



Missouri Native Plant Society Hawthorn Chapter Newsletter

Volume 25, Number 12

Hawthorn Chapter Officers:

President

Vanessa Melton
573-864-3905
vanndawn@gmail.com

Vice President

Position vacant

Secretary

Ann Wakeman
5798 Windy Meadows Lane
Fulton, MO 65251
573-642-6927
mike-ann@socket.net

Treasurer

Paula Peters
2216 Grace Ellen Dr
Columbia, MO 65202
573-474-4225
pieridael@gmail.com

Chapter Representative

John [Rusty] White
573-886-8698
rstywhit@yahoo.com

Web Master

Doug Miller

Web site:

<http://columbianativeplants.missouri.org/>

The Hawthorn Chapter of the Missouri Native Plant Society Newsletter is published monthly. Send submissions to:

Newsletter Editor

Becky Erickson
573-657-2314
beckyerick@socket.net

December 2010

Future Activities

Watch email for notices of impromptu hikes. Please offer suggestions of your favorite walking destinations to Paula or Becky; we will get them posted as soon as weather permits. PLEASE call or email Becky 657-2314 or Paula 474-4225 as soon as you know you will attend an activity. We don't want to leave anyone behind if weather or plans change. Leave your name and PHONE # if you leave a message. If you do not communicate by email and have a suggested destination or want notice of a walk, call Paula 474-4225 to get on the phone list.

4 December Saturday: MONPS State Board Meeting 10 am at Dunn-Palmer Herbarium. Refer to page 3 of your PetalPusher for details and directions [D-P is just south of Stadium on Rock Quarry Rd]. ALL are welcome to attend. This is your chance to nominate any good wild area in or near MO for a field trip next year.

16 December Thursday: Lunch with Native Plant Enthusiasts! 11:30 am at the Uprise Bakery (RagTag Theater) 10 Hitt Street, just South of Broadway.

19 December Sunday: NPS Holiday Party at President, Vanessa Melton-Silvey's house. All are invited. See article Page 3.

10 January Monday: Regular Membership Meeting at 5:30pm at the Unitarian Church, 2615 Shepard Blvd. Your attendance is very important as we need to elect a vice president and a treasurer. Committees would also like to know who wants to help man booth displays, and who wants to attend our moseys into wild areas. On that subject, come with suggested destinations.

17 January Monday MLK Day Stream Team Clean-up 1:00 – 3:00 p.m., Twin Lakes Recreation Area, 2500 Chapel Hill Road. See article page 3.

20 January Thursday: Lunch with Native Plant Enthusiasts! 11:30 am at the Uprise Bakery (RagTag Theater) 10 Hitt Street, just South of Broadway.

22 January Saturday [snow date 29 January] Propagation Workshop at Nancy brakhage's house 7852 Hill Creek Rd. See article Page 4.

If you want to collect seed this fall, you can contact Ann Wakeman 573-642-6927 or Becky Erickson 657-2314. You can collect at Ann's any time you can get an appointment with her. You can collect with me on public land on weekdays 11 am to 3 pm by appointment.

BIG THANKS to Doug Miller for reviving the web site. Hopefully all members will visit our website to see the exciting information available to the public. Use it as a tool to invite new members.

Call Paula for more information 474-4225

November Meeting Minutes

Submitted by Ann Wakeman, Secretary

The November 8, 2010 meeting of Hawthorn Chapter of Missouri Native Plant Society began at 6pm with the program. Robin Kennedy, curator of the Dunn-Palmer Herbarium at UMC, presented a program highlighting what makes herbariums important. Herbariums are repositories of pressed plant specimens which can be used for taxonomic studies, DNA studies. Herbariums also contain field notebooks, publications and other special collections. There are several types of specimen such as holotype (first specimen collected, named and published), isotype (duplicate of a holotype), syntype, etc. Secretary's note: an excellent site to see definitions of the different types is:

www.flmnh.ufl.edu/herbarium/types/abouttypes.htm Robin has been tracking down Missouri-collected type specimen in various herbariums and has found a surprisingly large number that were first collected within the state.

Treasurer's report. Since she is out of town, Paula emailed her report to Vanessa. The chapter has \$6288.24

Vanessa reminded members to submit nominees for the Blazing Star award(s) which will be presented at the Holiday party. This award recognizes any member for service to the chapter. Awards for people or groups outside the membership will be discussed at the January meeting.

There are still no nominees for treasurer. Paula has served her two terms so someone will need to replace her in this position.

Becky has found a source of nice, quality t-shirts, as well as frame-able prints and cards the chapter could sell at booths next year. T-shirts wholesale for \$9.50 each. It was moved, seconded and carried to place an order of \$300.

Glenn Pickett reported on the grant program. There was only one application from the same teachers at Rock Bridge High School who applied last year for \$200 for a field trip to Rock Bridge State Park. He is working on ways to inform teachers of this grant program, including putting a news item in the PTSA newsletter.

Announcements:

- Brett O'Brien of Columbia Parks & Recreation has received a grant to clean up the old sewage treatment plant site along the MKT Trail.
- Vanessa is having a holiday party for the chapter December 19 around noon. Invitations will be emailed.
- The wreath workshop and cookout will be at Ann Wakeman's home this year. If it doesn't rain significantly, there will be grill available and/or roasting in the oven.
- Becky offered an opportunity for seed collecting along the highway close to her home on Thursday, Nov 11.

Meeting was adjourned at 7:20.

If you have not renewed your membership, this will be you last newsletter.

Election Time

Submitted by Vanessa Melton, President

The time has come again for election of officers and this year we need to vote for Vice President, Treasurer, and State Representative. Here is a list of the nominations so far:

Vice President – Nancy Langworthy

State Representative – John White

We still need a person to run for Treasurer, and hey, if you are thinking about doing it and are afraid to step into the role all by yourself, find a partner who would take on the role with you. We could have two Co-Treasurers! There are two aspects of the Treasurer role, the money side and the membership duties, that could easily be split between two people.

We must have the election at the January membership meeting, so please, if you are interested in running for Treasurer/Co-Treasurer just contact Paula Peters 573-474-4225 or pieridael@gmail.com, or Vanessa Melton at 573-864-3905 or vanndawn@gmail.com as soon as you can.

Editor's summary: We need volunteers for Treasurer's position.



Our booth is how we educate the public and recruit new members. We need someone to transport and store our new display board, the main table [only 6 feet] and two small tables [5 feet]. They all fold flat and take up very little space. They can be carried by one person. That person needs to bring them to display opportunities and retrieve them until the next one. Usually 5-6 per year: Bradford April, Earthday April, Bradford June, Eco-Art Fest Sept, In-Touch-With-Nature Sept, Chestnut Festival Oct, possibly one more or one less. Contact an officer to volunteer.

Holiday Party

Invitation by Vanessa Melton-Silvey, President

This year's Hawthorn Chapter Holiday Party will be Sunday, December 19th, 12 pm, at Vanessa and David's house close to New Franklin.

Please bring a dish to share with the group. We will have appetizers and wassail at noon with the main lunch being served around 1 pm. Blazing Star Award will be presented [See article in next column].

Call Vanessa if you have any questions at 573-698-3337. See directions below on how to get there if you haven't been there already.

Take I-70 W to the Midway/Fayette Exit and go north (right) on 40 Hwy.

Pass both turns for Hwy. 240 to Fayette; go one more mile to County Rd. 441 on the right [the sign is bent]. If you head down over a bridge into the river bottoms you have gone too far.

On County Rd. 441 go to the 2nd driveway on the left; turn left. Go straight into the woods past the newly-built, fake, log cabin house. Ignore the "Keep Out" signs - they are not for you. :-). Our house (it is woodland green) and park anywhere you can find a space.

Stream Team Cleanup announced

By Amy Meier [email Amy.Meier@mdc.mo.gov]
17 January Monday MLK Day 1:00 – 3:00 p.m., Twin Lakes Recreation Area, 2500 Chapel Hill Road - see [map](#). In order to get all the supplies we'll need for the cleanup, and to provide the coffee, tea, hot chocolate we will need a **registration deadline of January 7th, 2011**. We plan to reserve the shelter at the park and make sure there will be electricity for hot drinks, etc. Mike Heimos has agreed to help advertise the event and direct volunteers to SMCS for the MLK cleanup. No water in restrooms at park; probably a portapotty will be available. Pending weather conditions – will cancel if the ground is covered in snow or ice (but I'm thinking patches of snow not a big deal – still on!). Litter bags, gloves, hot chocolate/tea/cider/coffee provided to volunteers. **Wear your own waterproof footwear!!**

Blazing Star Award

Nominations

Submitted by Vanessa Melton, President

Our chapter will be giving a Blazing Star Award at the annual Holiday Party in December.

It is time to start collecting nominations for the award, so if someone from the chapter comes to mind as a person who has offered their time, services, expertise, etc for the betterment of the chapter please let us know. Send us the name of the person you would like to nominate along with a description of why you think they deserve this award. November 15th was the original deadline but if you feel strongly about your nomination and have not submitted it, do it NOW = before Friday 3 December. The chapter will only be giving away one Blazing Star Award per year so competition will be tough. Please send the information to Nancy Langworthy at 573-874-2463 or nancy.langworthy@hotmail.com or Vanessa Melton at 573-864-3905 or vanndawn@gmail.com.

If you have a name in mind of who to nominate, and you are not sure if they have already received an award in the past this will help you out. Here is a list of members who have won Blazing Stars in the past three years: Judy Turner, Jim Whitley, Paula Peters, Nancy and George Brakhage, Jean Graebner.

Also, something else to consider is the Award Committee has decided to offer an award to folks outside the chapter for excellence in using native plants in landscaping, teaching others about native plants and their benefits, etc. We will come up with a catchy name for the award, because we don't want there to be confusion between the Blazing Star Award and this award which would be for non-members. More information on this award will be forthcoming.

Thanks to, Ann Wakeman, Vanessa Melton, Jean Graebner, John White, Wanda Parscal, Amy Meier, and Phillip Mohebalian for their submissions to the newsletter. The more diversity I get for submissions, the richer will be the content of this newsletter. Everyone can write, just go for it!
Editor

2010 Nature Calendars Still Available

submitted by Paula Peters



We will once again be ordering MDC nature calendars for the holidays. I will accept orders from now until November 14, by phone (573-474-4225), at the November meeting on the 8th, and by email (pieridael@gmail.com). I will also accept orders for the new Mushroom book (\$12) and the new Herp book (\$6). The order will be made on November 15. The calendars and any books that you requested will be available at the Holiday party, Dec lunch, the regular January meeting, or can be picked up at my home (2216 S Grace Ellen Dr, Columbia), or a place in town of your choosing. The price for the calendars will be \$6.00. These make great holiday gifts. Paula – 573-474-4225.

**SAVE TREES,
SAVE NPS MONEY:
SIGN UP FOR THE
EMAIL NEWSLETTER.
RENEW YOUR
MEMBERSHIP.**

Propagation Workshop

Submitted by Becky Erickson

Propagation workshop is offered every year to teach members how to grow plants for their own gardens and to make potted wildflowers to sell at our booth. We have a grant program with Columbia Public Schools and we need plants to sell for the grant program. At the September Membership Meeting, nine members expressed interest in attending the three parts of the propagation workshop offered this year. If you want to be included in the three classes of this workshop, you need to make reservations with Becky now so you will receive appropriate instructional postings and updates of activities. The workshop consists of three classes.

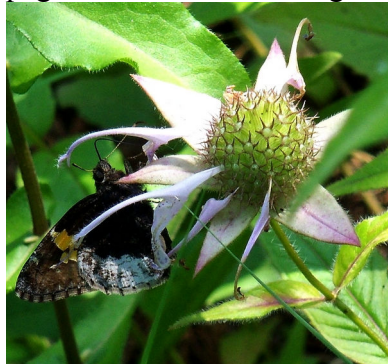
The first class was Sunday 10 October. Five of the nine original committed participated in seed collection. We learned to identify plants from structure rather than from flowers, and techniques of seed collection and storage. Once we saw and named a species we could identify it the rest of the day. Some unusually structured species were wild quinine, tall coreopsis, rough blazing star and rattlesnake master. We learned the difference between little bluestem and broomsedge. The highlight of the day was finding BOTH closed bottle gentian at Bennitt CA and downey gentian at The Hole.

The second class will be Saturday 22 January. With pre-registration with Becky, you will get updates on possible rescheduling [29 Jan] due to too much snow. Nancy Brakhage will open her basement for us at 7852 Hill Creek Rd: Providence south; Hwy K south 1.3 miles; Hill Creek left 1.3 miles to driveway on left.

During this class you will learn stratification and scarification techniques to coax native seed into germination. **You will need to bring all of your collected seed to share, any small pots and trays you have kept from last year's plantings and a small bag of course potting soil.** If you are just getting started, there will probably be enough equipment for you to use this time, then keep them to share later.

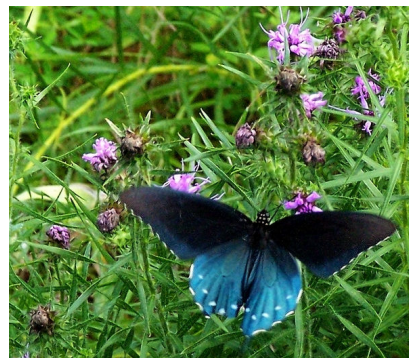
The third class will be close to 1 June; this date also depends on the weather, how much seedlings have grown and the participants' schedules. During this class you will learn how to transplant your seedlings into plugs or pots for maturing growth. Techniques are NOT like transplanting tomatoes or other annuals, so don't think you already know how to do this. These plants you have grown can be incorporated into your own gardens later in the same year or over-wintered for sale at our booth efforts the following year.

Once again – you need to make a commitment with me so I know to keep you updated and in the loop on these activities. My contact info is in the front page column. You could grow plants to attract these butterflies.



BE

Hoary-edge Skipper; on Monarda bradburniana;



BE

Dutchman's pipe swallowtail on Liatris squarrosa

BOTANICAL NOTES:

Earnest Jesse Palmer, 1875-1962

Submitted by John R White

Ernest Jesse Palmer was born in Leicester, England, April 8, 1875. He and his sister, Louise, were brought to this country by their parents when he was three years old. They settled in Warrensburg, Missouri and later moved to Webb City, Missouri. The home was maintained throughout his life, in spite of spending many of his years away. Palmer and his family moved back to the home after his retirement in 1948 where he lived the rest of his life.

With a brilliant mind and a curiosity concerning the wonders of nature, young Ernest found fossils in the rocks and chat of the mining district of Webb City. He began to study fossils and discovered many plant-like animal forms among them which led him into the studies of botany and archeology. His education came to a halt due to a physical breakdown of his father and he found it necessary to leave high school and seek employment. He loved educational study and research and continued to pursue his interests in natural science, English literature, mathematics, economics, poetry, and managed to study Latin and Greek at old Webb City Baptist College.

When Palmer was 24 years old he had found many plants unknown to him. He mailed a package of twigs and leaves for identification to Benjamin Franklin Bush of Independence, Mo., another naturalist and pioneer in the field of botany. In 1901 Bush visited the Palmer home and spent a week there while collecting specimens, especially *Crataegus* for C. S. Sargent, then director the Arnold Arboretum of Harvard University. On his departure he left Palmer supplies for further collections which resulted in a lifelong interest in *Crataegus* and, at age 25, his association with C. S. Sargent and the Arnold Arboretum. Twelve years later, in 1913, Palmer became associated with the Missouri Botanical Garden. In two years, at age 40, he began his many collecting trips in the southwest for both the Missouri Botanical Garden and the Arnold Arboretum.

After eight years, in 1921, he came to Jamaica Plain as a regular staff member as research

taxonomic botanist at Arnold Arboretum. He retained this status until he retired in 1948.

He began publishing as early as 1910. He published seven papers in the next ten years, mostly on ferns, and in 1920 sent the first of many papers from Webb City to the new *Journal of the Arnold Arboretum*, a Harvard University publication. Two publications by Palmer and Julian Steyermark, another notable botanist, included *Ferns and Fern Allies of Missouri* and *An Annotated Catalogue of the Flowering Plants of Missouri*.

Palmer didn't marry until 1930, at the age of 55, while he was at Cambridge, Mass., where he married Elizabeth McDougall, a bacteriologist. Their three children were born there.

After his retirement in 1948 his collecting trips continued from his Webb City, Missouri, home. He collected extensively in Missouri but garnered specimens from every state in the U.S. except two. Palmer donated more than half of his 66,000 lifetime specimens to the University of Missouri Herbarium in 1962, just before his death, the rest residing at Harvard in the Arnold Arboretum Herbarium. His renowned knowledge of Missouri's flora, notably *Crataegus* and *Quercus* among other genera, led Steyermark to rely on him for assistance in writing the *Flora of Missouri*, which Steyermark dedicated to Palmer.

Ernest Jesse Palmer, without a college degree or even a high school diploma, pursued what he loved in life and won world renown as a naturalist. He died at 86, just a few months before he was to have received an honorary Doctor of Science degree from the University of Missouri. When Palmer heard of the honor to be conferred on him he said: "Now, after all these years, I can stop explaining to people why they must not call me *Doctor*".

References:

Kershaw, Marcia W. Saga of a Missouri Self-Made Scientist. St. Louis Post Dispatch, March 12, 1962.

Kobuski, Clarence E. Ernest Jesse Palmer, 1875-1962. *Journal of the Arnold Arboretum*, Vol. XLIII, October 1962, Number 4.

Year-round Challenges

Submitted by Wanda Parscal

Something to look for!! The leaves have fallen from most of our trees and the cold autumn nights have ended all of the flowers' blooms. . . . BUT, wait, what are those green leaves sprouting up here and there among the fallen leaves? Native plants are now beginning to grow new leaves; gathering energy for next year's blooms. As a new growing season evolves even before snow falls there appears a never ending challenge for the Native Botany enthusiast is to discover and identify.

This winter look for Penstemons, Asters, Elymuses, sedges, and Adam and Eve orchids under the snow.

Elderberry Focus Group Invitation

Submitted by Phillip Mohebalian,

As a forestry graduate student at the University of Missouri, I work in conjunction with the University's Center for Agroforestry. For my thesis as part of a new Sustainable Agriculture Research and Education (SARE) grant focusing on the production of elderberry (*Sambucus canadensis*), I am conducting a marketing study of consumer preferences for elderberry juice products.

I am inviting all members and friends of Missouri Native Plant Society to attend this focus group. As members of the community with a passion for the native plants of Missouri, I believe you will be able to provide an especially unique insight for our group discussion.

On Monday December 6th in Columbia, Missouri researchers at the Center for Agroforestry and I will be hosting a focus group. The focus group needs a survey of public preference of elderberry products. This local survey will be used to develop an early draft of a national survey prior to its release and to gain a better understanding of local opinions and preferences for elderberry products.

The focus group will be held on Monday December 6th of 2010 from 7:00 till 8:00 pm in the community room of Boone Electric Cooperative located on 1413 Range line Street Columbia, MO 65201-3905. If you are interested in attending or have any questions please feel free to call me at (573)-303-6243 or email me at

Pmmrn3@mail.missouri.edu.

Thank you for your consideration, Phillip Mohebalian, Graduate Research Assistant, Department of Forestry, University of Missouri, Columbia Mo 65211

Wreath Workshop and Fall Cookout

This activity was held this year at Ann Wakeman's and Mike Rues's home. Ann and Mike have rebuilt one of the most diverse native habitats in central Missouri.

Vanessa, Heather, Lynn, Paula and Nadia made wreaths. They each brought a wreath base [straw or grape vine], clippers, glue gun, florist wire, attractive dried plant material, and a sense of adventure. Everyone brought plant material to share.

The wind was too high for an open fire so we baked the game hens in the oven. In the process of smoking enough veggies for everyone, we managed to burn half of the brats on the charcoal grill. Mm-m, very tasty!!



Paula's wreath

BE photo



Vanessa's wreath V Melton-Silvey photo



Heather and Lynn are really pleased with their new wreaths made entirely of native plant materials.



BE photos

Some of the rare joys we saw on our moseys in 2010. Be sure to post all of our outings on your calendar so you will be with us when we see . . .



Adam and Eve orchid BE



Tephrosia, Goat's rue VM-S



Asclepias quadrifolia, 4-leaf milkweed; Castilleja, paintbrush VM-S



BE



Black widow with eggs VM-S



Happy Hikers at Pinnacles BE

Tribute to John Wylie

Submitted by Jean Graebner past Secretary.

As a very proud, though probably undeserving, recipient this year of the John E. Wylie Service award from MONPS last year, I want to share an anecdote that will explain why the award has layers of meaning for me.

Sometime in the 80's, I attended my first Audubon state meeting at Lake Ozark State Park. More experienced members were generous in recommending their favorites among the organized birding hikes to various locations. But the one universally labeled "not to be missed!" was the walk led by John Wylie. Never mind it wasn't a "birding" walk as such. Actually, as I look back on it, you couldn't narrow it down—it was basically botany, but finely laced with humor, philosophy, geniality, tremendous knowledge and one of the most skilled examples of "teaching" I have ever experienced.

In his A 100-year History of the Audubon Society of Missouri author Bill Clark writes of walks led by John Wylie as follows: "It is not fair to my grandchildren for John Wylie to retire...They need to follow this Pied Piper of the hills and hollows, the prairies and glades, the forests and fields, and learn to look for the things he sees and hears and smells and senses are there."

This History also has two sections devoted to John Wylie's long and productive career with the Missouri Department of Conservation: "The Forestry Years 1949-1977" and "The Natural History Years 1977-1987." It also points out that he helped organize the MO Native Plant Society, became a charter member and was very active in the organization.

John Wylie died in 2000.

Go my Sons, burn your books. Buy yourself stout shoes. Get away to the mountains, the valleys, the shores of the seas, the deserts, and the deepest recesses of the Earth. In this way and no other will you find true knowledge of things and their properties. Peter Severinus, 16th. century Dane educator.

If you have not renewed this year, this is your last issue.

Renew to Paula NOW

Please Step Forward For Service

Please contact one of the officers ready to volunteer a little time to a very good environmental and educational service. We need people to serve as officers, to grow plants for fundraising and we need people to man our information booth at events such as Earth Day and Chestnut Festival. If you get this only by mail, please consider requesting email delivery; it saves us money

___ Regular (\$16.00)*

___ Student (\$11.00)

___ Contributing (\$26.00)* designate chapter or state

___ State Lifetime (\$200)

___ Chapter Lifetime (\$120 – you must also be a member of the state organization to utilize this option)

___ Chapter only (\$6.00 – this is for members who already belong to State and another chapter)

*Includes both Chapter (\$6) and State (\$10) dues.

Make check payable to: **Missouri Native Plant Society.**
Send check and this form to: Paula Peters, 2216 Grace Ellen Dr., Columbia, MO 65202

MEMBERSHIP FORM Missouri Native Plant Society—*Hawthorn Chapter* July 1 through June 30.

Name _____

Address _____

Phone: Evening _____

Day or Cell _____

Email: _____

Method of receiving chapter newsletter:
(circle preference) **Email** **Regular mail**

Email delivery brings you color photos and it saves NPS money. With email delivery you also receive updates and announcements between newsletters. Regular Mail includes NO interim updates or reminders without request for phone contact.

Hawthorn Chapter Missouri Native Plant Society
Newsletter editor, Becky Erickson
PO Box 496
Ashland MO 65010-0496