

Friends of the Lakeshore Nature Preserve

Annual Report 2013-2014

Gisela Kutzbach

President of the Friends Board

Our Mission

*Inspire people to connect to and care for the
Lakeshore Nature Preserve*



Outreach: connect people to the Preserve

Eagle Heights Community Events



EXPLORE SCIENCE @ UW-MADISON

Annual Campus Open House

UW Science Expeditions 2014 April 4-6

Free and Open to All!

Show your photos and experiences using #UWscienceexpeditions!

April 4 @ 7 p.m. – Town Center, Wisconsin Institutes for Discovery
SoundBites: Could you Repeat That? The Repetition of Science and Music
 SoundBites features scientific lectures about the world with live classical music performances.

April 5 Parking available in Lots 17, 20 and 26.
 @ 9 a.m.–4 p.m. **Science Expeditions Trailways** will circulate campus.
 @ 9 a.m.–5 p.m. **Open Houses** of more than 10 Departments around campus.
 @ 10 a.m.–2 p.m. **Exploration Stations** at Wisconsin Institutes for Discovery.

April 6 Parking available in Lots 20, 26, 19 and 42.
 @ 10 a.m.–2 p.m. **Exploration Stations** at Health Sciences Learning Center.
 @ 1 p.m.–4 p.m. **Presentations** at Design Gallery, School of Human Ecology.
 @ 2 p.m. **Guided Tour of Plum Point**

Visit uwmadison.edu/science for more details on events and sessions.

Events on Campus



Homecoming Cleanup

UW Lakeshore Nature Preserve

When we see land as a community to which we belong, we may begin to use it with love and respect."
 — Aldo Leopold

UW-Madison
 Nelson Institute for Environmental Studies
 Lakeshore Nature Preserve
 Wisc. DNR
 TerraCycle
 ITT

Party on the Path

Education: help people learn about and love the Preserve

- Field trips- Audio Trail



Education: help people learn about and love the Preserve

Field trips

Limnos boat trip

Birding

Pollinators ❖ Butterflies

Geology ❖ Effigy Mounds

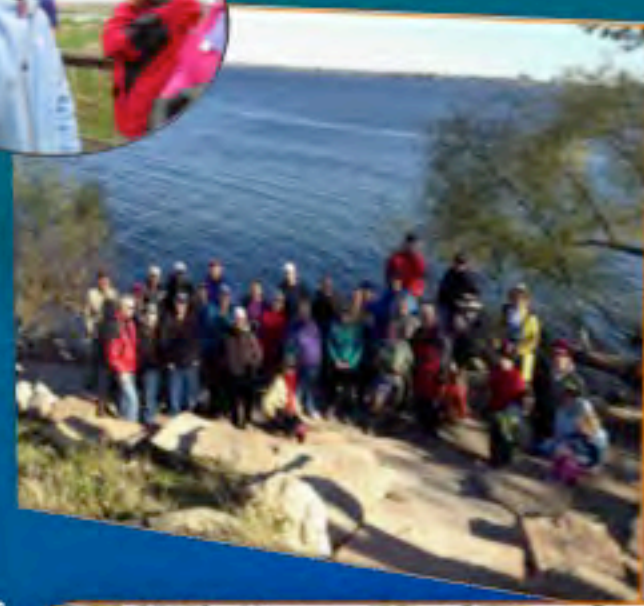
Fungi ❖ Spring flowers



Education: help people learn about and love the Preserve



4th Sunday
Bird & Nature
Walk



Promote the Preserve: communicate with members and the public



PRESERVE!

Revitalizing Our Mission

Friends evolving role prompts discussion, change

By [Name]

The Lakeshore Nature Preserve has a long history of being a place where people can enjoy nature and learn about it. Over the years, the role of the Preserve has evolved. In 1971, the Preserve was founded as a place for people to enjoy nature and learn about it. Over the years, the role of the Preserve has evolved. In 1971, the Preserve was founded as a place for people to enjoy nature and learn about it.

FCNA News

Friends of the Congress Natural Areas

Managing Urban Natural Areas

- A "Children's" article focuses on the use of children, hunters and gardeners who use the CNA.
- A "Stewardship" article focuses on the recently adopted forest forest management plan (forest, wetlands, and riparian) who enjoy the CNA.
- An "Activities" article focuses on the variety of nature enjoy walkers and the beautiful forest spring Ave.
- A "Threats" article focuses on an excellent attachment to a place (members of the FCNA).
- A "Threats" article focuses on the importance of the CNA.

History of Picnic Point

By Thomas D. Brock

Picnic Point has always been an attractive area for Madison residents, and even when it was in private ownership, it served as a modest recreation area for hunters and campers. In 1864, John B. [Name], who operated a large saloon...



The Preserve Breeding Bird Study, 2013-2015

Help us gather observations of breeding birds in the Preserve

By [Name]

The purpose of the Lakeshore Nature Preserve Breeding Bird and Habitat Study is to identify the birds that breed and their habitat preferences in the Preserve from 2013 to 2015. The results will be compared with data from 2000 to 2002 available from the Breeding Bird Survey...



Friends of the Lakeshore Nature Preserve Newsletter

Dedicated to the Preservation and Stewardship of our Woodlands, Wetlands, Prairies and



PRESERVE!

Friends of the Lakeshore Nature Preserve

Dedicated to the Preservation and Stewardship of our Woodlands, Wetlands, Prairies and

A Master Plan for the Lakeshore Nature Preserve

By [Name]

For the past several years, supporters of the Preserve have been working on the development of a Master Plan for the Lakeshore Nature Preserve. The plan will provide a long-term vision for the Preserve and guide its management.

Friends of the Lakeshore Nature Preserve Newsletter

Dedicated to the Preservation and Stewardship of our Woodlands, Wetlands, Prairies and

Planning Contracts for Work on Picnic Point

By [Name]

Picnic Point, one of the Preserve's most beautiful areas, is being prepared for future development. The Preserve is currently working on planning contracts for work on Picnic Point. The work will include site assessment, design, and construction.

From the Director

By [Name]

With all the wonderful activities happening at the Lakeshore Nature Preserve, I must be thankful for the many volunteers that devote their precious time to this amazing place. Together we have done incredible things and I look forward to our future endeavors. We recently completed two beautiful projects. The Chickadee was associated with feeding from the Class of 1909 Wood and cross benches around a new fire circle with an accessible grill. The circle has been located so that a separate spot for the fence table (Bapt bench) can overlook University Bay Green provides a transition from the surrounding woods while assisting in maintaining competition and erosion. Native grasses have also been



PRESERVE!

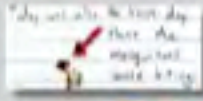
Mendota's Ice Cover

Understanding Change at the Lakeshore Preserve

By [Name]

The Lakeshore Nature Preserve is currently monitoring the ice cover in Mendota. The data shows that the ice cover is changing over time, which is a result of climate change. The Preserve is working to understand these changes and their impact on the local ecosystem.

"Today we made a lunch table out of hardwood made six sites planted a bunch of native mustard. It was wonderful."

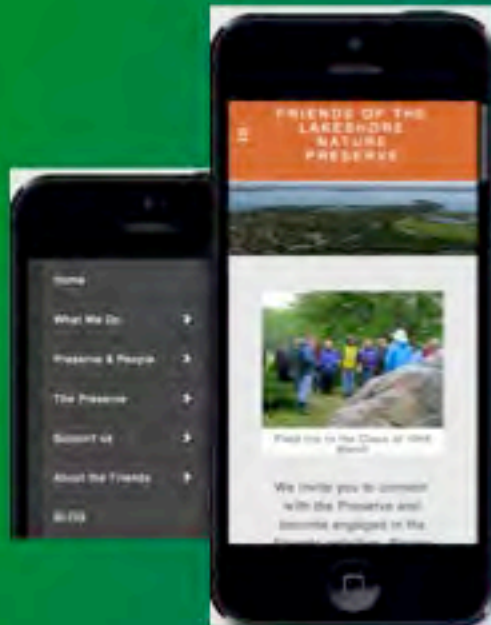


Handwritten notes and a drawing of a plant. The notes describe the work done on the lunch table and the planting of native mustard. The drawing shows a plant with orange flowers and green leaves.

Promote the Preserve: reaching people where they are with a new website



- For smart phones
- Blog
- Interactive communication



Friends of the Lakeshore Nature Preserve

HOME WHAT WE DO PRESERVE & PEOPLE THE PRESERVE SUPPORT US

Preserve & Events
Field on Preserve
Photos & Video Gallery

The Lakeshore Nature Preserve is a vital part of the University of Wisconsin-Madison and attracts bird enthusiasts to all who have spent time here. Natural areas such as Florio Point, the Lakeshore Path, and Mud Woods define the character of the Madison Campus and make it one of the most beautiful in the nation. The Preserve provides opportunities for study and for relaxation; it is home to native plants and provides habitat to myriad birds and other animals.

The Friends of the Lakeshore Nature Preserve greatly values this other refuge. Please help us take care of it. We invite you to explore the Preserve on this web site and in person. Please see our **Mission and Goals**.

Check it out

Class of 1958 Audio Field trip (listen to 15 soundtracks)
Video on the Preserve - past and present
sponsored by the Class of 1958

Interactive Map on the UW Lakeshore Nature Preserve website
Official UW-Madison Lakeshore Nature Preserve website. Find here information especially on research & courses that use the Preserve, more volunteer opportunities, required permits for activities in the Preserve, the Preserve Master Plan and other topics.
Find out about the **Students for the Preserve**

Spring Newsletter

Three special Friends work days.
Meet with old Friends and new to volunteer in the Preserve:

- April 26: Garlic Mustard Challenge in Bill's Woods
- May 18: Woodland Perennial Planting at Fruetschi Point
- June 7: Heritage Oak Project, year IV

People and Events

Check out the news and enjoy the photos. This page is frequently updated.

- **Field trips**
- **Volunteering**

Eagle Heights Seed Fair
March 29, 9-noon
Friends provide activities for children.

UW Science Expeditions April 8, 2pm
Friends guide family field trip to Florio Point

Annual Meeting April 8, 6:30 pm
Arboretum Auditorium. Hannah Gaines-Day speaks about "What's the Buzz with Bees".

Effigy Mound Field Trip April 19 10m
Learn about the ancient mounds on Observatory Hill. Leader Paul Borowski

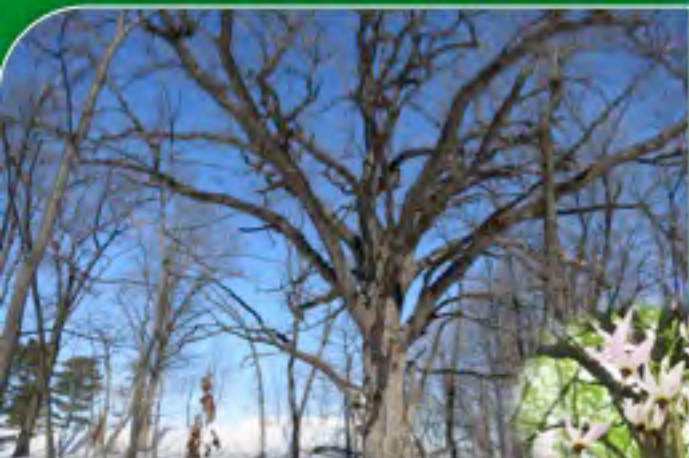
Eagle Heights Earth Day
April 23, 4-6:30 pm
Learn about the food chain in the forest and walk the Preserve from Raymer's Cove to Fruetschi Point.

Earth Day Week
Friends will exhibit for the Preserve at

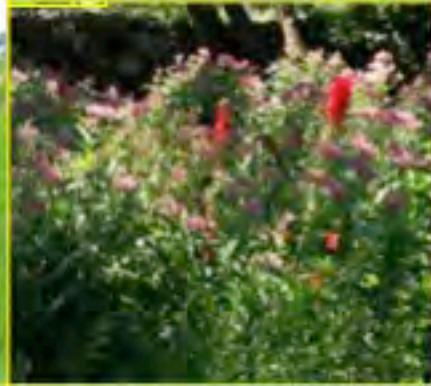
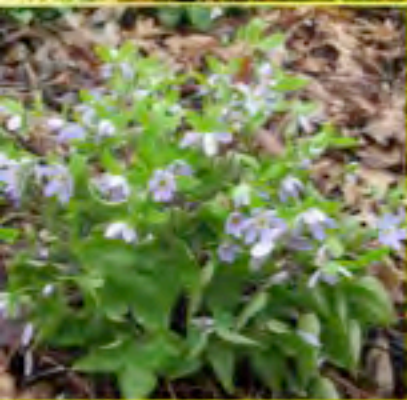
www.FriendsLakeshorePreserve.com
preserveFriends@gmail.com

Land Stewardship: Care for the Preserve

Fieldwork
Projects



Volunteering
Garlic Mustard
Heritage Oak
Bill's Woods, more



Lead through Research: Chloride Concentration Near the Marsh in winter 2012-2013, John Magnuson



Guideline for Drinking Water

20mg/L

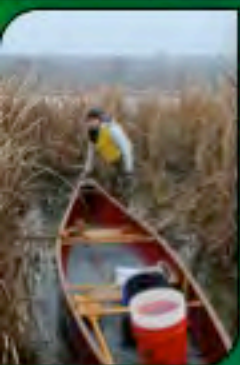
Can be tasted at
200-300 Mg/L

EPA limits for
Continuous Exposure
230 mg/L

Chronic Exposure
395 mg/L

4 days more than
once every 3 years

Acute Toxicity
757 mg/L



The Problem

- In the long-term the present levels of road salt use are not sustainable.
- We need a balance between human safety and environmental damage.

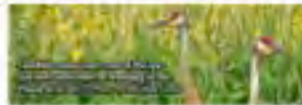
What should we, the Friends, do?

Recommendation for the university

- Include use of road salt in the city's ongoing study.
- Measure road salt and other contaminants in runoff.
- Develop a road salt reduction plan.
- Raise awareness about negative aspects of using road salt.

Lead through Research:

Preserve Breeding Bird Study, Roma Lenehan



The Preserve Breeding Bird Study, 2013-2015

Help us gather observations of breeding birds in the Preserve

By Roma Lenehan

Overview:

The purpose of the Lakeshore Nature Preserve Breeding Bird and Habitat Study is to identify the birds likely to breed and their habitat preferences in the Preserve from 2013 to 2015. The results will be compared with the baseline (2000 to 2002) results from the Breeding Bird and Habitat Study (Fall 2001-2002). News or friends-and-family-newsletters are available to see if there have been shifts in breeding birds over the last decade due to habitat change or bird population changes. The project will try to determine the bird species in the various areas of the Preserve, their approximate numbers, and trends in the breeding of each species, using the methods of the Breeding Bird Atlas. Roma Lenehan and Olivia Sanderfoot welcome volunteer participation.

Birds were surveyed throughout the Preserve in three breeding bird investigations carried throughout the Preserve.

Results in 2013:

The 2013 survey identified 34 species in the Preserve (10 Shore, 42 species were confirmed (C), 25 were probable (P), 11 were possible (Po), and 5 were unlikely to be nesting).

The 2013 survey noted several species not found during the previous study: Turkey Vulture (C), Black-billed Cuckoo (Po), Cliff Swallow (C), Indigo Bunting (Po), Nashville Warbler (Po), Chipping Sparrow (Po), and Eastern Towhee (Po). The following species that were either confirmed or probable previously were not observed during the 2013 breeding season: Field-sparrow, Male Duck, Bobwhite Quail, Cowbird, Least Flycatcher, Red-headed Woodpecker, Purple Martin, Yellow-throated Vireo, Chestnut-sided Warbler, Field Sparrow, Savannah Sparrow, and Pine Siskin.

How You Can Help

We need your observations! Our goal is to confirm as much as possible as many species as possible. So we need your observations between May 20 and August 31 please

record dates of occurrence, location, and if possible, breeding activity such as presence of pairs, gathering nest material, or carrying food of some river birds, including down and downed (listed above) and Green Heron, Virginia Rail, Willow-tailed Cuckoo, Barnard Owl, and Wood Thrush.

It is also very important to receive information on breeding activity for all birds, including the following birds that we failed to confirm this year, especially the rare species noted as above: plain blue-winged Teal, Song Sparrow, Spotted Sandpiper, Mourning Dove, Screech Owl, Chimney Swift, Ruby-throated Hummingbird, Red-tailed Hawk, Red-bellied and Downy Woodpeckers, Northern Flicker, Eastern Wood Pewee, Willow Flycatcher, Rough-winged and Bark Swallow, Blue Jay, Marsh Wren, Downy Woodpecker, Ovenbird, Redstart, Screech Owl, Indigo Bunting, and House Wren.

Please help us gather observations of all breeding birds during 2014 and 2015. We want to confirm all species each year.

Send all your observations to Roma Lenehan (lrenehan@earthlink.net or 248-5436)

Volunteer in the Preserve:

Join other Friends and volunteers if help is necessary with projects. Tools, training and refreshments provided! Open to work outdoors and people to meet new people and have fun. Youth and groups are welcome with advance notice. For more information please contact: Ryan Krizan, Preserve Outreach Specialist, bronzecr@panthers.uic.edu, 228-0340.

December

Mon. Dec. 7, 1:30pm. Meet at Police Post for US Nat. Dec. 24, 1:30pm. Meet at "Friends Post" for

January

No scheduled volunteer dates, Enjoy the Preserve

February

Sat. Feb. 4, 1:30pm. Meet at "Friends Post" for US Nat. Feb. 16, 1:30pm. Meet at Police Post for US Nat.

March

Sat. March 1, 9am-11am. Meet at "Friends Post" for US Nat. March 5, "Pine-Nose" Meet at Police Post for US Nat. "Deliver Turkey" See logo on the March 5 (Spring Forward) "Turkey Post" for all of Lake Mendota's

Note: Work parties are cancelled in case of poor weather. Cancellations, Rescheduling, Resignations later than 10 days prior to the date (10 August 21) or 10 days prior to the start of survey for work.

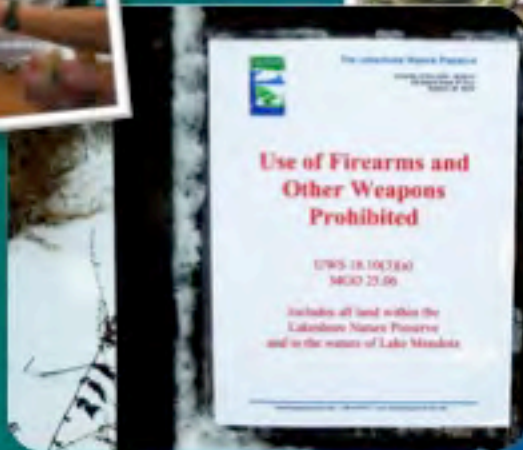
Preserve: Wilson 263-144

Willow Creek Community Project, Olivia Sanderfoot

The image shows a news article and a website. The news article is from the University of Wisconsin-Madison website, dated 11/11/13, titled "UW-MADISON STUDENT NAMED CONSERVATION SCHOLAR". It features a photo of Olivia Sanderfoot and text describing her selection as a conservation scholar for the 2014-2015 season. The website, "Willow Creek Community Project", has a navigation menu (Home, About, Volunteer, Contact, Conservation) and a "Contacts" section listing Olivia Sanderfoot as the coordinator, with contact information for her and other project members like Paul Williams, Emily Sanderfoot, and David Smith.

Advocacy for the Preserve

- Hunting
- Recreational Sports



Financial Support for the Preserve

2013

Income: \$17, 732

Expenses: \$17, 711



- Interns \$7,218
- Projects \$3,224
- Plantings \$2841
- Stewardship Fund \$1,500
- Communication \$2,822
- General \$106



Lakeshore Nature Preserve Network of Partners



Lakeshore Nature Preserve Network of Partners

University
Preserve
Committee

University
Facilities
Planning
& Management
Staff

Friends
of the
Lakeshore
Nature Preserve

Sissel
Schroeder

Cathie Bruner
Adam Gundlach
Bryn Scriver
Rhonda James
Gary Brown

Photo Credits

- Bill Barker
- Glenda Denniston
- Galen Hasler
- Gisela Kutzbach
- John Magnuson
- Bryn Sriver