



The Ohio Hetuch



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Winter 2014

Chair Comments - Rich Cappell, OSAF Chair

Happy New Year Ohio SAF members. I will start my column for 2014 by thanking Stephen Rist and Jim Downs for their leadership of the chapter through 2012 and 2013. I already know how much work is required to lead the chapter and I also know how much help is out there to pull off our semi-annual meetings and executive meetings and getting work done and I would also like to thank all of you that have helped OSAF and apologize in advance for overlooking anyone; Stephen Rist, Jim Downs for their leadership, Stephanie Foster-Miller, Casey Burdick for their management of the Hetuch, communications and meeting preparation, Kathy Smith CFE's and meeting preparation, Abby Kindler for her financial and secretarial skills, Steve McGinnis for being our scribe/secretary, Dan Yaussy for his writing and parliamentary skills, Jeremy Scherf for sending out notices to the troops and heading up the membership committee, Joe Puperi for being our attentive webmaster, Phil Perry for being our archivist and my personal computer editor, Katy Downing and Dave Apsley for coordinating forest health and invasive plants meetings and information dissemination, Tom Shuman, Greg Guess, Tim Wilson (at the summer meeting) for fundraising efforts, Mark Ervin for accepting our policy chair and attending the interested parties meeting with members Chief Boyles, Director Dorcka, Mike Besonen, Stan Swierz concerning a reading of a proposed timber theft bill and the national and chapter concerns, I want to apologize to anyone else that I have forgotten (due to old age) and now put an end to the longest run on sentence ever published in the Hetuch, (I hope).



We have a great program planned for our winter meeting: March 5,6 2014. The first day we will be reuniting with the OFA at the Sheraton on Capitol square followed by a legislative reception in the evening. Please invite your representative/senator to the evening program. The second day will be at the Ohio Fire Academy for a stimulating meeting concerning what's new in Ohio. **Please register early.**

It has been said by some pundit that the majority of work in any organization is done by 10% of the members but when I look at our list of engaged help I am pleased to see the cheerful faces of our members/friends as those leaders.

And as Gene Autry sang; "I'm back in the saddle again" looking forward to 2014.
 Thanks Rich

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Silent Auction Items Requested

The annual silent auction to benefit the Foresters' Fund and the Cowen/Embry Scholarship Fund is planned for the second day of the winter meeting, March 6th. Please contact Greg Guess at gregwguess@yahoo.com and let him know you are interested in donating an item. This is the main fund raiser that OSAF does to benefit both funds and its success depends upon both member donations and participation in bidding. Thanks!

Don't forget to renew your membership to SAF at www.ohiosaf.org

Science Report: Bigger is Better

- Dan Yaussey, OSAF Science Chair

A new study published by Nate Stephenson and others, using data collected globally from 403 tree species, found that big trees accumulate carbon faster than small trees. The authors state “Thus, large, old trees do not act simply as senescent carbon reservoirs but actively fix large amounts of carbon compared to smaller trees; at the extreme, a single big tree can add the same amount of carbon to the forest within a year as is contained in an entire mid-sized tree.” Technically, the rate of carbon accumulation continues to increase as the size of the tree grows. This may not be astonishing. Hilt (1983) determined that basal area growth rate for trees in upland oak stands continued to increase as dbh increased. It would follow that volume and carbon accumulation would increase accordingly, but it is the first time it has been shown for so many tree species.

But wait. There is a paradox. A bigger number of trees out-produces bigger trees. A young stand with many trees still accumulates carbon faster than an old-growth stand with a few massive trees.

References

Hilt, Donald E. 1983. Individual-tree diameter growth model for managed, even-aged, upland oak stands. Res. Pap. NE-533. Broomall, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. 15p.

Stephenson, NL, AJ Das, R Condit, SE Russo, PJ Baker, NG Beckman, DA Coomes, ER Lines, WK Morris, N Rüger, E Álvarez, C Blundo, S Bunyavejchewin, G Chuyong, SJ Davies, Á Duque, CN Ewango, O Flores, JF Franklin, HR Grau, Z Hao, ME Harmon, SP Hubbell, D Kenfack, Y Lin, JR Makana, A Malizia, LR Malizia, RJ Pabst, N Pongpattananurak, SH Su, IF Sun, S Tan, D Thomas, PJ van Mantgem, X Wang, SK Wiser, MA Zavala. 2014. Rate of tree carbon accumulation increases continuously with tree size. *Nature*. doi: 10.1038/nature12914

Small Woodlots Matter

- Jason Van Houten, ODNR Division of Forestry

Approximately 200,000 people in Ohio own a small woodlot (1-10 acres) and that number is growing as the forests of Ohio continue to be subdivided with more and more owners. Traditionally, forestry assistance programs have focused on larger parcel woodland owners. However, as the forest becomes more fragmented, it is increasingly important to reach the growing number of small woodlot owners in the state. In response to this trend, the ODNR Division of Forestry recently added a new online resource focusing on the small woodlot owner.

The main theme of this online resource is that all woodlands matter, even small woodlots. Every backyard woodlot contributes to, and is part of, the larger forest community. This forest community affects wildlife, water quality, air quality, flooding, diseases, invasive plants, and insect pests, none of which recognizes property lines. Forests also provide wood products, recreation, and many other benefits to people. Properly managing and caring for woods, including small ones, adds up and makes a big difference.

Woodlot owners can find information on planting trees, enhancing woodland wildlife habitat, controlling non-native woodland insect pests and diseases, maintaining native woodland plant communities, protecting water quality, thinning woodlots, growing specialty forest products, and providing woodland retreats on the new small woodlot webpages. These webpages can be found online at: <http://ohiodnr.com/forestry/SmallWoodlots/tabid/5589/Default.aspx>.

For more information on small woodlot management, you can call ODNR Division of Forestry toll free at 1-877-247-8733 or email us at forestry.comments@dnr.state.oh.us



2014 Ohio SAF Winter Meeting

The Challenges of Forestry



March 5, 6 2014

Agenda May Be Subject to Minor Changes

Wednesday, March 5th, 2014

Downtown Sheraton

75 E. State St., Columbus, OH 43215

Thursday, March 6th, 2014

Ohio Fire Academy

8895 E. Main St., Reynoldsburg, OH 43068

- 9:00-10:00am Registration
- 10:00-11:30am OSAF Business Meeting
- 11:30am OSAF Awards Presentation
- 12:00-1:30pm Joint OFA/SAF/ACF Luncheon
- 1:30-2:00pm OFA Membership Meeting
John Dorka, OFA Executive Director
- 2:00-2:30pm State of the Div. of Forestry
Bob Boyles, Chief, Div. of Forestry
- 2:30-3:00pm Break
- 3:00-4:15pm Latest Proposal TIMBER THEFT

- 8:30-9:00am Registration & Refreshments
- 9:00am Welcome
- 9:15am State of The Division
Bob Boyles, Chief, Div. of Forestry
- 9:45am Urban Forestry "A New Era"
Micah Pace, Urban Forestry Coordinator., Div. of Forestry
- 10:15am Break
- 10:30am Forest Mgt. & Effects on Bird Populations
Amanda Duren, OBCI
- 11:00am Forest Products in Ohio 2013
Eric McConnell PhD, OSU
- 12:00-1:00pm Lunch at Academy Cafeteria PROVIDED
- 1:00pm Cowen Embry Scholarship Awards
- 1:30pm Status of the American Chestnut
Brian McCarthy PhD., Ohio University
- 2:30pm State of USFS Delaware Lab and Research,
(Ailanthus) *Joanne Rebbeck PhD, USFS*
- 3:15pm State of the SAF
Greg Hoss, SAF Dist IX Representative
- 3:45pm wrap up

Following the meeting there will be a Legislative Reception from 5:00-7:00pm at the Ohio Statehouse Museum Gallery. All are invited to attend.

Carpooling is highly recommended due to the cost of parking in Downtown Columbus. The least expensive parking is in a garage called Columbus Commons (the old City Center Mall location), see the back for more information.

Registration Fee Attending Wednesday, March 5th: \$55 per person, will include lunch and reception
 Attending Thursday, March 6th: \$25 per person, will include lunch
 Attending Both March 5th & 6th: \$70 for all of the above

Questions Contact Rich Cappell (937) 408-5715 or witbros@columbus.rr.com

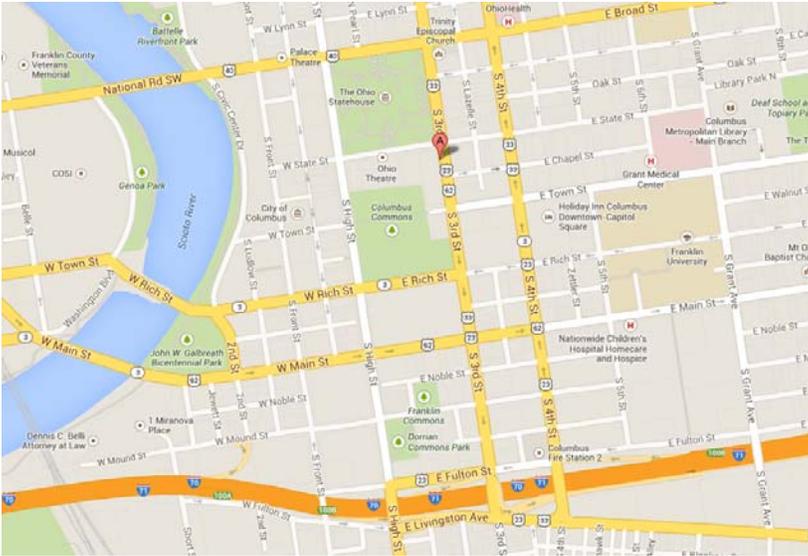
SAF, CFE's and ISA, CEU's will be available

Registration for Ohio Winter Meeting

Name _____	<u>Only</u> Wednesday, March 5 th (\$55.00)	\$ _____
Address: _____	<u>Only</u> Thursday, March 6 th (\$25.00)	\$ _____
Phone: _____	<u>Both</u> March 5 th & 6 th (\$70.00)	\$ _____
E-mail _____	Thompson Library	\$ _____
	Cowen/Embree Scholarship Donation	\$ _____
	Forester's Fund	\$ _____
	Total Enclosed	\$ _____

Please Return Registration Form by **March 1st** to
 Abby Kindler Phone: 740-214-4642
 195 Sletzer Drive email: aa_aud@yahoo.com
 Zanesville, OH 43701

Make Checks Payable to
Ohio Society of American Foresters



Parking is available in the Columbus Commons

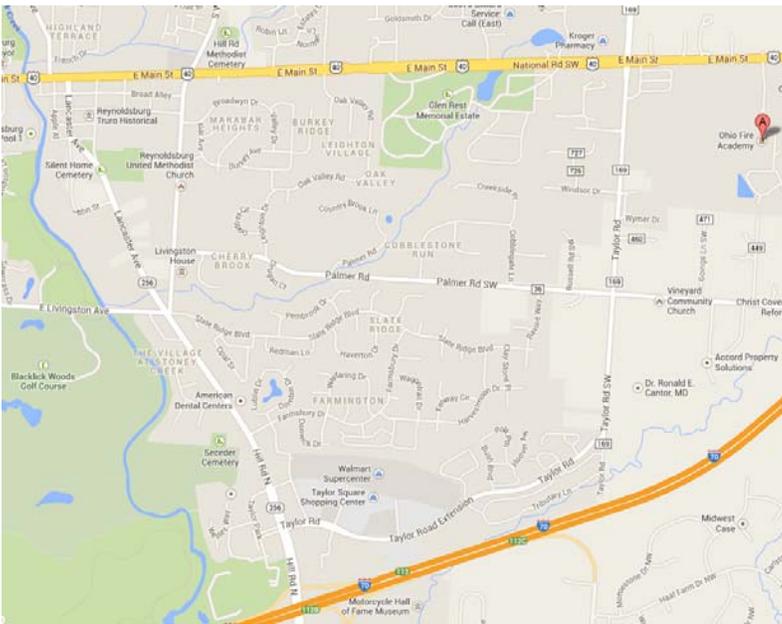
Main Garage for 8-10 hours is \$7

Underground Garage for 7-9 hours is \$10

Credit cards are accepted.

The Main Garage is located at 55 East Rich Street, with entrances on Main and Rich Streets between High and Third Streets.

The Underground Garage is located at 191 South Third Street, with an entrance off of Third Street, between State and Rich Streets.



Parking is free at the Fire Academy

2014 Chair Elect Ballot
See next page for candidate details

2014 Chair elect candidates

Vote for only one candidate. Place a check mark in the box for the candidate you choose.

- Eric McConnell
- Other _____

Please return to:

Abby Kindler
195 Sletzer Drive
Zanesville, OH 43701

Please vote even if you aren't going to the meeting

Cowen/Embree Scholarship

Dan Yaussy – Scholarship Chair

Who is this “Bill Cowen” who has his name on the OSAF Scholarship Fund and why should we care?

Professor William F. Cowen, Jr. joined the faculty of The Ohio State University as an Assistant Professor in 1959 and served with distinction for 26 years until his retirement as Professor in 1985. During his tenure at Ohio State, Bill’s academic appointment was 25% resident instruction and 75% Extension, with the title State Extension Specialist in Forestry. Bill was a truly gifted teacher, both in the classroom and with Extension clientele. Several awards testify to this fact, including *The Ohio State University Alumni Award for Distinguished Teaching*, recognition as one of America’s outstanding educators with a listing in the *National Awards Volume of Outstanding Educators of America*, and the Ohio Forestry Association’s *Outstanding Conservation Educator of the Year*.

With the creation of the School of Natural Resources in 1968, his Dendrology and Silviculture courses became requirements for all forestry and wildlife majors. Literally thousands of students passed through Bill’s classes, benefiting not only from his enthusiastic teaching style and love for his profession, but also from his theoretically well-founded approach to the science and practice of forestry.



Throughout his tenure at Ohio State, Bill was the only forest resource management Extension professional in the state. He developed strong educational programs addressing the needs of a wide variety of clientele including Christmas tree growers, maple syrup producers, private non-industrial forest landowners, professional forest land managers, and urban forest managers. In addition, he demonstrated a unique understanding and willingness to work with youth conservation education through 4-H and teacher education programs. Once again, several awards testify to Bill’s impact; these include induction into the *Ohio Christmas Tree Association’s Hall of Fame*, a *Certificate of Commendation* from the Ohio House of Representatives, an *Honor Award* from the Soil Conservation Society of America, and the *Professional Excellence Award for Outstanding Contributions in Conservation and Natural Resource Development* from the All-Ohio Chapter of the Soil Conservation Society of America.

Perhaps the best measure of Professor Cowen’s impact on forestry and the foresters in Ohio (many of whom were his students) is the fact that in 2000 the Ohio Society of American Foresters honored him as *Ohio’s Forester of the Millennium*.

Annually, Bill has donated to the OSAF Scholarship fund which he helped create. He pledged to donate \$5,000 to the fund, and has currently contributed well beyond that amount. The scholarship was named in his honor and that of another distinguished instructor: David Embree of Hocking College. Dave was instrumental in managing the fund and, likewise, contributing generously. He once noted Bill’s dedication to the fund and challenged every past chair of OSAF to donate \$100 annually. I took up that challenge after I held the chair position and I, again, put it to all past chairs to donate something every year to the Cowen/Embree Scholarship Fund. There are not many causes which are more worthy, and it is tax deductible.

2014 Chair Elect

Ohio Society of American Foresters

The candidate for the 2014 Ohio Society of American Foresters Chair Elect is Thomas Eric McConnell. He has worked at The Ohio State University since 2011. Eric is an assistant professor and forest operations and products extension specialist. In the past 3 years his research work has been analyzing the timber price trends and economic impacts of forestry in Ohio. Eric is an alumnus of both Mississippi State University and Louisiana Tech University. He has been an SAF member for 8 years. With Eric’s past experiences he will have a lot to offer to Ohio’s forestry community.



Memory Snippets– Elm - Walt Smith

My real introduction to elms were as street trees or urban landscape trees. Of course, I learned about the identification of the various elm species in my dendrology class. Elms have always been well recognized in the commercial forest mix and in the urban streetscape for their contribution. But from my forester viewpoint, I did not think of elms as a principle forest species. With me the demise of the American elm became a personal recognition of how fragile the forest ecosystem was. I stood right there and watched the elms die.

At the farm in Muskingum County we had a very large elm on the west side of the house. It was a classic, beautiful American elm that really did a great job providing shade against the hot afternoon sun. In the course of time, (maybe mid-1970's) this elm went the way of the Dutch elm disease (DED) and was subsequently burned for firewood – it both heated and cooled the old farmhouse although not at the same time. Slowly but steadily all the elms – both American and slippery – that were located on the fence rows around the farm succumbed. The large slippery elm located above the house in the barn-lot fencerow died several years ago and the slippery elm that my Mother planted in the front yard died around the same time. Mom's elm got to about ten inches in diameter. I have looked and do not believe that there are any elms around the periphery of the farm at this moment. I have learned from experience that the dried wood is pretty good for firewood but hellishly hard to split with an axe. A hydraulic splitter was my choice



I have been pleasantly surprised at the number of “big” elms surviving and growing well here in the Ross County area and more specifically, just down the street from my house here in Chillicothe. When I wish to know the locations of some American elms, I call Bob Nelson, fellow forester, and he will quickly rattle off a litany of addresses. His list gives me hope for the elms in contrast to my Muskingum County experience. Recently I took a Sunday hike at Buzzard's Roost here in Ross County and saw lots of elm from seedling to saplings but I'm not sure they were American elm. The 2010 Ohio Champion Trees lists the American elm champion growing and surviving right here in Chillicothe. I was recently informed that it might now be a potential National Champion (unverified).

Some time back, I had a telephone contact with Mr. Dale Lasser of near Ann Arbor, Michigan. He came to Chillicothe in the summer of 2012 and collected branch cuttings from several of the local American elms in the community. Dale lists himself as a farmer; but as a hobby or devotion, he says his mission is to try to find a Dutch elm disease resistant tree. I gave him all the encouragement I could muster but my, oh my, how long have we/they been working on the American chestnut to develop the resistant characteristic and still keep the form. The USFS Delaware Lab facility, I believe, has out-plantings of the American elm and has a researcher partially devoted to the pursuit of its survival and growth. There appear to be cultivars on the market that tout DED resistance, but I have not done enough studying to verify their out-planting success.

Of all the tree species I have planted, I have never planted an elm tree whether of seedling form or a balled seedling in a landscape planting. But, it certainly has been an important part of my forest history. People were proud to live on an Elm Street. There was a certain amount of prestige to living at such an address. The American elm added value to the real estate and provided tranquility to the street environment. The American elm at the farm gave off all the positives that one would wish in a landscape tree. When we cut the dead elm down, an enormous vacancy was created and the west side of the house got much warmer. Overall, the American and slippery elms appear to be “surviving” but nowhere near their historical commercial level and not of any magnitude in the urban landscape that I frequent. *Ulmus spp.*, you are to be saluted for your persistence. Maybe someday you will return to your historical place?



Urban Corner – 2014 Urban Tree of the Year: *Parrotia persica* ‘Vanessa’

Reprinted Press Release from the Jan/Feb 2014 *City Trees* written by Owen Croy

The Society of Municipal Arborists (SMA), comprised of urban forestry professionals worldwide, has chosen ‘Vanessa’ Persian ironwood (*Parrotia persica* ‘Vanessa’) as its 2014 Urban Tree of the Year. The yearly selection must be adaptable to a variety of harsh growing conditions and have strong ornamental traits. The Tree of the Year program has been running for 18 years, and past honorees include live oak (2013), Accolade elm (2012), and golden-rain tree (2011).

The Persian ironwood tree is native to the lower mountain slopes of northern Iran, and it has been planted widely in cities across Europe and North America for many years. It has great color in the spring, with glossy, green, red-tipped leaves that later turn a darker green through the summer. Fall color is spectacular, often with leaves of multiple colors on the tree at the same time: orange, purple, yellow and green. When older, this tree has flaky grey bark that is very attractive, giving it year-round appeal.

The cultivar ‘Vanessa’ emerged from Europe in the 1970s and is now widely cultivated in North American nurseries. ‘Vanessa’ is upright, almost columnar, with branches that arch gracefully outward towards the tip. It is a slow-growing small tree, reaching a height of about 36 feet (11 meters) at maturity. Perhaps because of its slow growth rate, it seems that much of the available nursery stock is slightly smaller than would be typical for street tree planting programs. It is hardy in USDA zones 4-8.

In Surrey, British Columbia, ‘Vanessa’ is being planted as a street tree where there are overhead lines in close proximity to the planting strips. Staff there report that it responds extremely well to clearance pruning and has fewer crossing branches than either the straight species or the cultivar ‘Ruby Vase’. Branch unions tend to be very strong, and ‘Vanessa’ doesn’t seem to develop the levels of included bark that the staff has observed in other species of columnar trees.



Photo Credit: Josh Coceano

Apart from its upright growth habit, ‘Vanessa’s’ suitability for urban use comes from its lack of major pests and its ability to tolerate both dry soils and seasonally wet ones.

Renton, Washington Urban Forestry and Natural Resources Manager Terry Flatley is a big fan. “We planted ‘Vanessa’ parrotia as a street tree in 4 x 8 feet (app. 1.2 x 2.4 m) cut-outs using tree grates during December of 2011; we have had 100% survival to date. They received some supplemental watering between June and September (our driest season) at the rate of once per two weeks and they showed little or no stress. We also planted one at a different site that unlike the others, did not receive supplemental watering, and even this tree has survived nicely. With its upright habit, ‘Vanessa’ fits nicely in our downtown area with zero building setbacks and along the curb-line. I plan on using more of them in the future based upon this trial planting and appreciate ‘Vanessa’s’ tolerance for dry, hot urban conditions.”

The SMA recognizes the sturdy and enchanting ‘Vanessa’ Persian ironwood for its service to urban forests and encourages its use when matched appropriately to site and as part of a diverse urban tree inventory.



Photo Credit: Owen Croy

Membership Milestone Recognition

Each Winter Meeting, Ohio SAF honors our members who have reached membership milestones. Members who are present at the meeting receive service pins for 10, 20, 30, 40, 50, and 60 years as a Society of American Foresters member. OSAF has many members who will be receiving their service pins. Please congratulate and thank them for their membership! If you are listed, please plan to attend the Winter Meeting so we can honor you with your pin and congratulate and thank you in person!

(Remember you have to attend the Winter Meeting to receive your pin)

10 Year

Tom Shuman
Jennifer Koch
Stephen Rist
Jim Downs
Vanessa Muilenburg
Clement Hamilton
Derek Stromski
Shawn Shipman
Michael Sturtz
Paul Kelley
Thomas Slavin

20 Year

Charles Ford
Joel Berry
Gregg Maxfield

30 Year

John Gwaltney
Jeff Jenkins
Rick Miller

40 Year

Robert Wright
Tom Berger
John Dorka
John Dehne

50 Year

Daniel Houston

Jeremy Scherf
ODNR - Division of Forestry
2050 E. Wheeling Ave.
Cambridge, OH 45601-0480



Upcoming Events

2014 Ohio Woodland, Water, & Wildlife Conference

Wednesday, March 5, 2014 8:45 AM to 3:30 PM

Mid-Ohio Conference Center, Mansfield Ohio

Registration is \$60 before 2/18/2014, after \$80. Registration closes 2/27/2014.

For more information and for online registration visit <http://woodlandstewards.osu.edu>

2014 Ohio River Valley Woodland & Wildlife Workshop

Saturday, March 22, 2012 8:30 AM to 4:00 PM

General Butler State Park, Carrollton Kentucky

Registration is \$45 before 3/14/2014, \$55 after. Registration closes 3/22/2014.

For more information and for online registration visit
<http://www2.ca.uky.edu/forestryextension/tristatewoods/tristatewoodsindex.html>

Managing Forested Wetlands

March 27th, 2014 9:30 AM to 4:00 PM

Lake Hope Lodge/Zaleski State Forest

Register by 3/24/2014 by contacting Dave Apsley at Apsley.1@osu.edu