Note from the Director

Happy New Year to all!! We hope you are enjoying the winter season and all of the unique beauty it brings.

Severson Dells is gearing up for another year full of activities for all ages. Kids can enjoy a week of summer camp. Adults can partake in lectures and wellness programs. Families can share in the fun of guided hikes, Readings from the Rookery, pond explorations and a long list of other programs coming your way this year. There is fun--and learning--to be had by all!

Our goal this year is to help our community unplug and connect. Unplug from the busyness of everyday life and from our electronic devices. A recent Nielsen study reported that the average American spends 10 hours and 39 minutes in front of a screen every day! So we ask you to put down your screens for a little while, soak up the beauty of nature, and connect with family and friends.

We cannot wait to see you out at Severson this year!

Ann Wasser
Director

Severson Dells Breakfast Thank you

“Unplug to Connect”

The board and staff at Severson Dells would like to express our gratitude to the many people who helped make our annual breakfast a success. Thank you to all of our sponsors who made it possible for every dollar raised at the event to go straight to nature education programming. Thank you to all of our table hosts who invited friends, family and colleagues to join us to learn about the work being done at Severson Dells. Thank you to all of our guests who attended the Breakfast and supported nature education at Severson Dells. Thank you, finally, to Hoffman House, The Pavilion at Orchard Ridge Farms, and to the Culinary Arts students from RPS 205. Without all of their hard work the event would not have been as successful as it was.

We could not do the work we do without all of your generous support.

Thank you, and we look forward to Unplugging and Connecting with all of you over the next year.
Join the Severson Dells Conservation Crew—
Ecological Restoration Volunteer Workdays

Saturday, January 12
(Special celebration of Aldo Leopold; see below)
Monday, January 28
Saturday, February 9
Monday, February 25
Saturday, March 9
Monday, March 25

Stay active throughout the winter by participating in the restoration of our natural areas: cutting, hauling, and stacking invasive brush—it’s great exercise! Spend an invigorating morning as a member of the crew, working alongside fellow volunteers to remove invasive shrub species from the woods. Weather permitting, a small fire will help keep us cozy. We work from 9:00 a.m. to 12:00 p.m. on the second Saturday and fourth Monday of each month. Dress in layers and let us know to expect you: ann@seversondells.org or 815-335-2915.

Aldo Leopold’s Birthday Celebration
Saturday, January 12 12:00 p.m. – 2:00 p.m.

Acclaimed conservationist Aldo Leopold was born on January 11, 1887 in Burlington, Iowa; he worked for the US Forest Service in the American Southwest and taught at the University of Wisconsin, Madison. With the 1949 publication of his seminal work, A Sand County Almanac, he became—posthumously—a leading voice of ecological conservation in the 20th century. But why did Aldo Leopold visit Severson Dells in 1936 and 1937 and what did he find there? Find out when we celebrate the life and work of this influential Midwesterner at (and after) our volunteer restoration workday Saturday, January 12, 2019. Pack a lunch and bring a favorite Leopold quotation, read a passage from one of his writings, or be prepared to discuss Leopold’s Land Ethic. Plan to stay to learn about the connection between Aldo Leopold and Severson Dells! Depending on the weather, after the workday we can gather on the porch or in the classroom.

Yoga at the Dells
First Tuesdays: 6:00 p.m. – 7:30 p.m.
(We’ll delay the start in January so as to accommodate the New Year Holiday.)

January 8
February 5
March 5

(Ages: for adults and accompanied adolescents)
Enjoy an evening of traditional yoga, both relaxing and invigorating, punctuated with periods of relaxation and brief, guided meditation. You will go home afterward feeling very much at peace. Bring a yoga mat and drinking water. Register at: www.seversondells.com/events/yoga01-08-19 or call 815-335-2915.
Single Session: $10 (members)   $15 (nonmembers)
Series of Three: $25 (members)   $36 (nonmembers)

Travelogue: Tropical Forest Indigenous People of South America
Sunday, February 24, 1:00 p.m. – 2:30 p.m.

Join us for an afternoon of adventure travel with Bob Arevalo. When Bob was living in Venezuela many years ago, he was invited to visit the Yanomamo Indians in the Amazon Territory of Venezuela. At the time, some scientists considered them to be the most primitive indigenous peoples left on earth. Up to that point, they had very little contact with the outside world. Bob’s presentation includes a collection of artifacts that he received on this fascinating and memorable trip. Please RSVP at www.seversondells.com/events/travelogue or call 815-335-2915.
Full Moon Hike (all ages)  
**Wednesday, March 20, 6:30 p.m.–8:00 p.m.**

Earlier in the day, the sun will have crossed the celestial equator, officially ushering in our spring season. The full moon will rise shortly before 7:00 p.m. and the sun will set shortly thereafter. Join us for an evening hike along Severson Dells’ scenic trails to witness these celestial events—or, if cloud cover persists, to witness the beauty of the twilight landscape. (Save your flashlight for emergency use; we’ll exercise our night vision and maneuver by the light of the moon.) The program is free, but please register in advance so that we can be prepared for the turnout: www.seversondells.com/events/fullmoonhike2018-03-20 or 815-335-2315. Space is limited to 30.

Winter Hikes  
**Saturday, January 26, 10:00 a.m.–11:30 a.m.**  
**Saturday, February 16, 1:00 p.m.–2:30 p.m.**  

Take a break from the winter blahs and join us for a guided walk along the trails as we search for signs of wildlife—hopefully in the snow! We’ll enjoy a cup of cocoa when we return to the building. Dress for the weather. Family friendly. Must be able to walk a mile or more over moderate winter terrain. FREE. RSVP at www.seversondells.com/guided-walks/ or call 815-335-2915.

**Wednesday, March 13, 6:30 p.m.–8:00 p.m.**  
**Special Topic: Woodcock Walk**

Spring is on its way when the call and flight of the timberdoodle graces our evenings. Join us for a leisurely stroll of our grasslands to look and listen for these delightful birds. RSVP at www.seversondells.com/events/woodcockwalk or call 815-335-2915.

Species Spotlights  
Citizen Scientists roam the forest preserves of Winnebago County collecting data on a number of local species. These volunteers are trained and equipped to record the presence and relative abundance of a variety of organisms; information collected in the field helps to inform planning and decision making for the preserves. Two Species Spotlight events will highlight the studies undertaken, reveal insights into the intelligence gathered, and introduce registrants to the opportunities that follow. You can be a Citizen Scientist, too! Keep your eye on the Severson Dells event calendar to find out when the Species Spotlight will be held.
Drum – Making Workshop
Saturday, March 16, 10:00 a.m.–1:00 p.m.
Frame drums have been used in many cultures around the world throughout human history. Drumming has made a strong comeback in recent years, with science backing up the many benefits of the activity. In this class, each participant will complete a 15” drum made with a bent wood frame and bison rawhide, as well as a beater. Class length depends on each maker’s skill, but expect to be here at least two hours. Bring a lunch or snack. Registration and payment must be received by January 26 so that we can order supplies. Limited to 8 participants; ages 16 years and up. Fee: $130 for members, $150 for nonmembers. Due to material investment, we cannot refund fees in the event of your cancellation. Register online: www.seversondells.com/events/drumworkshop or by calling 815-335-2915.

Scouting Programs
To register for a scout program, visit the Scout Programs page on the Severson Dells website at www.seversondells.org/scout-programs/ or call 815-335-2915.

Cub Scouts – Bird Study
Saturday, January 5, 10:00 a.m.–12:00 p.m.
Scouts looking to work on their birding badge are invited to join us as we learn about bird anatomy, how to use binoculars, and basic bird ID. At the end of the program, scouts should be able to easily identify at least five common feeder birds. Registration deadline: January 3. Fee: $10/scout.

Girl Scouts – Seniors – Sky
Saturday, February 2, 10:00 a.m.–12:00 p.m.
Too few of us take the time to look up! From cloud formations to constellations, animal migration to northern lights, there is an awful lot going on overhead. Senior Girl Scouts can work on earning their Sky Badge in this hands-on program. Registration deadline: January 31. Fee: $10/scout.

Cub Scouts – Forestry
Saturday, March 2, 10:00 a.m.–12:00 p.m.
Working with one of our staff naturalists, scouts prepare a field notebook of 15 local native trees, shrubs and vines. Includes ethnobotanical information as well as species characteristics and ID. Registration deadline: February 28. Fee: $10/scout.

Girl Scouts – Juniors – Animal Habitats
Saturday, April 6, 10:00 a.m.–12:00 p.m.
Illinois is home to many wonderful animals. Come explore with us to discover who lives where and why. Registration deadline: April 4. Fee: $10/scout.

Cub Scouts – Field Botany
Saturday, May 4, 10:00 a.m.–2:00 p.m.
Are you working on your Plant Science badge? Let us help you earn it by teaching you about some of the amazing native plants that grow in Northern Illinois. Spring is a great time to be introduced to field botany, for the woodland flowers will be in full swing, while the grassland plants are just getting started. We will help you learn to identify some of our native trees, shrubs, woody plants and flowers, as well as the most common invasive species. We will also help you learn how environmental factors affect what grows where. Participants will discover how we control invasives and encourage native species. * This program is longer than the usual two hours: 10:00 a.m. – 2:00 p.m. Please bring your lunch and dress to be outside. Registration deadline: April 30. Fee: $15/scout.
Homeschool Programs

Homeschooled students/families are invited to join us for a variety of lessons throughout the year to build on your science learning. Students ages 8 years and up are invited to come out and enjoy an educational morning in nature with our naturalists. All our lessons are at least partly outdoors, and most are entirely outside, so be sure everyone is dressed for the weather.

Registration Options:

You can sign up a-la-carte (by the month - $10/student/lesson) or for a package deal (per trimester [3 months] - $25/student/trimester. We have a minimum requirement of three students per class, and a maximum of 15 students per class. We will maintain a waiting list. Payment is due at time of registration. Cancellations received five or more days prior to lessons will be fully refunded, otherwise the registration fee can be applied to a future class during the 2018-2019 school year.

Jan. 17 – Snow Patrol – Animal Tracking
Join us as we learn how animals move! Indoors we’ll learn basic gaits, a few footprints, and play Animal Track Twister. Then we’ll head outside to see what tracks we can find and see if we can read the stories they tell. Register by 1/10.

Feb. 21 – Birds of a Feather
Birds are the highly specialized descendants of dinosaurs! We’ll look at beaks, feet and feathers, learn how to use binoculars as we watch the birds at our feeders, and make a bird feeder to take home. This lesson is mostly indoors. Register by 2/14.

Mar. 21 – Journaling and Nature Observation
Learning to be still and observe is an important skill for everyone, especially those who enjoy being outside and watching nature. Participants learn some basic observation techniques and how to record what they observe. Please come with your own journal and writing/drawing supplies. Register by 3/14.

Apr. 18 – Biodiversity Investigation
Exploration – that is the name of the game today! Armed with hand lenses and curiosity, we head off trail into the woods and grasslands looking for any and all signs of the critters that call these habitats home. Our goal is to discover which habitat has the greater number of critters (abundance), and which has more types of critters (diversity)...and figure out why. Register by 4/11.

May 16 – Aquatic Studies
Learning what lives in the water can be a real eye-opening experience! We spend this morning looking for who lives in the pond and the stream. Participants should expect to get wet – we will be wading in Hall Creek. Required: water shoes (old sneakers or boating shoes) – must completely and securely attach to the foot; no crocs or flip flops – Wellies are also not recommended. We also suggest bringing a change of clothes and a towel...just in case. Register by 5/9.

Illinois Clean Energy Community Foundation Update

This past summer we let you know about a recent grant we were awarded from the Illinois Clean Energy Community Foundation in support of natural-area restoration at Severson Dells. We are excited to announce that we are a third of the way towards our donation match of $7,000 and we are almost halfway to our volunteer hours goal of 400 hours. If you would like to help us reach our goals for this grant, please consider volunteering as a part of our Conservation Crew that meets from 9am-12pm on the second Saturday and fourth Monday of the month. You can also help us reach our goal by donating. For every dollar Severson Dells raises, the Illinois Clean Energy Foundation will match it with $3. Please contact us at 815-335-2915 if you would like to volunteer or donate.

All of this work will improve the habitat at Severson Dells to make it a better natural resource and a better place to learn about plants and animals native to Illinois.

Thank you so much to all that have helped support us already!
The first snowfall of the season is exciting in a way that subsequent winter precipitation can’t match. The change in weather launches a flurry of pre-nightfall bird activity offering photographic opportunities unique to winter, so I went outside to capture images. Watching their movement is a hungry Cooper’s Hawk, the silent, swift, and deadly backyard hunter. It didn’t get dinner from my yard this time, but as a regular visitor its return is inevitable.

Early the next morning while the snow was fresh, I ventured outside to investigate the animal tracks left overnight on our property. Deer tracks bisected the driveway from south to north, their heart-shaped hoofprint offering the directional clue. Coyote tracks are prevalent and meander over most of the property as well as the hand-like prints of raccoon and opossum. Three-pronged turkey tracks reveal where they headed after descending from their overnight roost, as well as the number in the flock.

As I followed a set of tracks, my peripheral vision picked up a large shape in the trees. Staring back at me from an upper branch of a large oak was a Barred Owl, its unblinking, liquid brown eyes fixed on my location. We studied each other for several seconds; me with awe and admiration, the owl for a clue to my next move. When I continued on my quest, the owl flew to another tree limb igniting the high-pitched squirrel alert system and inciting the very loud and persistent shriek of a Northern Flicker; both keeping up the noise longer than I, or the owl, would prefer.

Heading down the hillside to the creek, I visually scanned the pine grove and was rewarded with the sight of an intact portion of the twice-used Great Horned Owl nest, giving me hope that it will be suitable for use this winter. The presence of the Barred Owl was an indicator that the Great Horned territory had yet to be established, so I vow to pay close attention to any sounds and activity in the pines over the next couple of months, with unsolicited help from the crow population.

The volume of tracks revealed suggests to me that night-time activity is thriving in this neck of the woods. While I lack the knowledge to identify who left every footprint, my guess is that it is most likely the usual backyard wildlife. What I know is that as night descends, all manner of creatures prowl our property and their excursions remain undetected until a fresh snowfall provides the evidence of their nocturnal activity.
Wilding

Review by Chuck Wemstrom

This English term for prairie restoration may make you rethink everything.

Wilding, by Isabella Tree, is the story of how she and her husband, Charles Burrell, took their 3,500-acre farm out of crop and dairy production and turned it into a wood pasture in Sussex, about 40 miles from London. She describes their former farm as a money-losing proposition on marginal farm ground and mentions that farmers in the United Kingdom (UK), European Union (EU), India, Australia and the US face similar economic problems.

The book should encourage environmentalists to revisit their ideas on restoration and how “wilding” can play a major role in protecting our environment. At first, the couple were going to follow the standard model for prairie restoration -- prepare the ground, plant native prairie seed, wait a year or two, start picking seed for the next site, burn the prairie, and fight to keep invasives and non-natives out.

This proved to be too expensive, labor intensive and time-consuming for the rewilding of 3,500 acres. They visited projects in the Netherlands where people were doing what the author hoped to do. Although the Dutch were doing wilding for flood control, Tree and Burrell thought it could work on their farm. They sold their animals, most of their farm equipment, and turned the buildings into incubator offices.

According to Wikipedia, “The ultimate goal of rewilding efforts is to create ecosystems requiring passive management..., the successful reintroduction of keystone species creates a self-regulatory and self-sustaining stable ecosystem.”

They chose not to fight invasives, not to conduct prairie burns, but to let the land heal by itself. They fenced in the property and introduced konik ponies, longhorn cattle, red deer and Tamworth pigs to mimic the grazing of wild boar and horses, and extinct aurochs. In her book, Tree asks, “What is a non-native plant?” and answers that no one really knows or in her opinion, cares.

The couple is happy with the results. The animals keep the vegetation in check, and the land has diverse and growing numbers of insects, birds and small mammals.

But they’re realists. On the cover of the book is a beautiful painting of a turtle dove. Although the number of nesting pairs on their farm increases every year, they realize the dove is doomed. Although 3,500 acres seems huge, it’s a mere trifle compared to the dove’s travels across southern Europe, the Mediterranean and half of Africa. The turtle dove faces overwhelming environmental hazards.

Tree talks about wilding, but she also makes the environmental connections. She describes how their project is part of the big picture, something that folks sometimes fail to do when they are so focused on the “gather seed, plant, burn and then repeat” method. For conservation groups in the US, wilding as described by Tree would free us up to think bigger and connect our restoration projects to the entire landscape. Tree talks at length about the project, the birds, including the nightingale, and the positive effects on the environment and on people’s individual health, as well as the possible mitigation of climate change.

The favorable press the book has received reports that wilding is spreading not only in the UK, but in the EU as well. And Wikipedia lists successful projects closer to home.

Maybe you’re going to say, “Yes...but.” One of Tree’s great strengths is that she is a professional writer, and she’s anticipated our questions and has already answered them. The couple do receive some government and non-profit funding, but they have a safari business and a small specialty butcher shop that sells meat from their own wild animals. The safaris are from half-day to long weekend trips to the farm. They are a wonderful mix of environmental education and an opportunity for Londoners to reconnect with nature. There are docent-guided and self-guided tours and activities. See https://www.kneppsafaris.co.uk/
Adventure awaits you at
Severson Dells Nature Center’s
2019 Summer Day Camp!

Ages 4-6 Years
Wild Things - Outdoor fun and exploration every day for our youngest campers. 9:00 AM - Noon.
Two Sessions: June 10-14 & July 8-12

Ages 7-11 Years
Peek-in-the-Creek - Our most popular summer camp is chocked full of classic camp fun, and every day is spent at/in the creek!
9:00 AM - 3:00 PM.
Two Sessions: June 17-21 & July 5-19

Ages 8-12 Years
Forest Fantasy - Each day is spent in “magical” activities that showcase the fantastical around us every day. From potion-making to invisibility, we have something for everyone, including a visit to Troll Hollow.
9:00 AM - 3:00 PM.
One session: June 24-28

Ages 11-14
Jr. Biologist - Perfect for the young nature enthusiast and scientist in your family! Each day we explore a different “-ology” (dendrology, ornithology, entomology, etc.). 9:00 AM - 3:00 PM.
One session: July 29-Aug. 2

Ages 12-16 Years
Blazing Paddles - Teens learn basic paddling skills and etiquette on day one, then spend the rest of the week exploring the rivers of Winnebago County. 9:00 AM - 3:00 PM.
One Session: July 22-26

Grandparents Camp
Grandparents (any age) and their grandkids (ages 4-10 years) spend the morning enjoying some classic summer camp fun. 9:00 AM - Noon.
One session: July 3

Our summer campers spend the majority of each day outdoors; exploration is a key part of our daily adventures.

Camp Rates:
Full-day camps (ages 7-14): $110/member; $140/non-member
Half-day camps (ages 4-6): $80/member; $95/non-member
Blazing Paddles (ages 12-16): $170/member; $200/non-member
Grandparents Camp:
1 grandparent, 1 grandchild: $25/member; $35/non-member
1 grandparent, 2 grandchildren: $40/member; $50/non-member

Camp Details:
* Registration deadlines are one week before starting date.
* Campers must be the minimum age by the start of camp.
* Young campers must have independent bathroom skills.

For more information or to register:
815-335-2915 or www.seversondells.org/camp

Severson Dells Nature Center  8786 Montague Rd., Rockford, IL  61102
Memorials
Eunice Benning
Frances Kim Dewey
The Frana Family
Vernon LeRoy Goethe
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Brian Leaf
Dennis K. Leaf
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Become a Member of
“Friends of Severson Dells”

or give an additional gift

Members receive:
- Discount at Severson Dells’ Gift Shop
- Reduced admissions to Severson Dells programs
- Members-only programs at Severson Dells
- Early Summer Camp registration
- Check-out privileges at Severson Dells Library
- “Notes From the Dells” quarterly newsletter with calendar of programs and special events
- Free admission to participating Association of Nature Center Administrators member nature centers around the country

Annual Membership:
- Individual $40
- Family $65
- Sponsor $125
- Benefactor $300
- Sustaining $600
- Patron $1000

Become a member online at
www.seversondells.org/become-a-member/

Name ______________________________________

Address _____________________________________

City _______________ State _______ Zip ____________

Phone ________________________________

Email _____________________________________

I would like to support the mission of SDNC with a gift of ________ at this time.

Contributions are tax deductible as allowed by law.

Thank You!
Thank you so much to all those who contributed to our Giving Tuesday campaign supporting The Grove Nature Playscape. We are looking forward to making necessary repairs and upgrades to the space to provide more opportunities for creativity in a nature play setting.

What Will Your Legacy Be?
Name Severson Dells Nature Center in your will or bequest. You will help us raise the next generation of earth stewards. Contact your attorney or financial advisor for advice.
**Severson Dells Activities: 815-335-2915**

**CUT OUT AND POST WHERE YOU KEEP TRACK OF YOUR FAMILY'S ACTIVITIES!**

**JANUARY 2019**

- **05** Cub Scouts – Bird Study  10:00 a.m.-12:00 p.m.
- **08** Yoga at The Dells  6:00 p.m.-7:30 p.m.
- **12** Conservation Crew Volunteer Workday  9:00 a.m.-12:00 p.m.
- **12** Aldo Leopold’s Birthday Celebration  12:00 p.m.-2:00 pm
- **26** Winter Hike  10:00 a.m.-11:30 a.m.
- **28** Conservation Crew Volunteer Workday  9:00 a.m.-12:00 p.m.

**FEBRUARY 2019**

- **02** Girl Scouts – Seniors – Sky  10:00 a.m.-12:00 p.m.
- **05** Yoga at The Dells  6:00 p.m.-7:30 p.m.
- **09** Conservation Crew Volunteer Workday  9:00 a.m.-12:00 p.m.
- **16** Winter Hike  1:00 p.m.-2:30 p.m.
- **14** Night Hike at Severson Dells Forest Preserve  5:30 p.m.-7:00 p.m.
- **24** Travelogue: Tropical Forest Indigenous People of So. America  1:00 p.m.-2:30 p.m.
- **25** Conservation Crew Volunteer Workday  9:00 a.m.-12:00 p.m.

**MARCH 2019**

- **02** Cub Scouts – Forestry  10:00 a.m.-12:00 p.m.
- **02** Species Spotlight on Vertebrates at FPWC Headquarters  9:00 a.m.-12:00 p.m.
- **05** Yoga at The Dells  6:00 p.m.-7:30 p.m.
- **09** Conservation Crew Volunteer Workday  9:00 a.m.-12:00 p.m.
- **13** Woodcock Walk  6:30 p.m.-8:00 p.m.
- **16** Drum-Making Workshop  10:00 a.m.-1:00 p.m. (registration deadline 1/26)
- **20** Full Moon Hike  6:30 p.m.-8:00 p.m.
- **25** Conservation Crew Volunteer Workday  9:00 a.m.-12:00 p.m.

**APRIL 2019**

- **06** Species Spotlight on Insects at FPWC Headquarters  9:00 a.m.-12:00 p.m.
- **06** Girl Scouts – Juniors – Animal Habitats  10:00 a.m.-12:00 p.m.
- **13** Conservation Crew Volunteer Workday  9:00 a.m.-12:00 p.m.
- **22** Conservation Crew Volunteer Workday  9:00 a.m.-12:00 p.m.

**KEEP YOUR EYE OUT FOR THE WILDFLOWER WALK IN THE NEXT NEWSLETTER.**

**MAY 2019**

- **04** Cub Scouts – Field Botany  10:00 a.m.-2:00 p.m.
- **11** Conservation Crew Volunteer Workday  9:00 a.m.-12:00 p.m.

**JUNE-AUGUST • SUMMER CAMPS**
Severson Dells Nature Center is a cooperative effort with the Forest Preserves of Winnebago County and the Forest Preserves of Winnebago County in compliance with the Americans with Disabilities Act will assist in providing for those individuals with special needs. (Please notify us in advance of your needs that may require special staffing.)

Severson Dells Nature Center and the Forest Preserves of Winnebago County in compliance with the Americans with Disabilities Act will assist in providing for those individuals with special needs. (Please notify us in advance of your needs that may require special staffing.)

2018 SEVERSON DELLS NATURE CENTER

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Nancy Bleile - Administrative Assistant
Ellen Rathbone - Nature Educator
Jessie Crow Mermel - Marketing & Development Assistant