.
- Michael Bill and Kristen Goodrich provided a recap of their time at the SAF National Convention.
- Attending provides a good feel of how the organization is run nationwide.
- They both thought it was better than the 2022 Baltimore conference.
- Encourage everyone to attend the National conventions if they can; Loveland, Colorado is drivable.
- There were a lot of students in attendance. The current job offers for forestry folks are numerous. New professionals want to be up and running quickly, start doing ASAP, not shadow and learn.
- New grads are getting upper level jobs that are very high paying. That wasn't always the case, so that's something to share with students.
- Kristen Goodrich presented Michael Bill with an award thanking him for being chair.
- Michael Bill is also now the new MDC State Forester (formal title is Forestry Section Chief).
- Missouri Consulting Foresters Association is having a technical session Feb 22-23 in Jefferson City. 9.5 CEU are available. Nonmember registration cost is \$90 and includes two meals and happy hour.
- Current Missouri Natural Resources Conference has 12 CFEs available.
- Tree health update from Robbie Doerhoff, MDC Forest Health Specialist, will be held February 19-20 in Joplin.

- A focused conference on short rotation crops at the MU Horticulture and Agroforestry Research Center in May. More info is on the website. This even is expected to have a small attendance.
- University of Missouri Extension reported several upcoming learning sessions, which can be found on the MU Extension website by searching “Missouri Woodland Steward”
  - Feb 29 hybrid. 2 live sessions in Versailles and Rolla, “Keeping forest in the family” which will provide information on land succession. Virtual session to follow.
  - Every Wednesday in March over the noon hour- forest health virtual sessions.
  - 3 field day events around Laurie, Fulton, Rolla in April. Encourage landowners to attend.

#### 5. Committee Reports: Committee Chairs

- Audit (Megan Buchanan)
  - We passed.
- Communications
  - Website (Jon Skinner)
    - Update officers
    - Scholarship info needs to be updated
  - Newsletter (Chris Lohmann)
    - Fall newsletter came out in November. He will start on the spring issue soon. Send any contact to him.
  - Social Media (Tyler Bradford)
    - New Instagram account- @missouriSAF
    - Encouraged everyone to follow the account
- Council, Fellows and Awards (Jim Barresi)
  - Tonight at presentation
    - Outstanding Forester
    - Karkagne



- Applications were received for the scholarships
- National SAF has posted their call for award nominations, due March 1
- Jim has been chair of this committee for 6 years and he is willing to pass on the duty if anyone wants to take it on. Good leadership opportunity.
- Education (Mike Goerndt)
  - If you submit for CFE, don't use Firefox browser, it looks like it works but it doesn't get uploaded. Chrome works.
  - Please provide the agenda with as much details as possible all on one page because he can only submit one document.
- Long Range Planning (Michael Bill)
  - Finished off the updates to the bylaws, but now need to develop an operational manual.
  - Long-term strategic plan is from 2014, that should be updated.
  - Michael made a call for anyone interested in helping, to let him know.
- Membership (Hank Stelzer)
  - Membership increased from 139 to 145
  - Mid-career, ages 30-39 is still low, but there is a large number of young members; more than the retirees.
  - Hank pointed out his list of lapsed members
- Nominating (Sam Kosark)
  - No update
- Policy and Legislation (Jason Jensen)
  - Nothing that the committee has had to meet or take action on.
  - Potential impactful: chair of Conservation Natural Resources Committee introduced a bill with regard to invasive species. This bill would make it illegal to raise or sell 5 species. Matt Arndt testified. The bill as of now has passed out of committee.
  - ROWA is not dead yet. Has another Senate sponsor. There is also a new bill in the House that would compete with ROWA, which

would be better than nothing but won't provide the long term funding that ROWA would.

- Rebecca Barnard added that National has a forest policy committee.
  - Position statements are kept short, and they've added a purpose and scope to the statements.
  - If our chapter creates our own position statements, they have to be vetted by national.
  - Please forward any new position statement ideas that you feel National SAF is missing.
- Program (Terry Gordon)
  - Terry ran because he liked what we've done in the last few years. Has been a member for 30 years, never wanted to be an officer until recently. The connections are what are great. He finds the personal connections are invaluable in everything we do. There's not that organic connection because people change organizations throughout their career, and SAF can serve that purpose.
  - At least one chapter technical session next year will be held on a Thurs-Fri to better include students.
  - Some ideas for future technical tours:
    - White oak initiative- Brian Schweiss MUE can help partner with this.
    - Ft. Leonard Wood- 60k acres. Can also do a utility component there.
    - Hold a conclave within the chapter.
    - As you go to other conferences, if you see any fun topics or interesting characters, let Terry know. Doesn't have to be core forestry.
    - Highlight a landowner to dovetail a location of another technical tour.
    - Tree ring lab at MU
    - Project Learning Tree activities can be held for chapter member fellowship. "If it works for middle schoolers, it'll work for us."



- Looking to continue partnering with other organizations.
- Special Funds (David Massengale)
  - Crater distributing didn't give us a chainsaw this year. May purchase something in the future to replace it.
  - Far fewer silent auction items brought this year. We will send an ask ahead of MNRC this year. It slipped everyone's mind.
  - Blackjack award: David won it last year and forgot it at home, so there were no funds raised for that either.
  - Mike Fiaoni mentioned a small letter used to exist that we can use to solicit donations. It would be helpful to have that again.
- Tellers (Aaron Moore)
  - Not here, but he did a great job assisting Michael Bill with the voting on bylaws and officers.
- Forest Science (Lauren Pile)
- MNRC Steering Committee (Jon Skinner)
  - Reiterate his thank you to the people who helped on the committee.
  - Sam Kosark will be the steering committee chair for the next time SAF hosts.
  - Working on MNRC consists of pauses and flurries in activity; it's not constant. Please offer to help if you're interested.
  - 774 attendees this year.
  - Next year MNRC will be held Feb 18-20, 2025 to avoid MW Fish and Wildlife conference.
  - It was decided that the location of the conference will not move in the foreseeable future.
  - Thank you to Jim Gouldin for the 2 hour session this and every year. If you have any ideas for future forestry sessions, reach out to Jim or Kristen. There is \$1,500 financial support to bring in speakers.
- Historian (Dave Larsen)
  - Anyone want to start working with David and eventually taking the rein?

## 6. Old Business

- Results of the Member Vote to Amend and Restate the Articles of Incorporation and Adopt New 2023 Bylaws.
  - Passed. Copies will be on our website.
  - Submitted to the state and were accepted.
- Discussion of Fall Technical tour/Fully Mechanized Logging & Shaw Nature Reserve
- Discuss increasing Ed Stegner Scholarship to \$3,000
  - Found out that CFM portion comes from a fund that pays 10 scholarships so they would have to up them all.
  - Could we make up the difference? We will look into that.
- Update from HSD Meeting – Michael Bill/Kristen Goodrich

## 7. New Business

- Discussion about MOSAF being part of the MO-SIC Implementation Committee
  - Mission is to provide oversight and administration of Sustainable Forestry Initiative in Missouri as directed by SFI Inc.
  - A committee is needed now that it's not just the Missouri Dept of Conservation that is SFI certified in Missouri; Independent Stave and Pioneer Forest now have certified wood products.
  - MOSAF's participation is not required but is welcome. Other states have SAF members on their SICs.
  - SICs are made up of organizations interested in sustainable forest management, not just the certified organizations themselves.
  - Vote: should SAF be involved as a committee member or not?
    - Executive members said we should be involved.
    - Jason Jensen asked who else is on the SIC Implementation Committee:  
MDC, Independent Stave, Pioneer Forest, MO Forest Products Association, MO Consulting Foresters Association, Tree Farm, US Forest Service, University of Missouri, Missouri State University, and Project Learning Tree
    - Jason suggested that it should be the chair. Michael Bill suggested the member should be chair or selected by the chair.
    - Michael Bill moves that SAF serves as a member of SIC implementation committee. John Tuttle seconded. Motion passed.

- Kristen would love to see someone else get involved. Ask Marty Calvert if an ask for interest can be put in the chapter newsletter, Facebook, and Instagram page calling for any interest. If none comes forward, Kristen will serve for 2 years.
- Planning for Spring and Fall Technical meetings
  - Let Terry know if you have ideas or he will run with one of the existing ideas.
- Project Learning Tree transition to MSU-Indigo Tran
  - MOSAF has been the keeper of PLT funds but MDC administered. Missouri State University (MSU) now administers the program.
  - Indigo would like to get her funds out of our hands. Seed money originally came from American Forest Foundation given to the states. There is no memorandum of understanding between MSU and SAF. Will work through that process before the next meeting.
  - SIC so far is doing education through Forest and Woodland Association of Missouri (FWAM). The funds could be administered through FWAM.
  - PLT has been dormant for 6 years before Indigo came on. She's working statewide. She teaches these to all levels of students, including landowners. "If you can teach it to a 5<sup>th</sup> grader then you can show it to a landowner."
- MDC Resource Management Training Conference request
  - This conference will be 3 days here at Margaritaville, and each discipline will have fellowship and targeted training.
  - The committee is asking for funds from all of the societies to fund refreshments which MDC will not pay for. The request is for \$9,000, which is a little over \$2,000 per each of the 4 professional societies.
  - Executive MOSAF committee thought that because it's not open to every SAF member, that it is not a good idea. However, it could be looked at that MDC funds their staff to attend SAF meetings, and this gives back.
  - Multiple non-MDC SAF staff voiced disapproval. There was no motion to pay for a portion of the cost. Kristen will tell the MDC Training planners that MOSAF is not in favor.
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## 8. Agency/consulting firm/NGO/university news

- Mark Twain National Forest
  - New forestry advisor will step in in a few months.
  - New Salem district ranger.
  - 82MMBF sold. \$10 million.
  - 50-60k acres burning this season.
  - Working on/with Ozark Trail
  - Will revise forest plan regarding old growth verbiage now that comment period closed.
  - Updating bat conservation strategy, a crawfish will be listed.
- FS Northern Research Station
  - John Kabrick introduced new staff.
  - Dan Dey is now an ST Scientist. The equivalent of a senior executive scientist.
- Natural Resources Conservation Services
  - The NRCS State forester position was advertised internally with no applicants and offered again externally. Hopefully new one hired in the next month or couple months.
  - Technical assistance agreements funding will be announced. QUWF, NWTF, etc. to get more staff on. Not enough technical service providers to cover the forest management plan requests.
  - Still working under a continuing resolution Farm Bill through March 1.
- University of Missouri
  - Student chapter will reach out to SAF members to attend and visit. Will give Kristen dates.
  - New MU Extension field specialist position in Warrenton.
  - Enrollment is stable.
  - Active forestry club. Conclave will be held at University of Minnesota in April.
  - Hank Stelzer made a motion to have MOSAF give \$250 to each club (MU and MSU) to cover gas for the students to attend conclave. Michael Goerndt seconded. Motion passed.
- Missouri State University
  - 20 students in the forestry program. At least 10-15 in the minor.
  - Forestry Club has about 20 folks, and they have plans for conclave.
  - Expanded silvopasture research on another farm.
  - Ozark chinkapin research ongoing.
  - Numbers in the classes are good.
  - There was a recent realignment at the college. 3 departments became 2 schools: School of Agricultural Science & Conservation and the School of Hospitality & Agricultural Leadership.
- Missouri Department of Conservation
  - The director is retiring, and a nationwide search will be conducted for a replacement.
  - Normally \$10-12 million for landowner cost-share, but currently have over \$30 million available.
  - Forestry vacancies go unfilled. There is an effort to beef up the internship options, provide housing and good pay. Closing in April, talk to Mike Keeley for more information.



- There is a new bottomland forest strategic initiative intended to expand and enhance that natural community.
- Missouri Consulting Foresters
  - Lynn Barnickol is stepping down this spring as executive director.
  - Pending formal approval, Bruce Palmer will be taking over.
- Missouri Forest Products Association
  - National campaign “Real American Hardwoods” are running commercials.
- L-A-D Foundation/Pioneer Forest
  - Newly SFI certified.
  - Introduced 2 new staff.
- Missouri Student Chapter of SAF
  - Operating in unison with forestry club.
  - Need to hold elections for SAF
  - Shaun B is president.
- Utility foresters (Crawford Electric)
  - Fully staffed after 4 years. The 30% raise helped, as was an additional week of vacation.
  - Built in downtime to the general foreman job to go work with the crews.
  - Special occasion lunch fund

**9. Adjourn- Mixer to follow in the Forestry Suite**

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

### Yard Trees Pay for Themselves Everyday

Do you have a nice yard tree around your home? Did you know it gives you more than it costs to maintain? It is true. A healthy, well maintained yard tree will provide you with benefits that are measurable and valuable.

The U.S. Forest Service has been funding research into the benefits of trees since 2006. They have learned how to measure these benefits and then assign dollar value to them based on the cost of the service provided or cost prevented.

For example, a 15-inch diameter white oak in good condition in Columbia, MO within 39 feet of the southeast side of a home provides up to \$56.08 in benefits per year. This includes carbon sequestration, storm water prevented from running down the street, removing air pollution, energy savings, and avoided pollution from energy use. This does not include the wildlife habitat, property value increase, or the fun time relaxing or playing in its shade.

Thanks to this research, citywide and landscape wide estimates can be determined. This knowledge allows communities to plan for smaller water retention basins for example.

You can take advantage of this research and estimate the benefits of your trees by utilizing the tools at [itreetools.org](http://itreetools.org).

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.

#### My Tree Benefits

**For this year.**

White oak, (*Quercus alba*)

**Serving Size:** 15.00 in. diameter  
**Condition:** Good  
**Location:** Joplin, Mo, United States  
**Estimated this year:** \$51.43

[Discover benefits of all your community trees!](#)

Annual values:	
<b>Carbon Dioxide Uptake</b>	<b>\$3.50</b>
Carbon Sequestered <sup>1</sup>	41.09 lbs
CO <sub>2</sub> Equivalent <sup>2</sup>	150.67 lbs
<b>Storm Water Mitigation</b>	<b>\$0.87</b>
Runoff Avoided	97.73 gal
Rainfall Intercepted	1,236.78 gal
<b>Air Pollution Removal</b>	<b>\$0.11</b>
Carbon Monoxide	0.16 oz
Ozone	15.76 oz
Nitrogen Dioxide	0.75 oz
Sulfur Dioxide	0.68 oz
PM <sub>2.5</sub>	0.76 oz
<b>Energy Usage Per Year<sup>2</sup></b>	<b>\$32.42</b>
Electricity Savings	92.77 kWh
Heating Fuel Savings	2.15 MMBtu
<b>Avoided Energy Emissions</b>	<b>\$14.52</b>
Carbon Dioxide	624.5 lbs
Carbon Monoxide	2.63 oz
Nitrogen Dioxide	1.42 oz
Sulfur Dioxide	31.63 oz
PM <sub>2.5</sub>	0.16 oz
<b>Values are totals to date:</b>	
<b>Carbon Dioxide Uptake<sup>4</sup></b>	<b>\$69.63</b>
Carbon Storage <sup>4</sup>	816.47 lbs
CO <sub>2</sub> Equivalent <sup>2,4</sup>	2,993.72 lbs

Benefit estimates are based on USDA Forest Service research and are meant for guidance only. Visit [www.itreetools.org](http://www.itreetools.org) to learn more.

See the Project Menu for currency conversions.

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