



Illinois Native Plant Society — Southern Chapter

# The Shooting Star

## January 2018

# Newsletter

*"Dedicated to the study, appreciation, and conservation of the native flora and natural communities in Illinois."*

### Inside this issue:

|  |   |
|--|---|
| <i>President's Message</i>                         | 2 |
| <i>Feature Plant of the Month</i>                  | 2 |
| <i>Events Calendar</i>                             | 3 |
| <i>Local Events</i>                                | 4 |
| <i>Chainsaw Safety and Invasive Control</i>        | 4 |
| <i>Backyard Maple Production Workshop</i>          | 5 |
| <i>Map and Compass Training</i>                    | 6 |
| <i>IL Prescribed Fire Council Winter Symposium</i> | 7 |
| <i>Contact Us</i>                                  | 8 |



## *What Happened to Liliaceae? Reasons for Taxonomic Changes*

*Tuesday, January 15<sup>th</sup> at 6:30 p.m.*

*Carbondale Township Hall, 217 E. Main St.*

Presented by plant biology expert, Marisa Szubryt, this talk will cover the historical difficulty classifying the lily family, Liliaceae, and how it has changed since the eighteenth century.



*Lilium*, Liliaceae



*Agapanthus*, Amaryllidaceae

Numerous Liliaceae species grow natively or have been introduced to Illinois. Come find out what a true biological lily is & just how much Liliaceae has changed since Linnaeus' time! This program is free and open to the public.



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## Message from the Southern Chapter President

Happy New Year! And a chilly one it is! I was delighted to see and photograph lovely “frost flowers” or ice ribbons on wild oregano plants in my backyard over Christmas. This phenomenon is not seen in more northerly climates and is always a treat to find in the wintery woods. The lake at my residence also froze solid and my wife and I were able to ice skate on it this week, which was a real treat. I wonder how many more years it will be before we are able to do that again.



Photo courtesy,  
Chris Benda

We have another year of programming about wrapped up and are excited about the offerings. Our monthly programs are generally held on the 3<sup>rd</sup> Tuesday of the month and we meet at the Carbondale Township Hall. Dinner with the speaker begins at 5:00PM and the presentations start at 6:30PM. Workshops, field trips, and the annual Indigenous Plants Symposium are generally held on weekends. Speaking of the Symposium, the date has been changed to April 13-15 in order to accommodate our speakers' availability.

Our next program will feature board member, Marisa Szubryt, who will speak about the fragmentation of the Lily family. In Illinois, the only native genera that remain in the Liliaceae are *Clintonia*, *Erythronium*, and *Lilium*. Learn about why this once large family has been broken up.

In February, I invite INPS members to join me and my wife at our residence in Makanda for a potluck and “cadaver botany” hike. This term is used to describe the act of looking at plants in the dormant season. We will provide a lunch of hearty chicken soup and ask guests to bring a side dish. After lunch, we will walk in the adjacent woods looking at the above ground remains of last year's perennial plant growth, as well as tree characteristics, and bryophytes like moss. See the rest of the 2018 calendar of events on page 3.

The INPS ballot was sent out and all the responses were in the affirmative. We will vote to approve the ballot at our next board meeting which will be on January 15 at 5:00PM. Board meetings are scheduled for the 3<sup>rd</sup> Monday of each month, but we don't always meet every month. The locations change so if you would like to attend a board meeting, please let us know.

2018 is going to be a great year! I hope to see you soon at one of our many events! ~Christopher David Benda

### SAVE THE DATE

**Cadaver Botany Hike & Potluck**  
**Sunday, Feb. 11<sup>th</sup>, 12-4pm**  
**INPS members only**  
**192 Krysher Road, Makanda**  
**Midlands Hills Country Club**

## Feature Plant of the Month Putty Root Orchid, *Aplectrum hyemale*

This species is also referred to as the Adam and Eve orchid. While it may seem strange for the leaves to exist this time of year, it's because this orchid photosynthesizes in the winter. The emergence of the leaf coincides with the late fall and winter months when more light reaches the forest floor because the deciduous trees have lost their leaves. They are able to photosynthesize at temperatures as low as 35 degrees! It is easily missed when blooming (late spring into summer) due to the inconspicuously colored flowers in hues of olive green and burgundy. The bulb-like corms exude a sticky, mucus like substance that were used to repair pottery and crockery, giving way to the orchid's name. The natural range of this species is similar to the Crane-fly Orchid; similar appearances can make identification confusing. Look for it in moist woodlands, above streams, bottom of slopes, and damp depressions.

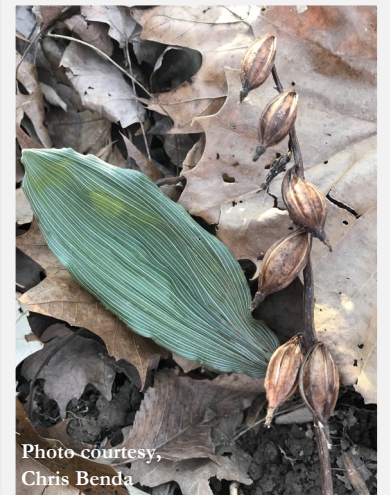


Photo courtesy,  
Chris Benda

2018



## Southern Chapter

P.O. Box 271, Carbondale IL 62901

southernillinoisplants@gmail.com

www.facebook.com/southernillinoisplants

### Calendar of Events

|            |   |   |                  |
|------------|---|---|------------------|
| Jan. 16    | Marisa Szubryt                            | What Happened to Liliaceae?                           | CTH              |
| Feb. 11    | Chris Benda                               | Cadaver Botany and Potluck                            | Midland Hills    |
| Mar. 20    | Dr. Jen Weber                             | TBD   | CTH              |
| Apr. 13-15 | Various<br>(keynote Dr.<br>Jerry Wilhelm) | Indigenous Plant Symposium                            | John A. Logan    |
| May TBD    | Chris Benda                               | Pleasant Valley Hill Prairies EA                      | Eddyville        |
| June 2-3   | Justin Thomas                             | Sedge Workshop  | SIU, field sites |
| June 8-10  | Various                                   | INPS Annual Gathering                                 | Kankakee Chapter |
| July 17    | John E.<br>Schwegman                      | Milkweeds of Illinois and<br>their Pollination System | CTH              |
| Aug. 21    | Chris Benda                               | Flora of the Coastal Plains of Illinois               | CTH              |
| Sept. 18   | TBD                                       | TBD   | CTH              |
| Oct. 16    | Erin Medvecz                              | TBD   | CTH              |
| Nov. 20    | TBD                                       | TBD   | CTH              |
| Dec. TBD   | INPS                                      | Holiday Dinner and<br>Award Ceremony                  | The Haven        |

CTH = Carbondale Township Hall, 217 E. Main St., Carbondale IL at 6:30 pm; TBD = To Be Determined  
For more information visit <http://www.ill-inps.org/index.php/southern-chapter>



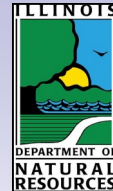
## Local Events

### Giant City State Park

#### The Ecology of Spring Ephemerals

Sunday, January 8<sup>th</sup> 2 pm—3 pm

Spring is a magical time in southern Illinois and one reason is because of the incredible diversity of ephemeral wildflowers. These are plants that flower in the spring and only last a short time. Chris Benda's presentation will feature a selection of these colorful and conspicuous plants, along with interesting information about their identification and natural history. This program is free, but please register in advance by calling 618-457-4836.



### Cape Girardeau Nature Center

#### Winter Tree ID

Saturday, January 20<sup>th</sup> 1 pm—3 pm

Expand your skills beyond leaf identification and discover what other features may be used to identify tree species. After all, you don't know a tree until you see it leafless. This hike will take place outside on the Ridgetop Trail behind the Nature Center, so please dress accordingly. Youth and adult groups welcome.



### Invasive Species Corner

*Please look at the following resources for the latest in Invasive Species news.*

## Chainsaw Safety and Invasive Control Training



Department of Natural Resources  
and Environmental Sciences

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

January 20<sup>th</sup>, 1pm - 4pm  
Dixon Springs Agricultural Center  
354 State Highway 145N  
Simpson, IL 62985-9614

Join us for a hands-on, field training for Chainsaw Safety and Invasive Species Control. Participants will get training in the safe use of chainsaws, what safety gear to use, and an opportunity to practice these skills with experts.

Please RSVP or ask questions by email [krohling@illinois.edu](mailto:krohling@illinois.edu) or phone 618-695-3383 by January 19<sup>th</sup>.

Wear long pants and sturdy leather boots. If you have them, bring chainsaws and PPE (chaps, helmets, hearing protection, eye protection). We also have that stuff to loan if needed.

## Backyard Maple Syrup Production Workshop February 3rd, 2018 10:00am

The third annual backyard maple syrup production workshop will be held on Saturday, February 3, 2018 from 10am-noon at the Dixon Springs Agricultural Center, located at 354 State Highway 145 N, Simpson, IL 62985. This program is free and open to the public.

Chris Evans, University of Illinois Extension Forester, will cover tree identification, equipment needs, tree tapping, sap collection, boiling, and finishing maple syrup. Participants will see firsthand the processes involved in making maple syrup. We will have a demonstration of a syrup evaporator and an optional tour of a sugarbush forest, managed for maple syrup production and utilizing a pipeline system of sap collection.

The University of Illinois Extension will provide some activities for kids, including taste testing of real maple syrup!

**Come see firsthand the entire process of maple syrup production!**

If you are interested in attending this workshop, please RSVP by February 2, 2018 by calling the Ag Center office at 618-695-2441, please indicate if you need a reasonable accommodation to participate in this program.

**For more information:**

Chris Evans— [cwevans@illinois.edu](mailto:cwevans@illinois.edu), 618-695-3383

Bronwyn Aly— [balv@illinois.edu](mailto:balv@illinois.edu), 618-252-8391



UNIVERSITY OF ILLINOIS  
**EXTENSION**

*Extending Knowledge* Changing Lives

**Dixon Springs Ag Center**  
**354 State Hwy 145 North**  
**Simpson, IL 62985**  
**Saturday, Feb 3, 2018**  
**10:00am to 12:00p.m.**

University of Illinois College of Agricultural, Consumer and Environmental Sciences— United States Department of Agriculture.—Local Extension Councils Cooperating provides equal opportunities in programming and employment.

If you need a reasonable accommodation to participate in this program, contact Dixon Springs Ag Center at 618-695-2441.



# 2018 Map and Compass Training

February 10th, 9am–4pm, Dixon Springs Ag Center



Are you interested in  
learning to navigate using a  
map and compass?

The University of Illinois Extension Forestry is teaming up with the Shawnee National Forest to host this Map and Compass Training. The workshop will be hands-on and outdoors.

## To Register—

There is a \$10 fee for this workshop, lunch is included. To register, go to [http://web.extension.illinois.edu/state/calendar\\_event.cfm?ID=76721](http://web.extension.illinois.edu/state/calendar_event.cfm?ID=76721) or call 618-695-2441.

For more information:

Chris Evans— [cwevans@illinois.edu](mailto:cwevans@illinois.edu), 618-695-3383

University of Illinois College of Agricultural, Consumer and Environmental Sciences— United States Department of Agriculture.—Local Extension Councils Cooperating provides equal opportunities in programming and employment. If you need a reasonable accommodation to participate in this program, contact the Dixon Springs Ag Center, 618-695-3383.



**Dixon Springs Ag Center**

**354 State Hwy 145 North**

**Simpson, IL 62985**

**February 10, 2018**

**9:00 a.m. to 4:00 p.m.**



## Illinois Prescribed Fire Council's Winter Symposium

February 6 & 7, 2018



### FEATURED SPEAKER

**Dr. Greg Nowacki**

**Forest Ecologist, USFS-Milwaukee**

*"Current Efforts to Re-Integrate Prescribed Burning Across  
Central Hardwood Forests"*



REGISTRATION DEADLINE  
**January 31, 2018**

REGISTRATION & FEES  
**\$75; Student Rate \$25**

LOCATION  
**Giant City Lodge  
Makanda, Illinois**

Contact Jackie Welch at 618.453.5672  
or register on the website at  
[www.illinoisprescribedfirecouncil.org](http://www.illinoisprescribedfirecouncil.org)

February 6— Join us for a full day of presentations from 9 am – 4 pm  
February 7— A Field Trip to local fire management sites from 9 am – Noon  
CFE credits will be available.

JOE MARSCHALL—OWFFC Coordinator

*"Resources of the Oak Woodland and Forest Fire Consortium"*

GURBIR SINGH—SIUC Forestry PhD. Student

*"Prescribed Burning and Erosion Potential in Mixed Hardwood Forests of southern Illinois"*

KEVIN ROHLING—Cooperative Weed Management Coordinator

*"Invasive Species and Rx Burning Issues"*

JESSE RIECHMANN—Southern Illinois Prescribed Burn Assoc. Coordinator

*"SIPBA operations with local landowners across southern Illinois and possible statewide expansion"*

JENNY SNYDER—Makanda Community Wildfire Protection Plan Coordinator

*"Implementing a Community Wildfire Protection Plan"*

CHARLIE FOOR—IDNR GIS Specialist

*"Fielding the ArcGIS locator APP for mapping prescribed burn units"*

SCOTT CRIST—Shawnee NF Fire Management Officer

*"Advancing The Rx Fire Program of the Shawnee NF"*



Oak Woodlands & Forests  
Fire Consortium

**SIU** Southern Illinois  
University





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Carbondale, IL 62903-0271

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[www.ill-inps.org](http://www.ill-inps.org)



*Dodecatheon frenchii* –  
French's Shooting Star

### Board Members

President: Chris Benda  
VP: Chris Evans  
Secretary: Erin Medvecz  
Treasurer: Sonja Lallemand  
At-large: Nancy Garwood  
At-large: Jean Sellar  
At-large: Jody Shimp  
At-large: Marisa Szubryt  
Newsletter: Jennifer Behnken

Know someone who would like to receive our newsletter? Please have them send their email address to [southernillinoisplants@gmail.com](mailto:southernillinoisplants@gmail.com) to be added to our distribution list!



### Join us!

- ☐ New Member    ☐ Address Change only  
☐ Renewal    ☐ Additional Donation

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| Phone Number _____ | Membership Year _____ |           |
| Email _____        |                       |           |

- #### Membership Categories
- ☐ Student.....\$15.00  
☐ Individual.....\$25.00  
☐ Family.....\$35.00  
☐ Institutional (nonvoting)..\$20.00  
☐ Supporting.....\$50.00  
☐ Patron.....\$100.00  
☐ Business.....\$125.00  
☐ Life.....\$500.00  
☐ *Iliamna* (life).....\$1,000.00  
☐ *Dodecatheon* (life).....\$2,000.00  
☐ *Erigenia* (life).....\$3,000.00

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Illinois Native Plant Society, P.O. Box 271, Carbondale, IL 62903

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**Erigenia**, our scientific journal, is now available digitally as well as in print.

Please indicate your preference for receiving the journal.

☐ Email only    ☐ Postal Mail only    ☐ Both

#### Chapter Affiliation

- |  |  |
|--|--|
| <input type="checkbox"/> Central (Springfield)       | <input type="checkbox"/> Northeast (Chicago)       |
| <input type="checkbox"/> Forest Glen (Westville)     | <input type="checkbox"/> Quad Cities (Rock Island) |
| <input type="checkbox"/> Grand Prairie (Bloomington) | <input type="checkbox"/> Southern (Carbondale)     |
| <input type="checkbox"/> Irene Cull (Peoria)         | <input type="checkbox"/> Other/Uncertain _____     |
| <input type="checkbox"/> Kankakee Torrent            |  |

#### I would like to help with:

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Leadership & Organization (serving on board at State or Chapter level) | <input type="checkbox"/> Giving Workshops &/or Seminars | <input type="checkbox"/> Public Media/Communications |
| <input type="checkbox"/> Leading Field Trips & Tours  | <input type="checkbox"/> Public Speaking                | <input type="checkbox"/> Writing/Submitting articles |
| <input type="checkbox"/> Organizing Workshops &/or Seminars                                     | <input type="checkbox"/> Fund Raising                   | <input type="checkbox"/> Photography                 |
|   | <input type="checkbox"/> Website Assistance/Managment   | <input type="checkbox"/> Other: _____                |