



Volunteers and Donors Make it Possible

By Bryn Scriver, Preserve Volunteer and Outreach Coordinator

As is tradition, we dedicate the Spring issue of the Lakeshore Nature Preserve Newsletter to the folks who make it possible—our volunteers and donors!

In 2021 we welcomed back **281** volunteers who donated **1,944** hours to the Preserve. They scoured 90 acres for invasive garlic mustard, cut 5 acres of invasive brush, monitored 12 miles of trails, planted hundreds of native plant plugs, sowed native seed across nearly an acre of woodland, and assisted with administrative projects like mailings.

Donors also continue to make our work possible. In 2021 donors gave **279** gifts totaling **\$552,966**.

Gifts fund student and seasonal employees, equipment, vehicles, seeds, plants, and contracted work for prescribed burns and some hazard tree removal. They even make the volunteer program possible by paying for the tools and gloves the volunteers use and the granola bars and juice they enjoy as their reward. Ecological restoration and land management projects would simply not happen without the generosity of our donors.

The Friends of the Lakeshore Nature Preserve contributed to the success of the Preserve by organizing self-guided and in-person field trips engaging more than 200 attendees. They also continue to provide financial support to the Preserve for the Prairie Partners internship program (\$7,500), the Eagle Heights Woods project (\$6,000), a matching gift for the Day of the Badger (\$4,000) as well as contributing \$30,000 towards the Preserve Master Plan update.

We are thankful for all the ways individuals and groups come together to care for this special campus landscape.

If you would like to support the Preserve financially, gifts can be made through the [University of Wisconsin Foundation](#) website (enter “Lakeshore Nature Preserve” into the search box) or you can join an upcoming volunteer event listed on the [Preserve Events Calendar](#).

Note: If you volunteered or made a gift in 2021 and your name was left out of this issue, please accept our apology and let us know by contacting bryn.scriver@wisc.edu.



Bryn Scriver

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Continued on page 2...



Members of the Indonesian Student Association cut and piled buckthorn and honeysuckle brush to open views along the main Picnic Point trail in November 2021.

Preserve Master Plan Update

By Rhonda James, Landscape Architect, Advanced

The Lakeshore Nature Preserve Master Plan Update continues with the development of draft recommendations. There have been many stakeholder and staff discussions regarding what facilities and land management targets will best support teaching, research, and outreach now and into the future.

The draft recommendations focus on habitat type targets for long term ecological health, trail changes for improved safety and reduced fragmentation of habitat, removal/relocation/repair of existing facilities, and suggestions for additional facilities.

The [Preserve Master Plan Update webpage](#) has additional information.

You are invited to the...

Lakeshore Nature Preserve MASTER PLAN

PUBLIC SESSION #2:

April 26, 2022,
7pm, in-person

Memorial Union
(800 Langdon St., Madison)

Consultants will present and collect comments on draft recommendations developed in response to public engagement session #1, site analysis, staff and committee input.



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Continued from page 1...

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From the Director...

By Gary Brown, PLA, FASLA



As spring approaches, I am reminded again of our ever circular lives. The joy of birth and rebirth, the green blades rising, the flowers of spring blossoming into summer and the vivid colors of autumn fading into our winter whites. The cold winds and snow slapping our faces and then a reprise... again and again. Year after year. Decade after decade.

I lost a dear, close friend yesterday and it still hurts badly. Like those freezing and frosty mornings, my eyes tear-up. I get blurry-eyed. Life must continue for us in the living world. Our natural world teaches us how to move forward, how to move on when

it seems like moving on won't ever, ever happen after such great loss. The sun peaks out. The soil warms and the spring ephemerals make their return. Life reappears from what was once thought dead.

Today, I ask you to stop and take in this marvelous living world around us. Get out into the Preserve as we are all here for such a very short time. We watch the seasons come and go but we know down deep that life will spring forth eternal again. New lives will be created to take the place of those lost. The teaching, research, and outreach we advance in the Preserve will continue to remain strong, helping generation after generation learn of this endless circle of life. Let us all step forward into the sunlight, in our own way this spring to honor lives well lived. To life!



Insect Pests Impact Preserve

By Laura Wyatt, Preserve Assistant Director

Insects are an integral part of the ecosystem Preserve managers consider when making land care decisions. Serving as high-protein food sources for birds, facilitating pollination, and providing other critical services, we are always looking at ways to support insect populations. Our goal is to encourage positive habitats and conditions to cultivate robust populations, challenging the trend of world-wide decreasing insect populations.

Unfortunately, there are times when a few “bad actor” insects come along. The [Emerald ash borer](#) (EAB), first discovered in Wisconsin in 2008, has infested native ash (genus *Fraxinus*) within the Preserve. Decline and death of trees has accelerated within the last two years. While control of EAB within urban/landscape trees is possible, control within a forested area is nearly impossible. Dead and declining trees posing risk along trails and areas where visitors congregate are being reviewed. Strategically, trees will be removed while others “totemed” or reduced in height to reduce danger. Impacted trees posing little risk to visitors will remain standing to serve as important habitat for wildlife.

The Preserve is also facing an infestation of [spongy moth](#) (*Lymantria dispar*), formerly known as gypsy moth. The change in name was recently made by scientists because the word ‘gypsy’ is an ethnic slur and the former common name equated people with insects. For more information on this issue, visit the [Entomological Society of America website](#).

Spongy moth egg masses resemble buff-colored suede patches several inches in size and are visible on trees in the Preserve. Infestations within forested areas are a challenge. Area homeowners should acquaint themselves with signs of the insect and management options for urban and landscape trees. Preserve staff will be monitoring the

infestation and considering placement of a barrier band around the trunk of the large specimen oak north of the Raymer’s Cove parking lot.



Left: Woodpeckers peel layers of bark off ash trees when foraging for EAB larvae (see light colored patches). Right: EAB larvae eat the living tissue of ash trees leaving s-shaped tunnels under the bark.



Left: Spongy moth is named for its buff-colored suede-like egg masses. Right: Many egg masses are located high in trees like this black cherry near Frautschi Point.

All photos taken in the Preserve.

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Continued from page 2...

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Continued Bat House Monitoring at Picnic Point

By Heather Kaarakka, Conservation Biologist - Bureau Natural Heritage Conservation, Wisconsin Dept. of Natural Resources

In the wake of the deadly bat disease, [white-nose syndrome](#) (WNS), long-term monitoring of little brown bat summer roost sites has been an important tool for assessing the impacts of WNS on cave bats in the region. Prior to the arrival of WNS to Wisconsin in 2014, during the height of WNS invasion and in the years following arrival, the Wisconsin Bat Program (WBP) has been able to watch summer bat colonies at over 100 roosts across the state and qualitatively describe dramatic drops in colony numbers from WNS-related mortality, followed by stabilization at lower colony numbers, and now possible (albeit slow) recovery at some roost sites.

Lucky for us, one of these monitored roosts is in Madison's backyard at Picnic Point in the Lakeshore Nature Preserve. Volunteers began watching the Picnic Point little brown bats in 2011, and prior to WNS impacts, usually between 100 and 350 bats were counted depending on the time of year. The colony crashed because of WNS in 2017-2019 when counts hovered around 20-50 bats. Since then, we've seen stable numbers and in 2021 possibly even an increase!

Counts from volunteers, combined with thermal

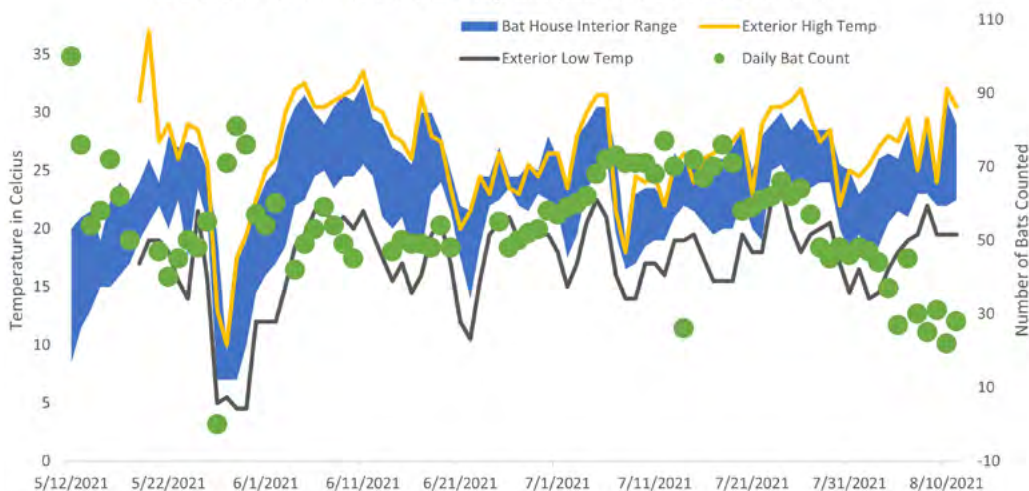
camera recordings starting in 2020, have allowed WBP to assess behavior and the number of bats daily in the Picnic Point bat house and how we know colony numbers are changing. In addition to daily counts from the camera we have also been investigating temperatures in the bat house to assess whether bat houses can potentially get too hot for bats and cause stress and even mortality.

From the plot below you can see that early in the season, the number of bats each night can change dramatically possibly due to cold nights and bats stopping on their way from winter to summer habitat.

Numbers stabilize in June and there's a modest bump in July when juvenile bats begin to fly. Inside the bat house itself, it was frequently cooler than the exterior high but stayed warmer at night which may be important for bats especially when flightless pups are left in the roost. The bat house never reached temperatures which might have caused heat stress.

If you'd like to help survey bats at the Picnic Point bat house or at other Madison roosts, feel free to find more information on our [Wisconsin Bat Program website](#), or you can join the [UW Bat Brigade](#) if you're a student!

Picnic Point 2021 Bat House Daily Temperatures and Bat Counts



Temperatures and bat counts from the Picnic Point bat house in summer 2021. The daily range of temperatures inside the bat house in blue, exterior daily high temperature (orange line), daily low exterior temperature (grey line) and number of bats counted (green circles).

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Continued from page 3...

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Land Management Updates

By Adam Gundlach, Preserve Field Projects Coordinator

Winter Burial Mounds Site Care

The land is special, there is no doubt. For the routine Preserve visitor, there is likely that certain spot, that view that calls to you. For the true millennial inhabitants, [Native Americans](#) who have lived here thousands of years, the land has been more than just a scene to be visited and viewed. The land was the source of life, a daily reunion of all family members, human and otherwise, that provided sustenance and health.

The land now within the bounds of the Lakeshore Nature Preserve was one sacred place amid a sacred space that stretched to the horizon. Regrettably, the sacred has largely been paved, plowed, or greatly constrained by profane “progress.” We are fortunate to be responsible for the care of a few remnants of this sacred cultural landscape, most easily represented by a series of burial mounds sites.

At the time these burial sites were created, the landscape was likely much more open in character, with far fewer trees. One of the main tasks in caring for these sites in their present context is to routinely assess trees in the environs of the mounds and remove any dead, diseased, damaged, or otherwise undesirable trees to prevent adverse impacts to the mounds and to reconnect the landscape context of the mounds groups.

The UW Grounds tree care crew supports this management priority by completing the bulk of arborist work for mounds groups in the Preserve. Barring urgent needs arising from storm damage, most arbor care in the burial mounds sites is completed with solid frozen ground during winter to avoid ground compaction and physical disturbance to mounds and surrounding landscape features.

Despite nagging equipment issues, the UW Grounds crew safely removed numerous trees, many of them being ash trees, from the periphery of both the Willow Drive and the Picnic Point mounds groups this past winter. The removals not only addressed potential hazards, but also helped open the view of the mounds features. Future

work will continue to open views from the mounds to the lake, a connection that was likely an important consideration in the original placement of the mounds, connecting the spirits of the lower world (water, earth) with those of the upper world (sky).

To learn more about burial mounds management in the Preserve read the [UW-Madison Indian Burial Sites Management Policy](#).



Top: A UW Grounds crew member removes *Populus alba* from Willows Beach in March 2021. Above: The UW Grounds tree care crew breaks for a photo-op.



A sign announces the prescribed burn of a brush pile further ahead on a trail in Frautschi Point Woods.

Dormant Season Cleaning

While spring is often the time associated with cleaning, winter offers opportunities of its own. The stark nakedness of the woods makes it easy to distinguish individual trees and brush obscured during the growing season by a veil of foliage.

Over the winter months, Preserve staff continued to push the margins of on-going brush removal in Bill's Woods, Picnic Point, and the southern edge of Second Point Woods. Staff also continued the endless follow-up control of young woody sprouts in project areas of Willow Creek Woods, Picnic Point, and the stormwater swales along University Bay Drive and Lot 60. Routine control of nuisance sprouts is critical to prevent them from growing into a thicket in rapid fashion. The more acres we clear of invasive brush thickets, the more acres we must routinely cover for resprout control. Over time, the annual effort for a given area decreases, but walking away is not an option if an open sun-loving community is desired.

With adequate snow cover, the remnants of prior brush removal efforts by staff, interns, and volunteers can be burned safely. With the wind carrying smoke across the lake, 33 brush piles from the base of Picnic Point out to the shore of Frautschi Point were burned this winter. Afterwards ash and coals were dispersed and burn scars seeded with native species to establish new desirable growth quickly.

Land Management Updates continued

Innate Germs

To gather germs is one of the more enjoyable and beneficial tasks a land steward can undertake. The greater the diversity of germs acquired over a season the more vibrant the future landscape palette. To be a super-spreader of these germs is a truly noble deed.

germ: noun – an initial stage from which something may develop, esp. the embryo of a plant seed.

innate: adjective – inborn, present naturally.

Starting in mid-summer and continuing through late autumn, seed of native wildflowers and grasses was collected by staff, interns, and volunteers from a variety of sites across the Preserve. When the chaff settled, varying quantities from 60 species had been collected to be redistributed (sown) across 9 acres of project sites over the winter. Additional seed was purchased from native plant nurseries to supplement what was not readily available for collection on Preserve lands and to tailor seed mixes to conditions specific to each site. Sowing seed during the dormant season, allows

mother nature to massage the seeds with freeze-thaw cycles, which often helps break seed dormancy and works the seed into the soil.

In their own time, these innate germs germinate and grow into the next root for rhizobium bacteria to colonize, the next stalk for an egg to be laid upon, the next blossom to be buzz-pollinated, or the next towering tree to quietly light upon and fold one's wings.



Left to right: First year students in a Restoration Education and Stewardship class collect beebalm seed in Willow Creek Woods; Dried seed heads sit in bags ready for processing to separate the seed from other plant parts; student Natural Areas Assistant Ben prepares seed for sowing.

Can you Dig it? Actually...Probably Not

By Jeff Kirchman, UWPD University Natural Areas Liaison Police Officer

Several weeks ago I was on a night patrol of the Frautschi Point area when I saw a mysterious glow near the shore. I investigated and found a group of ice fishers with a raging bonfire on the ice just offshore. They were cordial (even offered me a beer, which I sadly had to decline), and didn't seem to be out to cause any harm. I asked where they found the wood for their fire, and they admitted to collecting it from the nearby shoreline. So, despite their good nature, I had them douse their fire, pack up their libations, and depart the area with a warning for a violation of state law.

Wisconsin law contains specific statutes that protect the Lakeshore Nature Preserve and areas like it. Chapter UWS 18 of the Wisconsin State Statutes includes rules for university lands, and UWS 18.06(1) states:

No person may remove any shrubs, vegetation, wood, timber, rocks, stone, earth, signs, fences, or other materials from university lands, unless authorized by the chief administrative officer.

Wildlife is protected as well. UWS 18.06(2) stipulates:

No person may remove, destroy, or molest any bird, animal or fish life within the boundaries of university lands except as authorized by the chief administrative officer or except when this provision conflicts with a special order of the department of natural resources.

Violation of either of these statutes could result in fines of several hundred dollars.

The Preserve is blessed with great natural beauty. It's best to leave that

beauty where you find it, to help protect the land, support the educational and research mission of the area, and stay on the right side of the law.

You can contact Officer Kirchman at jkirchman@wisc.edu, 608-264-2677



Looking Back at the 2021 Lakeshore Nature Preserve Birding Season

By David S. Liebl, Emeritus, College of Engineering

The Lakeshore Nature Preserve hosted 197 species of birds during 2021, providing a rich experience for recreational birders, students, and researchers*. With its wide variety of habitats: woodland, old field, prairie, wetland, and lake, the Preserve is an important stop-over for migrating song birds and waterfowl, as well as habitat for year-round and summer breeding species.

The large number of bird observations made in the Preserve over the year, combined with citizen-science reporting via Cornell University's eBird, provides a detailed and comprehensive view of bird activity. For example, these observations show the arrival and departure dates of several of the New World Warblers (*Parulidae*) that migrate through the Preserve in spring and fall, stopping long enough to feed. Also shown is the Yellow Warbler (*Setophaga petechia*), a summer resident that has been observed breeding in the Preserve.



Cornell University - eBird



Yellow Warbler carrying food.

The shores of Lake Mendota, and especially University Bay are also important stop-overs for migrating waterfowl. While the ever-popular Tundra and Trumpeter Swans arrive in late fall to feed for weeks and are seen by hundreds of birders and the public, less well known are species like the Northern Shoveler (*Spatula clypeata*) with flocks of five hundred or more stopping on the Bay for a day or two in early December as they migrate south. Also rare are species like the American Avocet (*Recurvirostra americana*) seen feeding at the mouth of Willow Creek.



Northern Shoveler



American Avocet

Throughout the Lakeshore Nature Preserve, even a casual observer is likely to see unusual bird activity such as this from 2021: a Turkey Vulture (*Cathartes aura*) sunning in a treetop along the main entrance to Picnic Point; an immature Barred Owl (*Strix varia*) recently emerged from it's nest in Bill's Woods; Tree Swallows (*Tachycineta bicolor*) competing for nest space near the Biocore Prairie.



Turkey Vulture



Immature Barred Owl



Tree Swallows

*For example:
Biocore Bird Banding Observatory
<https://lakeshorepreserve.wisc.edu/2021/07/28/biocore-prairie-bird-banding-observatory-is-back-in-action/>

Bird Surveys of Bill's Woods and University Bay
<https://uwmadison.box.com/s/xcu6s5qx-q86zaxhj07ss40bagdu5iy14>

All photos by David Liebl

Spring/summer field trips

2022

APRIL 10

UW Science Expeditions in the Lakeshore Nature Preserve (Sun, 1–2:30 p.m.) At three stations explore the dramatic rock wall, identify trees without leaves, and view the early birds on University Bay. Binoculars and spotting scope available. Meet at the Picnic Point entrance kiosk, 2000 University Bay Drive. Coordinator: Doris Dubielzig (dbdubielzig@gmail.com).

APRIL 16

Beyond Backyard Birding (Sat, 7:30–9:30 a.m.) For backyard birders looking to grow their skills! Get help identifying those small, streaky brown birds and distant ducks. The walk will be on even trails at a leisurely pace, so bring the whole family! Binoculars available. Co-sponsored with Madison Audubon. Limited to 20 people. [Advanced registration required](#). Meet at UW Parking Lot 130, 2003 University Bay Drive. Leaders: Ashley Olah (ahannah@wisc.edu, 608-515-1304) and Jenn Schneiderman.

APRIL 24

Bird and Nature Adventure: Wildflower Walk in Bill's Woods (Sun, 1:30–3 p.m.) On this family-friendly hike, explore the first Friends restoration project, begun in 2001. We will look for and learn to identify spring wildflowers. Meet at the Picnic Point entrance kiosk, 2000 University Bay Drive. Leaders: Glenda Denniston (glendadenniston8@gmail.com, 608-231-1530) and Eve Emshwiller.

MAY 1

Spring Birding (Sun, 7:30–10:30 a.m.) Look for spring migrants as well as resident birds in this Important Bird Area. Learn how the Preserve serves as critical stopover habitat for migrating birds. Bring binoculars and a field guide if you have them. Co-sponsored with Madison Audubon. [Advanced registration required](#). Meet at the Picnic Point entrance kiosk, 2000 University Bay Drive. Leaders: Roma Lenahan (rlenahan@charter.net, 608-238-5406) and Becky Abel (babel@madisonaudubon.org).

MAY 11

Warblers of Frautschi Point (Wed, 7:30–9:30 a.m.) We will focus on seeing warblers through leafy foliage and look for other spring migrants. Bring binoculars and a field guide if you have them. Meet at the Frautschi Point parking lot, 2662 Lake Mendota Drive. Leader: Roma Lenahan (rlenahan@charter.net, 608-238-5406).

MAY 22

Bird and Nature Adventure: Martins and Bluebirds (Sun, 1:30–3 p.m.) The Friends installed a Purple Martin House and Bluebird Trail to entice these birds to nest in the Preserve. Field trip leaders will describe the appearance, habits, and nesting behaviors of both birds as well as efforts to protect them from their enemies. Hopefully you'll get a peek at baby birds, too. Meet at the Picnic Point entrance kiosk, 2000 University Bay Drive. Leaders: Jeff Koziol (jeffkoziol@gmail.com, 847-331-2430) and Richard Ness (richard.s.ness@wisc.edu).

JUNE 12

Invasive Plants of the Preserve (Sun, 9–11:00 a.m.) Join UW-Madison Invasive Species Specialist Anne Pearce to learn about invasive plants in the Preserve. Bring your invasive plant questions and learn how you can reduce the impact of invasive plants in your own yard and beyond. Meet at the Picnic Point entrance kiosk, 2000 University Bay Drive. Leader: Anne Pearce (anne.pearce@wisc.edu).

JUNE 15

Lake Mendota Boat Trip (Wed, 9–11:30 a.m.) Learn about Lake Mendota and the shoreline of the Preserve aboard LIMNOS2, the UW Center for Limnology's teaching, research, and outreach vessel. Group size is limited to 12; email John Magnuson (john.magnuson@wisc.edu) to reserve your place. Meet at Hasler Limnology Laboratory one block west of Memorial Union.

JUNE 26

Bird and Nature Adventure: Preserving the Preserve (Sun, 1:30–3 p.m.) Join UW Preserve staff as they showcase ongoing ecological restoration projects and give an update on the Preserve Master plan—all while enjoying the trails, sights, and sounds of the Preserve in summer. Meet at the Picnic Point entrance kiosk, 2000 University Bay Drive. Coordinator: Bryn Scriver (bryn.scriver@wisc.edu, 608-220-5560)

JULY 10

Bees and Other Native Pollinators (Sun, 9–11:00 a.m.) Join us in searching for bumble bees and other pollinators while learning about their diversity, lifestyles, and habitat needs. Meet at the Picnic Point entrance kiosk, 2000 University Bay Drive. Leader: Susan Carpenter (susan.carpenter@wisc.edu, 608-886-7504).

JULY 16

Food for Thought: Wild Edible Plants (Sat, 9–11:00 a.m.) Eve Emshwiller and Kelly Kearns will bring examples of and recipes for plant species that can be eaten as well as show you poisonous plants in the Preserve that should never be consumed. Meet at the Picnic Point entrance kiosk, 2000 University Bay Drive. Leaders: Eve Emshwiller (eaemsh2@gmail.com) and Kelly Kearns (kearns@uwalumni.com).

JULY 24

Bird and Nature Adventure: Class of 1918 Marsh (Sun, 1:30–3 p.m.) Take a hike around the Marsh to learn its history and biology including threats to the marsh from invasive cattail species and chloride. Meet at the Picnic Point entrance kiosk, 2000 University Bay Drive. Leader: John Magnuson (john.magnuson@wisc.edu).

AUGUST 21

Insect Superpowers in Japanese Culture and Ecological Systems (Sun, 1:30–3:30 p.m.) Explore how insects are revered in Japanese culture as we also learn about their superpowers in ecological systems, including our food and waste systems! Meet at the Picnic Point entrance kiosk, 2000 University Bay Drive. Leader: Marjorie Rhine (rhinem@uww.edu).

AUGUST 28

Bird and Nature Adventure: UW Student Organic Farm: Introducing a new student-focused cooperative (Sun, 1:30–3:00 p.m.) The UW Organic Collaborative, FH King, GreenHouse Community, WunkSheek, and UW Housing Dining and Culinary Services have joined to manage collaboratively a 1-acre teaching, learning, and production farm in the Preserve. Meet at the Picnic Point entrance kiosk, 2000 University Bay Drive. Leaders: Tom Bryan and friends (tbryan@wisc.edu, 608-738-5733).

Visitors to the Point

The tip of the Picnic Point peninsula is a popular walking and running destination. Can you guess how many visitors traveled along the primary path to the tip in 2021?

- A. 89,592
- B. 105,478
- C. 138,831

Go to the last page for the answer.

In 2020 the Preserve purchased a visitor counting device (with gift funds) allowing us to understand how many people enjoy the Preserve.

Special thanks to the UW-Madison Transportation personnel Dar Ward and Chuck Strawser for their support and Ben Kotte, Preserve Natural Areas Assistant, for tabulating the monthly reports.

Experience the Preserve Through Volunteering!

- Get outdoors
- Meet new people
- Learn about the natural world
- Training/tools/gloves provided
- Dress for the weather—long pants/ closed-toe shoes required
- Canceled in case of rain or severe weather
- Groups and minors need pre-approval

Visit the [Preserve Events Calendar](#) for drop-in volunteer event dates and times or contact bryn.scriver@wisc.edu.

Bryn Scriver

2021 VOLUNTEERS

Luis Abreu-Socorro	Doris Dubielzig	Arnie Johnson	Michael Moran	Brooke Sill
Eric Akpan	Aaron Dudor	Isabella Jones	Elleana Moua	Matthew Silverman
Thales Andrade Pereira	Jenna Dundas	Chetan Kamalraj	Hannah Mullins	Susan Slapnick
Natalia Arroyo	Ryan Echert	Nathan Kang	Karen Nakasone	Rachel Spahnn
Elvis Arsiniega	Kate England	Katie Kapp	Anne Neveu	Kevin Spinelli
Mia Bakke	Evan Engles	Gourab Karmakar	Adam Nguyen	Mason Spitz
Shaun Barry	Ben Enriquez	Kelly Kearns	Megan Nielsen	Vedrana Stanarevic
Max Bauman	Abby Erickson	Jack Keiler	Connor Nikolay	Stef Bugasch Scopoline
Whitney Beaston	Omar Espino	Baila Khan	Alice Ogden-Nussbaum	Lauren Steininger
Josh Behling	Liu Fangshuo	Yeoeun Kim	Chancelor Olson	Isabella Steinweg
Michael Block	Bradley Fern	Jack Krause	Robin Parts	Jackson Stonge
Brady Boebel	Misha Finney	Anna Kreyinin	Fauzan Pasaribu	Nicholas Susilo
Brooke Bojar	Peter Fisher	Samantha Krieger	Anne Pearce	Michaela Taddeini
Carol Borcharding	Chase Folker	Quincy Kroner	Olivia Pearl	Vedaant Tambi
Kurt Borcharding	Jessica Fox	Zoey Kue	Mrugank Pednekar	Lauren Tamburino
Cooper Bradfish	Cyndy Galloway	John Kujawski	John Pfender	Deon Tawas
William Budiman	Zhao Yang Gan	Alex Lee	Anthony Polentini	Glenn Teschendorf
Anne Buffington	Dipika Garg	Katie Lehman	Brenden Polkinghorn	Kurtis Thelen
Ann Burgess	Yael Gen	Joshua Lei	Vitchuda Poonyakanok	Bria Theodore
Lane Burke	Nick Glaser	Roma Lenehan	Raka Pratidina	Kylie Thomasen
Grace Campbell	Mrigank Gupta	Katie Lescohier	Brian Putra	Nora Trapp
Connie Cannizzaro	Andrew Hall	Ashley Lesser	Geer Qi	Marielena Trujillo
Kayla Carlin	Nayef Hamdan	Chengnan Li	Katelyn Raab	Dennis Tulus
Ginny Carlton	Jack Hansen	Peizhe Li	Pranith Reddy Vemula	Tess Turnure
Alison Cashmer	Lauren Hartig	Boris Liang	Alex Reisman	Drew VanderMissen
Zhi Nee Chee	Amy Hartman	Jennifer Lietz	Austin Rendon	Shivaram Venkataraman
Michelle Chi	Reganne Hartman	Jake Liggett	Marjorie Rhine	Surya Vir
Matthew Chotlos	Galen Hasler	Yuan Han Lim	Blake Robson	Will Vuyk
Lindsey Christianson	Grace Hasler	Yihan Liu	Alec Rockwood	Sofia Weinstein
Cornelia Chu	Clare Heckert	Maxwell Loughan	Bobbi Rooney	R. Scott Westler
Betty Chu	Steven Hoffman	Yiren Lu	Kobe Rose	CJ Westover
Catherine Cleveland	Signe Holtz	Lucas Maertz	Harry Rosmann	Elizabeth White
Alex Coffini	Carter Horman	Jack Marker	Andrew S.	Susan Will-Wolf
Emily Cohan	Terrie Howe	Nicolas Ayoroa Martinez	Moiz Sadiq Awan	Colleen Williams
Zoe Coleman	Charles Huai	Olympia Mathiapararam	Ben Schatt	Junle Wu
Hunter Coplien	Kane Hutson	Kyle Mayberry	Joseph Schick	Yuyang Xie
Gavin Day	Lishanna Ilves	John McAllister	Breanna Schneider	Julia Zellmer
Noah Delano	Ben Jaccard	Seth McGee	Shirley Scriver	William Zeng
Glenda Denniston	Camille Jackson	Kathryn McKinney	Ethan Seng	Eric Zhang
Dev Desai	Ginny Jackson	Madison Mehlberg	Monica Sentoff	Jaele Zheng
Daniel Deuel	Tarakee Jackson	Dan Meister	Stephen Sentoff	Daniel Zhu
Vanessa Dingman	Julia Janovetz	Allison Meyer	Gabriela Setyawan	Kayla Zimdars
Calvin Dong	Luke Janssen	Joe Michels	Amber Sheth	Will Zordani
Mason Douglas	Vince Jenkins	Nicole Miller	Melissa Sheth	
Eric Dubberstein	Ashley Jensen	Dan Mleccko	Sara Shoostari	

NEW HOURS, FIRE CIRCLES OPEN

- The Preserve is open from 4am to 10pm daily.
- Fire circles are open and available for use.
- Fire circle reservations can be made through [Campus Event Services/Memorial Union](#).
- Campus Event Services will respond to your fire circle reservation request within 3 business days.
- Visit the [Reserve a Fire Circle page](#) for more information.



Friends of the Lakeshore Nature Preserve

21ST ANNUAL MEETING WEDNESDAY APRIL 6—7:00PM UW Arboretum Visitor Center

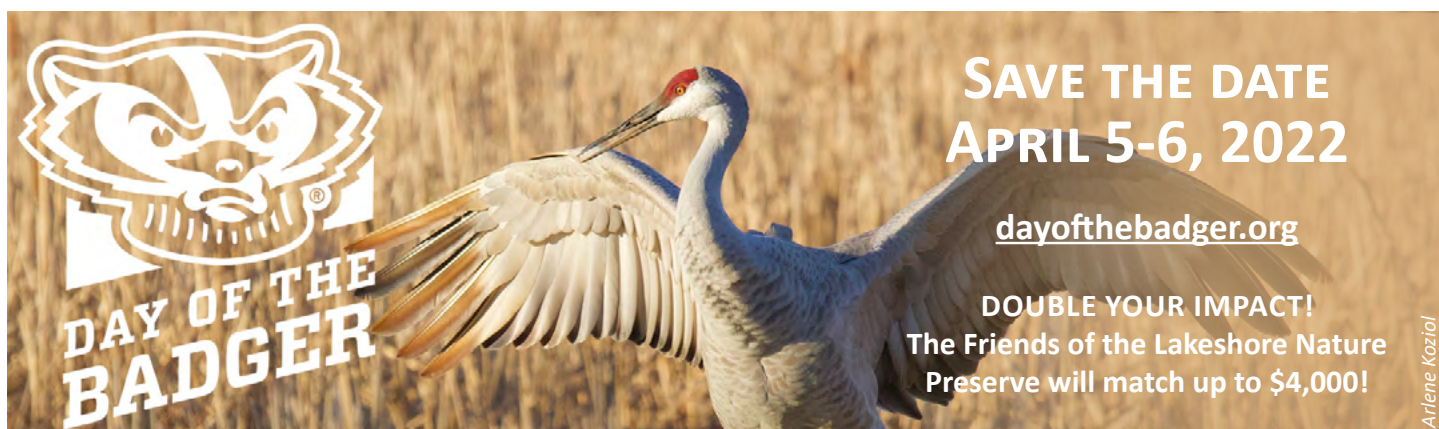


Guest Speaker
JANICE RICE
Lecturer, UW-Madison
Information School

PRESENTS
Voices and Values of Teejop (Four Lakes):
A Hoocąk (Ho-Chunk, Winnebago) Perspective

The Annual Meeting will also be streamed on Zoom.
<http://tiny.cc/annual-meeting-2022>

Open to the public, bring a friend!



SAVE THE DATE
APRIL 5-6, 2022

dayofthebadger.org

DOUBLE YOUR IMPACT!
The Friends of the Lakeshore Nature Preserve will match up to \$4,000!

Arlene Kozlowski

Lakeshore Nature Preserve Staff

Gary Brown, Director

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Laura Wyatt, Assistant Director

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Adam Gundlach, Field Projects Coordinator

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Bryn Scriver, Volunteer and Outreach Coordinator

bryn.scriver@wisc.edu

Zoe Horns, Natural Areas Technician

Ben Kotte, Natural Areas Assistant

*For announcements, photos, and information on the Lakeshore Nature Preserve, please find us on Facebook and follow us on Twitter and **NOW INSTAGRAM!***



facebook.com/uwpreserve

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instagram.com/uwpreserve

