Wisconsin's
GREAT LAKES!
2016 | 2017 CALENDAR
WISCONSIN DEPARTMENT OF NATURAL RESOURCES
OFFICE OF THE GREAT LAKES

Wisconsin's GREAT LAKES!

Environmental stewardship is the responsibility for environmental quality shared by all those whose actions affect the environment. Although there's often overlap, we can think of three types of environmental stewards: doers, donors and practitioners. Doers take action. These are the boots-on-the-ground folks involved in cleaning up beaches, removing invasive plants, monitoring water quality and other activities. Donors financially support projects by providing money or organizing fundraisers. Individuals, organizations and government agencies can serve as donors. Finally, practitioners work on a day-to-day basis steering government agencies, research institutions and stakeholder groups involved in stewardship activities. Together, these three groups of stewards work to protect and restore our natural world.

Wisconsin's environmental stewards do important work throughout our Great Lakes Basin. Here are a few examples of their projects:

- On the Menominee River, the River Alliance of WI and many partners are working to help lake sturgeon move around dams to find more suitable spawning habitat. Loss of habitat, pollution and overfishing have dramatically reduced the sturgeon population. With better access to spawning habitat, the Menominee River can once again produce high numbers of this ancient fish. Watch a video about this project at: **https://youtu.be/xp2bqIR3LHA**
- The Wisconsin DNR and partners are working to rebuild and restore the Cat Island Chain in Green Bay, which washed away in storms of the 1970s. Restoring the islands will provide important habitat for fish, migratory birds and other wildlife and will also provide a use for clean sediment that must be dredged to keep navigation channels open.
- In Howards Bay in Lake Superior, the Wisconsin DNR and partners are working to clean up contaminated sediment. Dredging and removal of contaminants will not only improve living conditions for fish and wildlife, but will also leave a deeper channel, much better suited for ships and other boat uses.

In this year's calendar, we celebrate Wisconsin's environmental stewards — the doers, donors and practitioners — who are working so hard to keep Wisconsin's Great Lakes great!

"Little Girl on the Watershed" *(cover photo)*, 2nd Place (tie) Great Lakes Stewardship
By **JAMEY PENNEY-RITTER**
A strong connection to a place creates good stewards. Many local stewards dedicate their time and effort to help care for Lake Michigan or Lake Superior because they feel a special connection to these precious resources. The Bayfield Regional Conservancy helps landowners preserve important conservation values on their land, protecting and improving rivers that are part of the Lake Superior watershed.

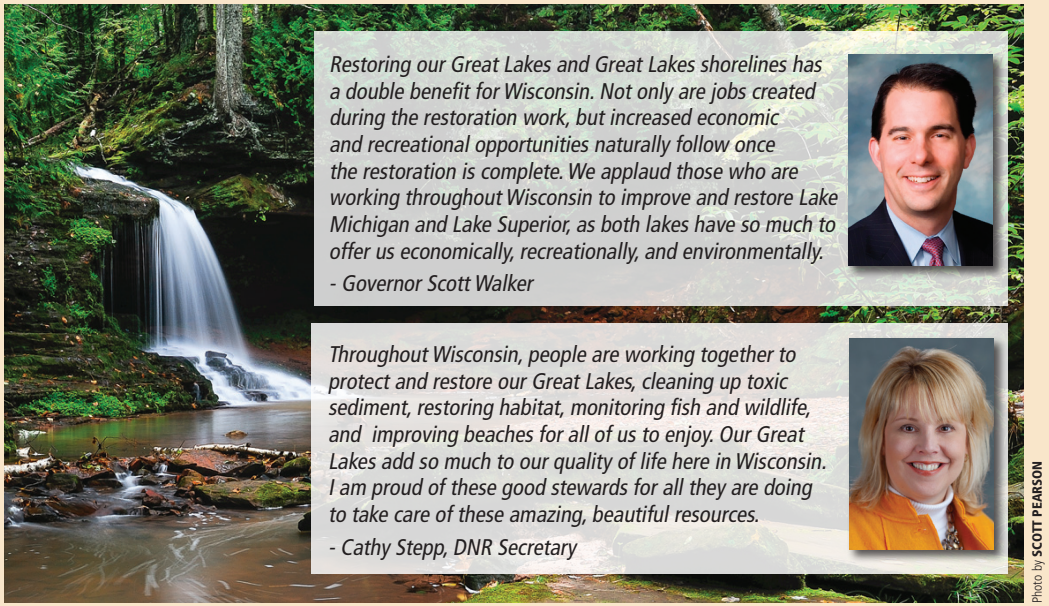
- Jamey Penney-Ritter, Bayfield Regional Conservancy

Photo by **RUTH HARKER**

Wisconsin DNR's Office of the Great Lakes is pleased to present our annual *Wisconsin's Great Lakes* calendar. We hope this calendar will be a daily reminder of how precious Wisconsin's Great Lakes are and how we can all help protect them. The calendar showcases images from our 2016 photo contest, descriptions of protection and restoration projects submitted by Great Lakes stewards statewide, and poems submitted by Wisconsin authors. As these photos and writings clearly show, the Great Lakes are among Wisconsin's most scenic and beloved natural resources.

Thank you to all 2016 photographers and authors for sharing your talent with us!

Visit the Office of the Great Lakes website to see more photos and writing submissions **dnr.wi.gov** (Search: *Photo and Writing Submissions*)



Restoring our Great Lakes and Great Lakes shorelines has a double benefit for Wisconsin. Not only are jobs created during the restoration work, but increased economic and recreational opportunities naturally follow once the restoration is complete. We applaud those who are working throughout Wisconsin to improve and restore Lake Michigan and Lake Superior, as both lakes have so much to offer us economically, recreationally, and environmentally.

- Governor Scott Walker

Throughout Wisconsin, people are working together to protect and restore our Great Lakes, cleaning up toxic sediment, restoring habitat, monitoring fish and wildlife, and improving beaches for all of us to enjoy. Our Great Lakes add so much to our quality of life here in Wisconsin. I am proud of these good stewards for all they are doing to take care of these amazing, beautiful resources.

- Cathy Stepp, DNR Secretary

Photo by SCOTT PEARSON

"Wisconsin's Great Lakes" 2017 Photo Contest

Send us your best photos of Lake Michigan or Lake Superior. We're looking for beautiful shorelines, kids and adults enjoying the lakes, cultural and historic aspects of the lakes, and people involved in Great Lakes stewardship activities. Winning photos will be used in the 2017-2018 *Wisconsin's Great Lakes* calendar and in other DNR publications, presentations, websites and displays. Photo submission deadline is February 1, 2017**. Photos of all seasons are needed!**

Entry Categories (limit three photo entries per individual):

1. **People enjoying Wisconsin's Great Lakes.** Images of people fishing, canoeing, sailing, playing on the beach, etc.
2. **Natural features and wildlife**. Great Lakes shorelines, wetlands and tributaries, fish and other wildlife.
3. **Historical and cultural features.** Lighthouses, harbor towns, festivals, etc.
4. **Great Lakes Stewardship.** Show us how you, your agency/organization or a local group is protecting, enhancing or restoring the shore, tributaries, wetlands or beaches of Lake Michigan or Lake Superior. Send us a photo of your work and a brief (up to 180 words) description of the partners involved, your funding source and what you hope to accomplish.

Rules and instructions:

1. The contest is open to anyone. Photos must be submitted electronically.
2. Attach each photo (jpeg format) to a separate email. In each email, please include the photo title, where in Wisconsin the photo was taken, the entry category, your name, email address, mailing address and phone number.
3. Photos must be high resolution (maximum file size 11MB), horizontal in orientation, and taken in Wisconsin. Photo editing is OK!
4. The Wisconsin DNR reserves the right to use an electronic or print copy of any image entered in the contest for non-commercial educational or promotional use with credit to the photographer. For example, photos may be used for DNR displays, slide shows, videos, publications and website.

Judging:

Photos will be judged by a panel of Wisconsin DNR staff. Criteria for judging will include creativity, visual and technical merit, and composition.

Awards and Prizes:

Winning photographs will be included in the 2017-2018 Wisconsin's Great Lakes calendar. Winning photographers will be contacted by mail, phone or email and will receive the calendar by mail.

E-mail Photos and Entry Information to:

DNRGreatLakesPhotoContest@wisconsin.gov.

"Wisconsin's Great Lakes" Writing Project

Is your talent writing? Send us your original Great Lakes quote, essay, poem, song or rap. Help get the word out about how great Wisconsin's Great Lakes are. Share your favorite writings with us and you may find your words on our website, calendar, publications and displays! *(All authors will be credited.)* Deadline February 1, 2017.

Email writings to: **DNRGreatLakesWriting@wisconsin.gov**.

THE WISCONSIN DNR IS ON

www.facebook.com/WIDNR twitter.com/WDNR www.pinterest.com/WDNR/ flickr www.flickr.com/photos/widnr/ YouTube www.youtube.com/user/WIDNRTV

ABOVE: "Star Trails" by **JOE POLECHECK**
1st Place – Cultural and Historical Features
Near Superior, WI

Wisconsin Great Lakes: An Acrostic Poem*

By **PATRICIA WILLIAMS**

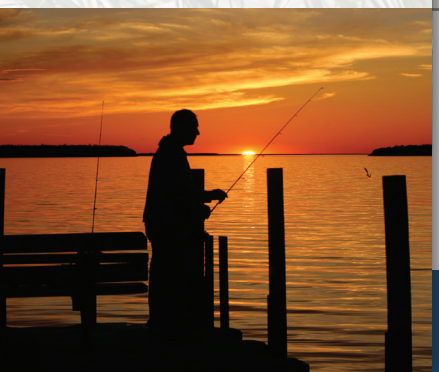
Wander under star-filled, velvet skies,
Indigo above great waters, that
Shimmer in a heaven and earth duet –
Celebrate the moon and tidal level, the
Occurrence of a watery whisper,
Northern lights with buoyant ripples,
Summer's moist breezes
Infused with dense green scent –
Nature's season of leafy emeralds.

Golden sunlight tumbles,
Rolling waves rush to beaches,
Ebb and flow, while
Autumn's kaleidoscopic colors
Turn bright in cooler weather.

Lake shores in majestic winter,
Aglitter with silver and diamonds,
Kissed by melancholy shades of pale,
Embrace a frozen glory –
Spring's sweetness, around the corner.

**an acrostic poem forms a phrase, read vertically, using the first letter of each line.*

Background Photo by **LISA LEHMANN**
Photo by **KAREN GERSONDE**



September 2016

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
AUGUST 2016 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	**OCTOBER 2016** S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31			1 Photo by **PAUL SCHULTZ** New Moon	2	3
4	5 Labor Day	6	7	8	9 First Quarter Moon	10
11 Patriot Day	12	13	14	15	16 Full Moon	17
18	19	20	21	22 Autumn Begins	23 Last Quarter Moon	24
25	26	27	28	29	30 Photo by **JESSICA RUBEN**	

WISCONSIN'S GREAT LAKES!
Wisconsin Department of Natural Resources | Office of the Great Lakes

ABOVE: "Perfect Reflection"
By **BRENDA R. JONES**
Big Bay Town Park
LaPointe, WI

Little Manitowoc River Seining

By **TITUS SEILHEIMER**
WI Sea Grant
UW Manitowoc

Wisconsin Sea Grant began sampling the wetland fish population in the Little Manitowoc River in fall 2014. The waterway and wetland are slated for restoration between Waldo Boulevard and Maritime Drive, so knowing what species are present is important in assessing changes after the restoration. Amy Fettes of the Lakeshore Natural Resource Partnership is pictured below pulling the end of the seine to collect and record fish species.

A meander (series of curves) will be added to the river to improve flow and underwater habitat and the wetland area will be improved by removing invasive species and re-planting with native species. Partners: Lakeshore Natural Resource Partnership, Lakeshore Water Institute at UW-Manitowoc, Lakeshore Invasive Species Management Area, Wisconsin Waterfowl Association, Ducks Unlimited, U.S. Fish and Wildlife Service, Stantec, WDNR, and Wisconsin Sea Grant. Funding by: Lakeshore Natural Resource Partnership from Sustain our Great Lakes, U.S. FWS Coastal Program Grant, Great Lakes Protection Fund, Fund for Lake Michigan, and Healing Our Waters.

Photo by **TITUS SEILHEIMER**

October 2016

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
SEPTEMBER 2016 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			NOVEMBER 2016 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 Photo by **CAROL TOEPKE**		1 Photo by **DAN FEARING** New Moon	
2 Rosh Hashanah Begins at Sundown	3	4	5	6	7	8
9 First Quarter Moon	10	11 Yom Kippur Begins at Sundown	12	13	14	15
16 Full Moon	17	18 Clean Water Act Signed in 1972	19	20	21	22 Last Quarter Moon
23	24	25	26	27	28	29
30 New Moon	31 Halloween					

ABOVE: "Clear for Takeoff"
By **MARC PONTO**
Milwaukee, WI

KK Bay Before and After

By **KRISTY DEVERA**
City of Superior

The sections of Billings Drive adjacent to both Kelly and Kilner Bays in Superior, WI consist of very steep slopes leading down to valleys where culverts connect tributary streams to each bay. After rains, road shoulders would wash out and deposit materials in the inner most wetland area of the bays, increasing road maintenance costs, degrading water quality and harming fish and wildlife habitat.

The City of Superior implemented three conservation practices to prevent further erosion and allow for better water flow. First, existing culverts were realigned and resized to improve water flow and provide a better connection for fish and wildlife. Next, concrete cloth was used to line the ditches along the steep embankments, allowing for good control of runoff within a very small area. Finally, flex-a-mat (a tied concrete block mat) was installed to protect the shoreline from erosion while allowing plants to grow between concrete blocks. The vegetation will provide wildlife habitat and improve water quality in the bay.

Photo by **KRISTY DEVERA**

November 2016

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1 Photo by **JAMIE GRUNEWALD**	2	3	4	5
6 Daylight Savings Time Ends	7 First Quarter Moon	8 Election Day	9	10 Edmund Fitzgerald Sinks in Lake Superior in 1975	11 Veteran's Day	12
13	14 Full Moon	15	16	17	18	19
20	21 Last Quarter Moon	22	23	24 Thanksgiving Day	25	26
27	28	29 New Moon	30	**OCTOBER 2016** S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		**DECEMBER 2016** S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Photo by **PATRICK BALL**

ABOVE: "Glazed Sunset"
By **JOE POLECHECK**
2nd Place (tie) Natural Features and Wildlife
Near Superior, WI

Like the Ice

By **BREANNA MEKULY**

Some say it's the wind that brings us
together
in pieces
battered and broken.

Here it is we gather –
wherever "here" is, I suppose.

I can't find fullness
but I can see the colors of the
evening sky mesh
blue to purple to pink to orangish;
without the clouds it's like they
are all one.
So completed. So absolute.

But it comes too early.
I was only away for a moment
and already the world has turned dark.
It's too early.

How can it come together, so perfectly,
for only just a moment?
Can we, too, do the same this eve?
Let the wind bring our broken selves
to this corner of this lake
Where at least we won't be
alone for a while.

Photo by **GERVASE THOMPSON**

December 2016

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOVEMBER 2016 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	**JANUARY 2017** S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	Photo by **MASON MORRIS**		1	2	3
4	5	6	7 Pearl Harbor Day First Quarter Moon	8 Great Lakes Compact Enacted in 2008	9	10
11	12 Great Lakes Restoration Strategy Released in 2005	13 Great Lakes Compact Signed by Governors in 2005	14 Full Moon	15	16	17
18	19	20	21 Winter Begins Last Quarter Moon	22	23	24 Hanukkah Begins at Sundown
25 Christmas Day	26 Kwanzaa Begins	27	28	29 New Moon	30	31 New Year's Eve

ABOVE: "Final Light"
By **PAUL SCHULTZ**
2nd Place (tie) – Natural Features and Wildlife
Apostle Islands

Along Superior's North Shore

By **DEANO SAMENS**

The Breeze and Sun,
Relentless Waves, and Shore…
Peaceful Mind,
No Need for More…
God's Gift, Another Day…
Picking Rocks,
Skipping Some Away…
Casting Out,
Just to Return…
The Sounds of Waves,
Crash and Churn…
Spend Some Time,
Along Superior's North Shore…
Stop, Sit Still,
Simplify If You Will…
Questions All
Will Still Remain…
But Here, Right Now,
Is Why I Came…

Photo by **ALISA LANDMNAN**

January 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 New Year's Day	2	3	4	5 First Quarter Moon	6	7
8	9	10	11	12 Full Moon	13	14
15	16 Soo Locks Close to Ships Martin Luther King Day	17	18	19 Last Quarter Moon	20	21
22	23	24	25	26	27 New Moon	28 Chinese New Year
29	30	31				

Remember to submit your best Great Lakes photos and writings! See information on the first pages of this calendar. The deadline is February 1, 2017.

DECEMBER 2016

S	M	T	W	T	F	S
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4	5	6	7	8	9	10
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25	26	27	28	29	30	31

FEBRUARY 2017

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19	20	21	22	23	24	25
26	27	28				

Photo by **EDWARD DEIRO**

ABOVE: "Algoma Morning Light"
By **KAREN ALESCH**
Algoma, WI

Polar Vortex Monsters
By **MARILYN ZELKE-WINDAU**

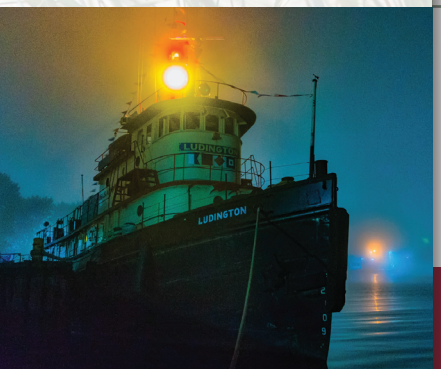
Fogsteam rises.
It hides the monsters
of this deep lake.
They wait
to come ashore,
to whip arms,
to dance a frenzied
polka cold, dotting
the waves with
snowsweat.

A solitary figure,
parka-bundled,
hand-gloved,
mouth-scarved,
head-hatted,
walks the beach,
the icehills.
He visits icicle hangings,
treads frozen plateaus
in heavy moonboots.
He doesn't know
the danger.

The monsters await
the sight of breath,
of steam —
their kindred essence.
They see only his eyes,
ovals encased
in icedropped lashes.

They hurry to shore,
as he hurries to car.
A fast runner wins life,
warmth, in a race
against the polar vortex.

Photo by **CHRISTOPHER RAND**



February 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 Photo by **JOE POLECHECK**	2 Ground Hog Day	3 First Quarter Moon	4
5	6	7	8	9	10 Full Moon	11
12	13	14 Valentine's Day	15	16	17	18 Last Quarter Moon
19	20 Presidents Day	21	22	23	24	25
26 New Moon	27	28				

JANUARY 2017

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22	23	24	25	26	27	28
29	30	31				

MARCH 2017

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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Photo by **BRIAN BLAKE**

ABOVE: "Breakwater Bodyguards"
By **MASON MORRIS**
1st Place Great Lakes Stewardship
Port Washington, WI

Breakwater Bodyguards

By **MASON MORRIS**
Ozaukee Media

Shoring up Port Washington's beleaguered breakwater, the U.S. Army Corp of Engineers added boulder bodyguards to protect the decaying federal structure from Lake Michigan's relentless waves of attack.

Built in 1935, these breakwaters between Milwaukee and Sheboygan form Ozaukee County's only harbor and marina, critical for protection and safe passage on this important navigation channel. Local tourism and recreation also depend heavily on this multipurpose structure.

When the 990-foot public walkway to the iconic Art Deco lighthouse was declared unsafe for use, local groups formed, and social media spread word, as support efforts were rallied. In 2014, the City's Mayor, Tom Mlada, traveled to Washington, D.C. to secure funding from U.S. ACE officials to begin the first phase of restoration.

Efforts continued in 2016 with a Harbor Assistance Program award, received as a result of the City's partnership with Discovery World and the Denis Sullivan's presence in the harbor. Focused on safety and sustainability, plans include a family-friendly ADA compliant walkway entrance, ensuring future access to this historic symbol of Ozaukee County.

Photo by **GLENN A. GIERZYCKI**

March 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
FEBRUARY 2017 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28			1 Photo by **PHILIP SCHWARZ**	2	3	4
5 First Quarter Moon	6	7	8	9	10	11
12 Daylight Savings Time Begins Full Moon	13	14	15	16	17 St. Patrick's Day	18
19	20 Spring Begins Last Quarter Moon	21	22	23	24	25 Soo Locks Open to Ships
26	27 New Moon	28	29	30	31	**APRIL 2017** S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

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Wisconsin Department of Natural Resources | Office of the Great Lakes

ABOVE: "1st Lighthouse"
By **JONATHAN CODY**
1st Place – People Enjoying Wisconsin's Great Lakes
Bailey's Harbor, WI

Menekaunee Harbor Restoration

By **CHERYL BOUGIE**
WDNR

Menekaunee Harbor in Marinette, WI was severely affected by excessive sediment contaminated with heavy metals and polycyclic aromatic hydrocarbons (PAH's) as well as loss of wetland habitat. This harbor is part of the Menominee River Area of Concern (AOC). The WDNR, City of Marinette, and U.S. EPA removed failing seawall and dredged contaminated and excess sediment to restore and improve this valuable local resource, utilizing federal Great Lakes Restoration Initiative funding.

The harbor is now cleaner, deeper and better able to accommodate recreational and commercial fishing boats. Walkers, bikers, wildlife watchers and anglers are also enjoying the improved harbor. The City of Marinette and WDNR share a vision for the harbor that includes enhanced economic and recreational opportunities, a cleaner environment and improved habitat for fish, amphibians, reptiles, waterfowl and other wildlife. Watch a video overview of this project at: **https://youtu.be/d3nLkri-SI8**

For more information on Wisconsin's Areas of Concern: **wi.dnr.gov** *(Search: AOC)*

Photo by **CHERYL BOUGIE**

April 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Photo by **REGGIE GAUGER** **MARCH 2017** S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		Photo by **JANNA SOERENS** **MAY 2017** S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		Photo by **DAN FEARING** 1	
2	3 First Quarter Moon	4	5	6	7	8
9	10 Passover Begins at Sundown	11 Full Moon	12	13	14	15
16 Easter	17	18	19 Last Quarter Moon	20	21	22 Earth Day
23	24	25	26 New Moon	27	28 Arbor Day	29
30						

ABOVE: "Silent Night"
By **HOLLY SMITH**
2nd Place – People Enjoying Wisconsin's Great Lakes
Bayfield, WI

Samuel Meyers Park Restoration

By **JULIE KINZELMAN**
Racine Health Department

Samuel Myers Park lies within the Pike River Watershed, in the City of Racine. Invasive species, soil erosion, and storm water runoff has led to poor water quality, habitat loss and degraded wetlands, problems common to the greater Pike River watershed and Lake Michigan shoreline.

Since 2013 the City of Racine has been working hard to improve water quality and create public access with the help of volunteers from local high schools, churches, community organizations, Friends of Myers Park, UW-Parkside and the Great Lakes Community Conservation Corps. Removing invasive species (like Phragmites) and restoring native dry/sand prairie, dune and wetland vegetation will provide food and shelter for a variety of bird species in this migratory flyway as well as habitat for year round "residents" such as American toads and muskrat. Improvements at Meyers Park will also benefit beach visitors and help stimulate the local economy.

Photo below: Racine Health Department staff member, Rosalyn Smith, and volunteers restore a section of dry/sand prairie with nodding onion (Allium cernuum) in June 2015.

Photo by **JULIE KINZELMAN**

May 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Photo by **JULIE ANDERSON**	1	2 First Quarter Moon	3	4	5 Cinco de Mayo	6
7	8	9	10 Full Moon	11	12	13
14 Mother's Day	15	16	17	18 Last Quarter Moon	19	20
21	22	23	24	25 New Moon	26 Ramadan Begins at Sunset	27
28	29 Memorial Day	30	31			

APRIL 2017

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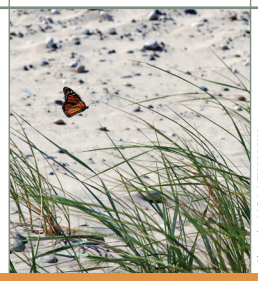

JUNE 2017

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25	26	27	28	29	30	

Photo by **LISA LEHMANN**

Cabela's

ABOVE: "Dragonfly Larvae Surveys"
By **BOB GROSS**
Northland College
2nd Place (tie) Great Lakes Stewardship

Dragonfly Larvae Survey

By **JULIE BUCKLES**
Northland College

Citizen scientists are involved in many types of environmental monitoring. Volunteers often monitor aquatic insects because insects can be good indicators of environmental quality. In this study, dragonflies are used to monitor spatial patterns and trends in mercury across several state and national parks. Recent studies have shown that concentrations of mercury in larval dragonfly are well correlated with levels of mercury in fish. Larval dragonfly are more easily sampled than fish.

Dr. Randy Lehr, co-director of the Northland College Mary Griggs Burke Center for Freshwater Innovation, and Northland College senior Joe Fitzgerald collected dragonfly larvae in the Apostle Islands in summer 2015 as part of a larger study in which students work as citizen scientists in cooperation with the National Park Service, U.S. Geological Survey, and the University of Maine.

Joe Fitzgerald collected dragonfly larvae at Pictured Rocks, Isle Royale, Grand Portage, St. Croix, and the Apostle Islands National Lakeshore. In 2016, he plans to add Sleeping Bear Dunes and Voyageurs National Park.

Photo by **CHUCK GERMAIN**

June 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		MAY 2017 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 Photo by **TRACY ADAMS**		1 Photo by **JAMES PEACOCK** First Quarter Moon	2	3
4	5	6	7	8	9 Full Moon	10
11	12	13	14 Flag Day	15	16	17 Last Quarter Moon
18 Father's Day	19	20 Summer Begins	21	22	23 New Moon	24
25	26	27	28	29	30 First Quarter Moon	JULY 2017 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

usbank
usbank

ABOVE: "After Hours Summerfest"
By **MARK STRAUB**
Milwaukee, WI

Restoring Wild Rice

By **MOLLY WICK**
WDNR

Wild rice has played a major role — nutritionally, culturally and spiritually — in the lives of the Ojibway people for centuries. The Ojibway consider wild rice or Manoomin ("the good berry") a special gift from the Creator. According to legend, during their long migration from the East Coast, the Ojibway were instructed to go to the place where "the food grows on water," leading them to Lake Superior and the northern inland lakes. Wild rice is also important to fish, birds and other wildlife.

Allouez Bay is the site of an effort to restore wild rice to the St. Louis River estuary. In 2015, over 30 acres of the bay were planted with wild rice. It can take five years of seeding to establish a seed bank in the mud and develop a dense stand of the plant. Hopefully after several years of seeding, this bay will be filled with wild rice that can be harvested by the local community. This project is a partnership between Douglas Co., UWS-Lake Superior Research Institute, WDNR, Great Lakes Indian Fish and Wildlife Commission, Lake Superior National Estuarine Research Reserve, Ducks Unlimited, and the City of Superior; funded by a National Fish and Wildlife Foundation Sustain Our Great Lakes grant.

Photo by **MOLLY WICK**

July 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
JUNE 2017 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30			AUGUST 2017 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		1 Full Moon	
Photo by **MARK STRAUB**				Photo by **SHELBY CHMIELEWSKI**		
2	3	4 Independence Day	5	6	7	8 Full Moon
9	10	11	12	13	14	15
16 Last Quarter Moon	17	18	19	20	21	22
23 New Moon	24	25	26	27	28	29
30 First Quarter Moon	31					

ABOVE: "Ride the Lightning"
By **SAM PURDY**
1st Place – Natural Features and Wildlife
Grant Park, Milwaukee, WI

What Right Have I

By **JUDE GENEREAUX**
(inspired by Ellison Bluff vista)

What right have I
to luxuriate in such beauty?
people are starving in Africa
children die in the killing fields
the mid-east festers, ticking

What right …
to sit gazing at sun dazzled water
lined in cliffs of white, bumblebees
pop & whizz
through candy cane striped flutes
gulls glide, weightless over a
navy-blue-white-frothing bay
I sit idle in a field
studying the lace of white pine.

Would I dare hope this is karma,
reincarnation?
I am aware of nothing I did to earn
this moment
even as I recognize the truest sin
would be to not rejoice in such grace

When I return home
I promise
to write my congressmen
send money to good causes;
But for this moment
my sole duty, my responsibility
is to take notice of this perfection
and be glad.

Photo by **MARK CHARBONNEAU**

August 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
JULY 2017 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	**SEPTEMBER 2017** S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	1	2	3 Wisconsin State Fair Begins Pick up your 2017-2018 Great Lakes Calendar!	4	5
6	7 Full Moon	8	9	10	11	12
13	14 Last Quarter Moon	15	16	17	18	19
20	21 New Moon	22	23	24	25	26
27	28	29 First Quarter Moon	30	31		

Photo by **CAROL TOEPKE**

ABOVE: "Breakwater Lighthouse"
By **BRIAN TAYLOR**
2nd Place – Cultural and Historical Features
Ashland, WI

White Feathers
By **MARILYN ZELKE-WINDAU**

Soft on grit,
white feathers on sand —
gulls track away
to the lake.
Triangle webbed paths
crisscross,
screech intersections,
coo discoveries,
ascend to float
on air waves.

Photo by **BRENDA R. JONES**

September 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
AUGUST 2017 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31			OCTOBER 2017 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31		1	2
	Photo by **MARK ADSIT**			Photo by **MARC PONTO**		
3	4 Labor Day	5	6 Full Moon	7	8	9
10	11 Patriot Day	12	13 Last Quarter Moon	14	15	16
17	18	19	20 Rosh Hashanah Begins at Sundown New Moon	21	22 Autumn Begins	23
24	25	26	27 First Quarter Moon	28	29 Yom Kippur Begins at Sundown	30

ABOVE: "Angles, Lines and Determination"
By **REGGIE GAUGER**
Sheboygan, WI

Restore the Shore

By **JENNIFER POWELL**
Woodland Dunes Nature Center and Preserve

Invasive plants and animals can disrupt the native ecosystem and degrade living conditions for native species. Restore the Shore is a collaborative effort with a common goal of removing invasive species and restoring natives for the benefit of migratory birds, pollinators and the community. This restoration stretches from southern Manitowoc Co. up to Kewaunee Co., with plans to expand along the Lake Michigan shoreline. Between 2013 and 2016, approximately 5,000 trees and shrubs, along with forbs and grasses, were planted on approximately 200 acres of restored habitat. The Manitowoc-Two Rivers lakeshore is an important migratory stopover area for many birds.

Partners: Lakeshore Invasive Species Management Area, Woodland Dunes Nature Center and Preserve, Lakeshore Natural Resource Partnership, WI Stopover Initiative, Manitowoc Co., City of Two Rivers, City of Manitowoc, and local school districts, landscaping companies, and Scout and Friends groups.

Funding: West Foundation, Hooper Foundation, U.S. Fish and Wildlife Service, Natural Resources Foundation of WI, WI DOA Coastal Management, James E. Dutton Foundation, Fund for Lake Michigan, Sustain Our Great Lakes, Natural Resources Conservation Service, WI Environmental Education Board, WI Public Service and WDNR.

For more information: **http://www.lisma.net/restore-shore/ or http://www.woodlanddunes.org/restore-the-shore/** .

Photo by **JENNIFER POWELL**

October 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5 Full Moon	6	7
8	9	10	11	12 Last Quarter Moon	13	14
15	16	17	18 Clean Water Act Signed in 1972	19 New Moon	20	21
22	23	24	25	26	27 First Quarter Moon	28
29	30	31 Halloween				

Photo by **SAM PURDY**

SEPTEMBER 2017

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

NOVEMBER 2017

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

ABOVE: "Foggy Day at Big Bay Beach"
By **JOEL BERENBAUM**
Whitefish Bay, WI

From a Point of Stone

(song lyrics written in 1997)
By **SHEILA LARKIN**

Lay me down on your rocky shore so gently,
I have come in on an eastern wind tonight.
If I listen will you have a tale to tell me?
Will I hear it by the early morning light?

Looking out at the blue-on-blue horizon,
Like a ship's bow, but from a point of stone
'Cross the waters wide the waves are surely risin',
Now it's you and me, face-to face alone.

Ah lady of the water,
Living, clear blue inland sea.
Beauty...like no other
I'm listening now....please talk to me.

I have heard that your water can turn angry,
That the wind and waves have claimed many lives.
I am humbled by your presence that surrounds me
In your memory lives the sound of old goodbyes.

What I'm looking for is something like a question,
When I learn to ask it maybe then I'll know
How to put aside my fear and learn to listen
To the hidden song my heart longs to show.

Photo by **KAREN GERSONDE**

November 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Photo by **LORRI HOWSKI**			1	2	3	4 Full Moon
5 Daylight Savings Time Ends	6	7	8	9	10 Edmund Fitzgerald Sinks in Lake Superior in 1975 Last Quarter Moon	11 Veteran's Day
12	13	14	15	16	17	18 New Moon
19	20	21	22	23 Thanksgiving Day	24	25
26 First Quarter Moon	27	28	29	30		

OCTOBER 2017

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

DECEMBER 2017

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

ABOVE: "First Snow"
By **DAVID HEILMAN**
Jackson Harbor, WI

Seasons
By **JOHN BOURGEOIS**

As I sit here quietly...sipping my coffee,
while I stop and think.
I can't help but notice, how the seasons
can change!
They change in a blink!
And when they do...there are many...
who don't agree, putting up such a stink,
As mother nature, does what she does,
While I sit here and ponder, ponder and
think.
While she works her great magic, from
the sky up above
I will raise my cup, and sip from my drink.
While the otters will play... and the fox
and the mink.
She'll whisk her great wand, high up in
the air...
and she'll swish around the wind, and
stir the night air,
While she gives a slight nod and a
curious wink.
To show us nature's beauty, so what do
you think?

Photo by **MASON MORRIS**

December 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
NOVEMBER 2017 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	 Photo by **SHELBY CHMIELEWSKI**			JANUARY 2018 S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1	2
3 Full Moon	4	5	6	7 Pearl Harbor Day	8 Great Lakes Compact Enacted in 2008	9
10 Last Quarter Moon	11	12 Great Lakes Restoration Strategy Released in 2005 Hanukkah Begins at Sundown	13 Great Lakes Compact Signed by Governors in 2005	14	15	16
17	18 New Moon	19	20	21 Winter Begins	22	23
24 31 New Year's Eve	25 Christmas Day	26 Kwanzaa Begins First Quarter Moon	27	28	29	30

"The ultimate test of a man's conscience may be his willingness to sacrifice something today for future generations whose words of thanks will not be heard."

GAYLORD NELSON
Former Wisconsin governor and co-founder of Earth Day

Photo by **SHERI WITT**

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