



# Missouri Native Plant Society Hawthorn Chapter Newsletter

Volume 26, Number 1  
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The Hawthorn Chapter of the Missouri Native Plant Society Newsletter is published monthly. Send submissions to:

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January 2011

## 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.

**10 January Monday: Regular Membership Meeting** at 5:30pm at the Unitarian Church, 2615 Shepard Blvd. Your attendance is very important as we need your vote on officers. 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 4.**

**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 1 pm** [snow date 29 Jan] **Propagation Workshop at Nancy Brakhage's house 7852 Hill Creek Rd.** [THANK YOU Nancy!!] Please bring a nutritious refreshment with your workshop materials. **See article Page 3.**

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

**18 February 2011 7:00 PM: Douglas Tallamy** will be speaking at Southern Illinois University at the Browne Auditorium in Parkinson Lab Building 1259 Lincoln Drive. **See article page 4**

**14 March Monday: Regular Membership Meeting** at 5:30pm at the Unitarian Church, 2615 Shepard Blvd. Speaker TBA.

There has been a request for **winter tree identification**. If you don't have email and want to be informed of this activity, call Paula. Otherwise all the local folks will get an email announcement from the newsletter editor, Becky.

**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**

**Thanks to Vanessa Melton, John White, Amy Meier, and 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

## News from Stateside

*Submitted by John R. White, Chapter Representative*

The December State board meeting was held in Columbia at the Dunn-Palmer Herbarium on Saturday, December 4, 2010. The meeting was called to order by Paul McKenzie and a quorum was present.

- Membership: The society has twelve new members making a total of 275, with 50 life members. This total is lower than the September count, probably due to excluding those that have not renewed their membership. 80 people were purged for not paying dues.
- George Yatskievych is working on the Hudson Award details.
- Officers and two board member elections required for 2011. Petal Pusher needs an editor. Details in Jan. – Feb. Petal Pusher.
- The possibility of new brochures, as well as posters for promotional use at events was discussed. A committee including George Yatskievych, Robin Kennedy and Melissa Underwood was formed to work out details.
- Tote bag sales have been rather slow at some chapters. Rex Hill will check with a source for new T-shirt and design application price.
- The Native Orchid Conference will be held in Missouri in 2012; an event to keep in mind for a booth if we can come up with enough orchids.
- There was considerable discussion on patch-burn-grazing with cattle, which MDC is implementing on some of the few remaining high quality prairie fragments, in Missouri Natural Areas. Those in favor of PBGC indicate researching only a pristine prairie can produce the proper data for the most representative evaluation. Those opposed believe that the relatively short term data obtained by PBGC at this point is not sufficient to know the result of long term effects; therefore we should not risk the possibility of irreparable damage to model prairies, in natural areas, that many professionals have spent their careers protecting and managing. A letter will be sent to MDC indicating the MONPS concerns of using PBGC research in natural areas. More details in Steve Buback's article, Jan. – Feb. Petal Pusher.

### 2011 Tentative Board Meeting Schedule

- Spring: April 30 - May 1: Joplin
- Summer: June 11 – 12: Ironton
- Fall: Sept. 10 - 11: Sedalia
- Winter: Dec. 3: Columbia

Watch Petal Pusher for details of board meeting trips. They are always outstanding!!

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

## Voting for Officers

*Submitted by Vanessa Melton, President*

After some time recruiting candidates for officers it is time to vote on the candidates for 2011-2013:

Vice President – Nancy Langworthy

Treasurer – John George

State Representative – John White

We will be voting on this slate of officers at the January meeting on the 10<sup>th</sup>. According to the bylaws you may phone or email in your vote to any officer any time, but please, well before the meeting. [The newsletter editor is NOT an officer.]

There is no visiting speaker. The time will be used for open discussion on 2011 activities [booth involvement, moseys, workshops]; please come with some ideas and opinions.

Remember, the winter meetings (November, January, and March) start at 5:30 pm with the program being given at 6 pm. Come at 5:30 pm to socialize and catch up with old friends. See you there!



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 [4 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.

# 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. Since teaching and learning about native plants is the primary focus written into our bylaws, it is strongly encouraged that all members participate in identification moseys throughout the warmer months and in propagation workshops in the winter. 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 at 1 pm. 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. Please bring a nutritious refreshment. With pre-registration with Becky, you will get updates on possible rescheduling [29 Jan] due to too much snow.**

During this class you will learn stratification and scarification techniques to coax native seed into germination. **You will need to bring a sharpie marker, all of your collected seed to share, any/all pots and trays you have kept from last year's plantings and a small bag, or half of a large bag, or a bucket of course potting soil.** Quart cottage cheese and yoghurt containers [washed and punched] and 3" or 4" cube pots work well. Bring any 10X20 greenhouse flats. 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 in early 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 from the germination containers 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.



Hoary-edge Skipper; on Monarda bradburniana;

Monarch pair on Salvia azurea

Dutchman's pipe swallowtail on Liatris squarrosa

*Photos this page: BE*

## Tallamy Speaking at SIU

Dr. Douglas Tallamy, author of the award winning book, Bringing Nature Home:

How You Can Sustain Wildlife with Native Plants will be speaking at Southern Illinois University February 18, 2011 7:00 PM at the Browne Auditorium in Parkinson Lab Building 1259 Lincoln Drive.

Don't miss this presentation! Nadia and Randy are organizing transportation and overnight stay for anyone interested in joining them 234-2088 [Navarrete-TindallN@lincolnu.edu](mailto:Navarrete-TindallN@lincolnu.edu) . Or the SIU information contact is [botanizer@gmail.com](mailto:botanizer@gmail.com) 217-417-4145. This presentation is sponsored by the *Southern Chapter of Illinois Native Plant Society*

Comment from Jean Everett, Ph.D., [Nancy Brakhage's daughter] Senior Instructor, Department of Biology, College of Charleston: **Hey friends – I've heard Doug speak** and he is absolutely inspiring! He brings together in such an eloquent way the things we all know but may never have synthesized. His focus is on the links between native plants, native caterpillar-making insects, and native songbirds. I was enthralled throughout his entire lecture, and he's now inspired one of my students to begin "The Great American Corridor Project" – using the energy of college students to motivate communities to move back towards a more sustainable urban and suburban landscape. Doug is definitely worth the trip to Carbondale! Or, get him to come to Missouri – his fees are reasonable and he's a truly wonderful speaker. Take care. Jean.

"Tallamy communicates a hopeful message: It's not too late to save the ecological community of fauna and the answer is as simple as replacing foreign plants with natives." —*Garden Compass*

*From the Foreword of Tallamy's bestselling book:*

"As development and subsequent habitat destruction accelerate, there are increasing pressures on wildlife populations. But there is an important and simple step toward reversing this alarming trend: Everyone with access to a patch of earth can make a significant contribution toward sustaining biodiversity. There is an unbreakable link between native plant species and native

wildlife — native insects cannot, or will not, eat alien plants. When native plants disappear, the insects disappear, impoverishing the food source for birds and other animals. In many parts of the world, habitat destruction has been so extensive that local wildlife is in crisis and may be headed toward extinction. Bringing Nature Home has sparked a national conversation about the link between healthy local ecosystems and human well-being, and the new paperback edition — with an expanded resource section and updated photos — will help broaden the movement. By acting on Douglas Tallamy's practical recommendations, everyone can make a difference."

Douglas Tallamy is professor and chair of the Department of Entomology and Wildlife Ecology and Director of the Center for Managed Ecosystems at the University of Delaware in Newark, Delaware. He has authored 73 research articles and has taught Insect Taxonomy, Behavioral Ecology, and other courses for more than 20 years. His research focuses on the many ways insects interact with plants and how such interactions determine the diversity of animal communities. His book "Bringing Nature Home: How Native Plants Sustain Wildlife in our Gardens" was published by Timber Press in 2007 and was awarded the 2008 Silver Medal by the Garden Writer's Association.

## Stream Team Cleanup announced

By Amy Meier [email [Amy.Meier@mdc.mo.gov](mailto: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 you own waterproof footwear!!**

## Botanical Notes:

### David Baxter Dunn, 1917-1994

Submitted by John R. White, Chapter Representative

Dr. David Baxter Dunn came to Columbia in 1967 where he joined the Botany Department as associate professor in plant taxonomy and Curator of the Herbarium. He became a professor at MU in 1969 and was granted the title of Emeritus Professor of Biology on August 31, 1987.

Dr. Dunn was born Jan. 10, 1917 in Mustang, Oklahoma. He received his bachelor's degree at UCLA in 1940, where he became a teaching assistant, followed by his MA in 1942. UCLA awarded him a doctoral degree in 1948. From 1948-50 he was assistant in charge of botanical research for the UCLA Atomic Energy Project following the United States' detonation of atomic bombs on test sites in New Mexico.

Before joining the MU faculty he taught at the University of California and Occidental College in Los Angeles, New Mexico State College in Las Cruces, plus a lectureship at the University of Minnesota.

Dr. Dunn published more than 60 papers in the field of plant taxonomy and plant ecology. He trained 14 PhD and 17 Masters' degree students and, as Curator of the Herbarium, he and his students added more than 137,000 plant specimens to the collection. His expertise in plant identification brought in specimens for determination as well as gifts from all over the world. He was a world authority on the genus *Lupinus*. Gifts of specimens from Mexico, Columbia, Ecuador, Brazil, Argentina, and from herbaria in North America and Europe were received.

Dr. Dunn estimated that during five decades he had taught sixteen different biological science courses. Known to all his students as "Doc", his graduate students were taken on field collecting trips to the west, southwest, and Mexico with him and his wife, Betty. These trips became legendary for the numbers of specimens collected as well as the amount of beverages consumed in the hot, dry deserts.

His work was his hobby. Other than fishing trips to Colorado he spent his time on his work. After his retirement in 1987, at which time Dr. Robin C. Kennedy became the new herbarium curator, a greenhouse was built onto the back of his home. "Doc" continued to enjoy his work and Emeritus status until his death on Jan. 3, 1994; he was 76.

## References

- David Baxter Dunn, Professor Emeritus. Alumni News. Biological Sciences, University of Missouri, Columbia. Winter 1992, page 6.
- Carlson, Caron. Former Herbarium Curator Dies. Columbia Missourian. Wednesday, January 5, 1994, page 10A.



Native bee on  
Aster  
novae-angliae

BE



Bumble bee on  
Aquilegia  
canadensis

BE



Hopper on  
Rudbeckia  
subtomentosa

BE

**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: \_\_\_\_\_

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(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.**

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