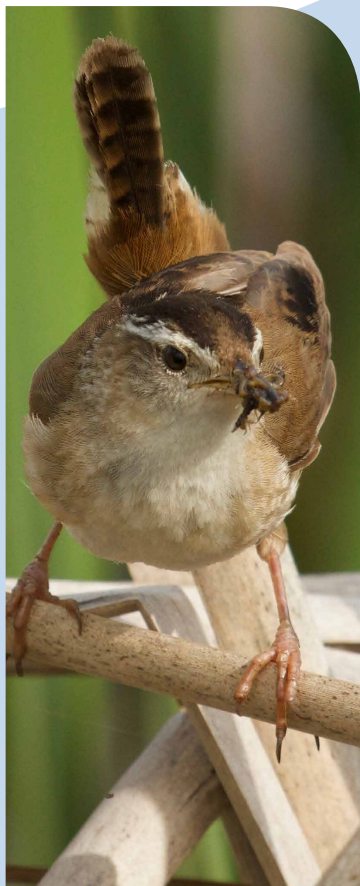


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Nature photography by Nancy Nabak unless otherwise noted.



FROM THE DIRECTOR

I hope that by the time you read this, the weather is warm and pleasant, and you are enjoying the best of late spring and early summer. Birds migrating often linger here along the Lakeshore, and it's fun to find migrants still on their way north here later than you would expect. For other species, they may be on their second nesting already, having endured a rather brutal spring.

There is so much new going on here this year. If you haven't yet walked at the new Coneflower Trail at the Henry Wetland Preserve on Woodland Drive, I think you will be impressed with the number and diversity of plants and birds there. The wetlands are a real complex of small depressions and shallow water with beautiful prairie and eventually wooded habitat in between. Stantec Consulting really did an outstanding job designing and installing the wetlands and plants. Birds moved right in. From the initial donation of land to all of the habitat work that took place, this has been an exceptionally successful project and a joy to be part of.

This summer, we will restore nearly a half mile of Forget-Me-Not Creek across the road from the Henry project. The creek flows year-round, and the project will convert a ditch into a biologically functional stream with much improved habitat for birds, fish, insects - the works. This, and the adjoining WPS wetland and the Plover Pond project of 40 years ago, complement each other and represent many years of planning - one part

building off the other. You may be able to watch our progress from the observation platform on Woodland Drive in the late summer or the Plover Pond platform off the Ice Age Trail.

“We would not be able to function on the scale we do without the help of hundreds of wonderful people who donate their time and energy. We are so grateful for each of you.”

Volunteers have done an outstanding job improving trails this spring. The new bridge on the Ice Age Trail has handrails now, and the north stretch of Trillium Trail has had several improvements so hikers can avoid the muddy mess and upheaved boardwalks of the past few years. As we've said many times, we would not be able to function on the scale we do without the help of hundreds of wonderful people

who donate their time and energy. We are so grateful for each of you.

With the help of students from Sheboygan, we planted more wild rice around our pond from plants they raised in the classroom. At this writing, we are still eagerly awaiting germination of the rice we seeded last fall. We hope to see a lot of plants right along the Cattail Trail boardwalk - at the pond and at the kayak launch.

Please check our schedule of events for a wonderful variety of offerings this summer. Our education staff and volunteers are working hard to present a lot of opportunities to learn about and enjoy nature here.

As always, May the Forest Be With You.

~ Jim Knickelbine, Executive Director

Important Bird Area, the Name Says It All

by Nancy Nabak, Communications Coordinator



We have birds. We have great habitat. And because of the right interdependence of the two, we have been designated as an Important Bird Area (IBA) for nearly 20 years through the Wisconsin Bird Conservation Partnership.

Never heard of an IBA? An IBA is a site that provides essential habitat to one or more species of breeding or non-breeding birds. Sites are usually distinguishable in character, habitat, or ornithological importance from other surrounding areas. They should also have the potential to be managed in some way for both birds and nature in general.

To qualify as an IBA, a site must support:

- ▶ species of conservation concern (e.g., endangered or threatened species)
- ▶ species that are vulnerable because they are not widely distributed
- ▶ species that are vulnerable because their populations are concentrated in one general habitat type
- ▶ species that are vulnerable because they congregate together for breeding, feeding, or migration

As I said, we have birds. In fact, we have hundreds of unique species for you to observe here in our IBA. Soon you'll be seeing Facebook posts that highlight our IBA, as well as articles and bird surveys in future newsletters.

We're proud to play a major part in bird conservation and enjoyment along the lakeshore. We hope you'll enjoy learning about our birds as much as we do!

Photo: Male and female Blue-winged teal by Nancy Nabak.

VOLUNTEER SPOTLIGHT

Cindy Braun

How long have you volunteered at Woodland Dunes and what made you become involved?

I met your fabulous "Communication Director Extraordinaire: Nancy Nabak" back in 2016 when Jason Ring hooked us up. We've been working together ever since. I grew up on Hawthorne Avenue, just a hop, skip, and a jump from Woodland Dunes, which was our playground where we were always exploring. I was thrilled to jump on board!

What do you most enjoy about being involved with Woodland Dunes?

Sharing the gem that it is with the community and giving today's children a reason to get off their phones, get outside, and explore this beautiful resource all year round. Thank you Bernie for starting this!



What are some of your favorite pastimes or hobbies?

Art! ...whether it's fine art or graphics. And anything to do with nature... hiking, biking, 4-wheeling, gardening, camping, bluegrass, and especially traveling the country visiting our totally awesome National Parks.

Words of wisdom for other volunteers?

As Winston Churchill said it best... "We make a living by what we do, we make a life by what we give."

And I get to learn while I'm doing it. You can too! Be a part of something amazing... become a volunteer at Woodland Dunes and take a walk on the wild side!

Tropical Blast Fundraiser

A Record-Breaking Success!

Thanks to our amazing sponsors, volunteers, and supporters, our Tropical Blast in February was a record-breaking success, raising over \$49,000!

From some of our guests:



"GREAT job by you and your team on the Tropical Blast last night. We really enjoyed ourselves... you guys were so creative!"

— D. Hilliker

"We had a good time, and thank you for all of your hard work in putting a successful evening together."

— S. Hamann

"So many details were so thoughtfully arranged, from the color-coordinated leis at the entry way to the pineapple-coring station at the back (so we could enjoy our tropical drinks from the pineapple shell); a truly memorable and lovely evening!"

— M. Schrader

Meet the Board of Directors:

Front Left to Right: Bob Gahl, Lyn Brouchoud, Lucy Zeldenrust

Middle: Bruce Robinson, Kelly Vorrone, Mark McLaughlin, Dolly McNulty, Ellen Lewellen, Rebecca Abler, Susan Knorr

Back: Tom Kocourek, Chuck Sontag, Ed Brey, Jon Henry, Troy Christiansen, Lee Kummer



Thank You!

Donations are recognized on a quarterly basis. If you don't see your donation on here, it missed the cutoff and will be in the next issue. Thank you.

Memoriams/Honoriams

In Memory of Jaclyn Alyea
Robert Alyea

In Memory of Joan Hanson
Ronald Ratajczak

In Memory of Dick & Sally Baugniet
Helen Bleser

In Memory of Florence Kirt
Joel & Patti Trick

In Memory of Sandy Denfeld
Wayne Denfeld

In Memory of Lone Kueter
Michael & Jenene Garey

In Memory of Richard Esposito
James Alyea

In Memory of Marcella Leonard
Darlene Wellner

In Memory of Charles Geiger
John & Julie Woodcock

In Honor of Jon Henry
Gerald & Patricia Henry

General Donations

Advocate Aurora
Lakefield Telephone Company
Lakeshore Chapter of
Ice Age Park & Trail
Thrivent Financial
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Tom & Virginia Bare
Charitable Foundation
Peter Cardinal,
Pivot Rock Fund
Wencel & Mabel Dufek
Charitable Foundation
Great Lakes Commission
Geoffrey & Carla Liban
Winston Group

Endowment

Dolly McNulty

Trail and Special Projects Donations

Helen Bleser
Michael & Jenene Garey
Pete & Judie Stuntz

General Education Programs

Tom & Betsy Kocourek
Young Wisconsin Conservationists

Solar Energy Project

Focus on Energy

Inkind Donations

Arthur & Michelle Zuehlke



Habitat Management

Trails and Boardwalks

Our volunteers have done an amazing job of making our trails and boardwalks safe for all to use. You will notice the final touches of a safety railing on the Trillium/Ice Age Trail (IAT) boardwalk with materials provided by WPS, Cabela's Outdoor Fund, and the Van Lishout Family.

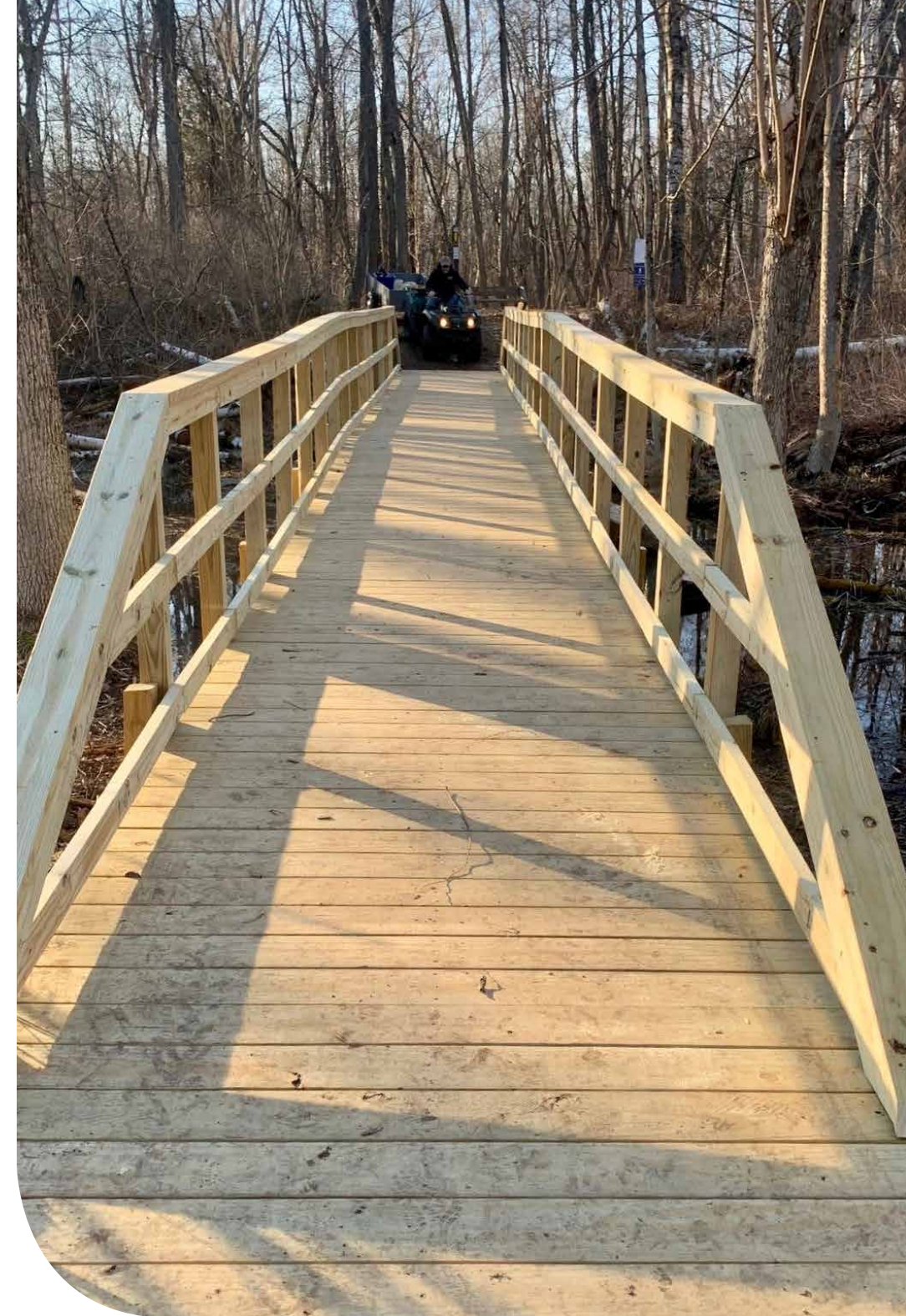
This boardwalk is quite a beautiful sight and a fine way to view one of our swales. Other parts of Trillium Trail's smaller boardwalks have been leveled, and sections of the old Trillium/IAT boardwalk were placed low to the ground in sections that tend to be wet and mucky all the time. These excellent improvements make for safe and enjoyable hiking. Additional kudos go out to volunteers who cleared wind blown trees and an extremely hazardous hanging branch and tree on the Yellow Birch Trail. Whew! Lastly, you can check our trail conditions on the Travel Wisconsin page @ www.travelwisconsin.com/hiking-report.

Invasive Plant Species Control

No invasive plant control is happening for us during the spring and early summer season. Plants' nutrients and water/sap is moving up the stems as they begin to grow. When the nutrient flow is more upward to leaf growth, the herbicide treatment is ineffective. We will resume invasive control later in the summertime.

Interns and Projects for the Summer of 2023

Six Habitat Restoration Interns will be starting on May 24 and working through August 11. A future newsletter will highlight these individuals. They will be planting 2,500



trees and shrubs in the final year of one of our USFS grants. They will also conduct follow-up invasive control near the IAT and Trillium Trails. Lastly, they will assist with numerous bee, bat, and water surveys and general grounds upkeep around the nature center.

Upcoming Grants

USFS awarded us another grant for calendar year 2024/2025. This grant will support more intern assistance, tree planting, and the establishment of a one-acre deer enclosure. We are looking at several other grant opportunities for more habitat restoration, specifically sedge wetland near the Cattail Trail.

Thank you to all the volunteers and donors who provide support that allows us to manage the precious resources of Woodland Dunes.

— Sue Crowley, Land Manager

Bird Banding at the Dunes

By Jim Knickelbine

Woodland Dunes was founded to protect habitat for birds; the numbers and variety were discovered through bird banding. In the first few years, tens of thousands of birds were banded. It was the central activity here, even before most of the land was officially acquired. At one point, Bernie Brouchoud, our founder, lived in a bird banding shack in the forest and banded birds every opportunity he had.

It's a little different now, as we have much more to do to maintain the organization and provide for our various programs. However, I'm grateful Bernie trained me as a bird bander. We still try to contribute to the knowledge about birds by doing as much as we can.

Saw-whet owls, which we band in the fall, are always of special interest. This year we caught four that were previously banded in other locations- Duluth, MN, Whitefish Point, MI, and Stevens Point, WI. Two of the birds we banded last year were then caught at Duluth and Whitefish Point. One of the recovered owls was at least four years old.

Perhaps the highlight last year was a re-capture of a chickadee banded here in 2017 by Bernie himself.

Banded species in order of greatest number to least:

Northern saw-whet owl	Magnolia warbler	Ruby-crowned kinglet	Hairy woodpecker	Blackpoll warbler	Unidentified Empidonax flycatcher
Gray catbird	Yellow-rumped warbler	Nashville warbler	Song sparrow	Philadelphia vireo	(several species are very similar in appearance, like Alder and Willow, and are more reliably distinguished by their songs)
Swainson's thrush	Palm warbler	Yellow Warbler	Downy woodpecker	Pine warbler	
Dark-eyed junco	Black-capped chickadee	Lincoln's sparrow			



Save The Date

KERRY | Red Arrow
PRESENTS

heiknbrew

5-8 pm

Friday, September 8

Woodland Dunes Nature Center & Preserve

What is a heiknbrew (hike-n-brew)? It's just like it sounds!

An early evening on the trails at Woodland Dunes.

- Nine Craft Brew Stations
- Wine Samplings
- Food
- Live Music by Glo & Joe
- Bucket Raffles
- Fun Nature Trivia

This event is for people 21 years of age and older, only. Tickets go on sale the last week of July at Woodland Dunes, Tapped on the Lakeshore, and online. \$40 per person. All funds raised support nature-based education programs and conservation efforts on our 1,500-acre Preserve.

woodlanddunes.org/heiknbrew



Sometimes Nature is Just Funny

By Nancy Nabak

I found this little note while doing some "cleaning" of my inbox recently. It's dated May 4, 2022.

In April, a local woman was trying to identify a mysterious bird call — one that she was hearing clearly in her neighborhood each day. She just couldn't figure it out, even though she's been a birder most of her life. She recorded it on her phone and brought it to the Dunes to see if anyone could identify it. Guesses ranged from the Baltimore oriole (too early), Northern cardinal, and others. We even called in expert and Board Member, Chuck Sontag, who was just as baffled as the rest of us.

Our inquisitive birder said she was determined to track down this bird and let us know what she discovered.

A month went by and on May 4 she called to let me know she had found it. It was a swing set.



What You Said:



Ojibwe Four Season/ Maple Sugaring program:

"This was such a fascinating program! I'm so grateful that Greg feels it's important to educate us about his people and their connections to nature... I could listen to him talk for hours."



Grade School Maple Syrup Program:

"Bob, our leader, was very patient and did an excellent job leading and interacting with our 3rd graders. It was another really fantastic Woodland Dunes experience!"



Early Spring Hike:

"Your programs hit it out of the park every time. They are fantastic. Keep doing what you are doing."

Stories from The Herbarium: Charles S. Judd, Sr.

(July 11, 1881 - June 29, 1939)

By Kennedy Zittel, Naturalist



Charles Sheldon Judd, Sr. a contributor to our herbarium, was from a prominent family of Hawaiian doctors, lawyers, and politicians; however, Judd's passion for the outdoors began when he was a young child wandering through O'ahu's forests. That passion brought him to Yale to study forestry. Upon graduation, he worked for the US Forest Service in the Pacific Northwest before being relocated to Hawaii.

Judd began expanding O'ahu's forest reserve. The forest's watershed was being threatened by nearby cattle, so Judd and his crew built boundary fences to keep the cattle out and planted trees in areas that were previously grazed. By 1930, most cattle were out of O'ahu's reserves.

Before 1930, O'ahu's trail system was described as "rudimentary" with only a handful of trails. Some were used by sugar companies to access the island's irrigation ditches and some were remnants of footpaths used by ancient Hawaiians. The island also faced an increasing number of feral pigs, which are highly

destructive to sensitive forests. To solve the pig problem, according to Judd, they needed to get hunters into the woods; thus, they needed more trails.

Judd and his crew began clearing trails and building cabins. Meanwhile, Major Gen. Briant H. Wells became interested in exploring different routes over the Ko'olau and Wai'anae ranges to improve the Army's defense plan. Coincidentally, the two met in January of 1931 to discuss tree removal and plantings at Schofield Barracks. Judd mentioned his pig eradication plan to Wells, and their conversation shifted to trails. The two agreed to work together. Wells would provide soldiers to clear trails while Judd would guide them along nearby mountain ranges.

February 1931, Judd led nine officers on a hike above Punalu'u. They mentioned forming a hiking club including both members of the Army and Division of Forestry. The main objective was to clear trails but also to show an example of camaraderie between military and civilians. Soon the Piko Hiking Club was formed.

The club's hikes attracted large crowds, including women and children. When they finally allowed women to join, Judd's wife Louise and daughter

Emma were the first to join. The hikes were fun as the group enjoyed the island's flora and fauna, yet they provided critical trail clearing and tree planting efforts as well. During hikes Judd would occasionally collect botanical specimens. Sunday, October 30, 1933, General Wells and his wife planted two Norfolk Island (Cook) Pine trees at Piko Trail's trailhead (located on Wai'anae Crest). The Piko Hiking Club ended up disbanding in 1937, but those two pines can still be seen at the trailhead today.

Judd passed away in 1939. His obituary read, "Modest and not inclined to demonstration, he had a rare zeal for his work. He loved to see the greening of reforested areas, the reclamation of desert spots into areas of beauty." The Judd Memorial Trail was created to honor Judd's pioneer work in creating trails that people of O'ahu still use today.

Photo submitted



UPCOMING EVENTS

Registration is required for most programs. Please note deadlines and program location. To register, email Jess at jessicaj@woodlanddunes.org or call 793-4007

Guided Plant Walk

Wednesday, June 7th
10:00am

Stroll along the trail with Jim Knickelbine and Brian Thompson to observe and learn about the plants found there and their traditional uses. Trail to be determined closer to the date of the walk. Program is weather dependent, registration required by Monday, June 5th. Space is limited. Sponsored by The Winston Group.

Raising a Wild Child

Thursday, June 8th: Bird Nests
Thursday, July 13th: Snails
Thursday, August 10th: Life Under a Log
Session 1: 9:00-10:15am
Session 2: 10:30-11:45am
Members: \$2/child
Non-members: \$3/child

Experience the wonders of nature with your 2-5 year old through nature hikes, play, and guided activities. Help your child notice the natural world and ignite their curiosity!

Children must be accompanied by an adult. Older siblings welcome during the summer. Dress for the weather, entire program takes place outdoors. Registration required, space is limited in each session. Sponsored by Geoffrey and Carla Liban.



Summer Star Parties

Saturday, June 10th
Saturday, July 15th
Friday, August 11th
9:30-10:30pm

View night sky with astronomers Al and Ben through the big telescope in the Sky Shed. Observe constellations, the moon, and other celestial objects such as the M13 Hercules cluster, the Alberio colorful double star, and more! Bring your own telescope if you need help figuring out how to set it up. Weather and sky conditions permitting. Program takes place outside the Nature Center. Registration required by the Thursday before each session. Sponsored by The Winston Group.

Birding Paddle

Wednesday, June 14th
9:00am

Join Woodland Dunes' staff and the Friends of the Twin Rivers and paddle part of the West Twin River, counting birds on behalf of the Great Wisconsin Birdathon. Bring your own binoculars and non-motorized watercraft and meet at the County boat launch on Highway VV near Shoto at 9:00am. The paddle will start and end at this launch. Please register by Monday, June 12th.

Winged Wonders

Thursday, June 15th
6:00-7:00pm

Have you ever met an owl face to face? What about a hawk? A vulture? Meet some of Wisconsin's common, but rarely encountered birds with. Join local wildlife rehabilitators, Wildlife of Wisconsin, to discover what a raptor is and what brought them to be an ambassador of their species. Program takes place under the pavilion behind the Nature Center. In the event of inclement weather, program will be indoors. Registration required by Tuesday, June 13th. Sponsored by ATC.



Mud Pool Party

Wednesday, June 28th
Session 1: 3:00-3:45pm
Session 2: 4:00-4:45pm
Session 3: 5:00-5:45pm
Members: \$2/child
Non-Members: \$3/child

Celebrate International Mud Day by reserving a mud pool for your family or group! Create a mud pie, feel the mud squish between your toes, and run through the sprinkler when you are ready to clean off! Be prepared to get muddy. An extra change of clothes and plastic bags for muddy/wet clothing are highly recommended. Registration required by Monday, June 26th, space is limited. Program is weather dependent. Sponsored by the Edward Jones Office of Carla Liban.

Have You Seen Your Sun Lately?

Wednesdays in July & August
11:00am-1:00pm (sunny days only)

New this summer- visit Astronomer Al to learn about our daytime star and view the sunspots with a safe, solar filtered telescope! No registration necessary, stop by the Sky Shed during listed hours. Sky must be clear.

Nature Time Tuesdays

July 11th: Pond Life
July 18th: Birds
July 25th: Water
August 1st: Insects
August 8th: Seeds
Session 1: 1:30-2:15pm
Session 2: 2:45-3:30pm

Families are invited to participate in nature-themed activities that everyone will enjoy. Program takes place at the Nature Center under the pavilion, rain or shine. Two sessions available each Tuesday afternoon with new themes each week. Registration required by the Friday before each session, space is limited. Sponsored by the Edward Jones Office of Carla Liban.

Mid-Summer Paddle

Saturday, July 15, 9:00-11:00 am
Meet at Veteran's Park Boat Launch, Two Rivers.



Pond Dipping for Adults

Wednesday, July 26th
10:00-11:30am

Pond dipping is not just for the kids! Get hands on in the ponds near the Nature Center and use dip nets to collect and identify invertebrates (and maybe a few vertebrates too). We will be spending time around the edge of the pond, so wear rain boots/water shoes if you have them. Registration required by Monday, July 24th, space is limited. Sponsored by The Winston Group.

Pollinator Themed Storytime on the Road w/Manitowoc Public Library

Friday, Aug 11th
10:30am

Manitowoc Public Library will be taking their storytime on the road to Woodland Dunes for an inclusive storytime for families with preschoolers! It's a great opportunity to meet new friends, socialize, and strengthen early literacy. Registration is not required. Be prepared to enjoy this outdoor Storytime "picnic style" by bringing a blanket or camp chairs to set up in the lawn (some picnic tables available). In case of inclement weather, program will be held inside the Nature Center.



Three Billion Birds Lost, and What to Do About It

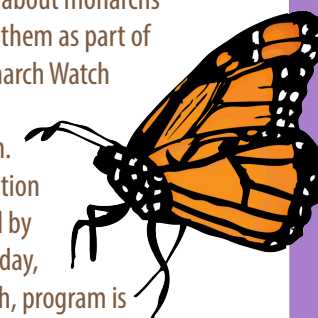
Tuesday, August 29th
10:00am

A recent study revealed that we have lost one in four individual birds since 1970, amounting to nearly 3 billion birds. However, not all species declined and some habitats experience more declines than others. Dr. Jackie Augustine, Audubon of Kansas Executive Director, will explain how this was estimated, describe trends in the data with respect to species and habitats, and share ways you can prevent further losses in your own neighborhood. Registration appreciated by Monday, August 28th.

Monarch Tagging

Friday, September 1st
2:00pm

Woodland Dunes has 300 acres of native grassland and pollinator habitat which provides food and cover for many insects, including the monarch butterfly. Join staff to learn about monarchs and tag them as part of the Monarch Watch Tagging Program. Registration required by Wednesday, Aug 30th, program is weather dependent. Sponsored by the Winston Group.

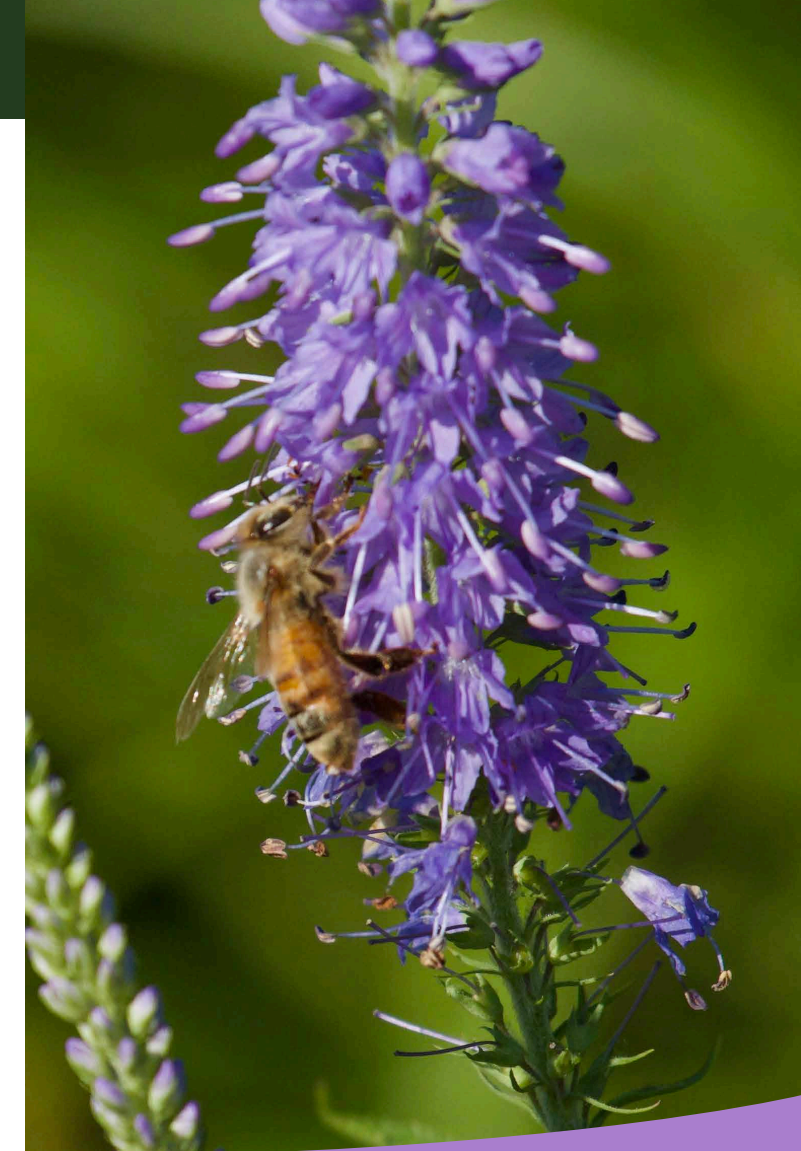


The Butterfly & Bee Garden

The Garden is A-Buzz!

A big thank you to our group of garden volunteers who have prepared our pollinator plants for another season of blooming in the Dorothy Star Butterfly & Bee Garden! We've introduced a few new native plants this year along with the many hearty and beautiful plants that have grown within our space for many years. Come take a look and get ideas for your own space at home. We welcome you to enjoy time in the garden where all pollinators are welcome!

— Wendy Lutzke, Butterfly & Bee Garden Coordinator



To register for any of our programs, please contact Jess at jessicaj@woodlanddunes.org or call at 920-793-4007.



WOODLAND DUNES

NATURE CENTER & PRESERVE

PO Box 486 | Two Rivers, WI 54241-0486

WOODLAND DUNES NATURE CENTER

Become a member or give a gift membership!

Headquarters & Nature Shop

Hwy 310 West of Two Rivers

Hours

Monday - Friday: 9 am - 4 pm
Saturday: 9 am - 12 pm (April - October)

Contact

Phone: (920) 793-4007
Email: nature@woodlanddunes.org
Website: www.woodlanddunes.org
Facebook: Look up Woodland Dunes in Two Rivers, WI and like our page!

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<i>Executive Director</i>	Jim Knickelbine
<i>Assistant Director/ Education Coordinator</i>	Jess Johnsrud
<i>Communications & Development Coordinator</i>	Nancy Nabak
<i>Land Management Coordinator</i>	Sue Crowley
<i>Naturalist</i>	Kennedy Zittel
<i>Administrative Assistant</i>	Jenifer Thompson
<i>Environmental Educator/ Butterfly Garden Coordinator</i>	Wendy Lutzke

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| <input type="checkbox"/> \$25 | Individual |
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| <input type="checkbox"/> \$100 | Contributor |

- | | | |
|----------------------------------|-------------|--|
| <input type="checkbox"/> \$250 | Conservator | <input type="checkbox"/> I would like to |
| <input type="checkbox"/> \$500 | Benefactor | contribute to the |
| <input type="checkbox"/> \$1,000 | Steward | endowment fund. |
| <input type="checkbox"/> \$5,000 | Guardian | Please contact me. |

Please send this form and your tax-deductable membership to Woodland Dunes!