THE UNDATES

A newsletter for the supporters of the International Wildlife Refuge Alliance and the Detroit River International Wildlife Refuge











The Detroit River International Wildlife Refuge (DRIWR)

is located along the lower Detroit River and western shoreline of Lake Erie. Established in 2001 as the first International Wildlife Refuge in North America, it includes islands, coastal wetlands, marshes, shoals, and waterfront lands along 48 miles of shoreline. Its unique location in a large urban area allow significant opportunities for the public to experience fish, wildlife and plants in their natural habitat.

The International Wildlife Refuge Alliance (IWRA) is a 501 (c) (3) nonprofit organization- a "Friends" organization that works to support the U.S. Fish & Wildlife Service in the development of the DRIWR. We invite you to become a supporter of IWRA.

Visit iwralliance.org, www.fws.gov/refuge/detroit_river and www.drhawkwatch.org for more periodic updates.

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DRIWR & IWRA Staff

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Jason Blake, Refuge Adminsitrative Assisitant

BIOLOGY

Jessica Fletcher, Wildlife Biologist Tyler Dolin, Lead Biological Technician Alexa Blankenship, Biological Technician Michala Burke, Biological Technician

IWRA

Joann Van Aken, Executive Director Nicole LaFleur, Engagement Assistant / Nature Store Manager Shannon Nelson, Outreach & Operations Coordinator

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MAINTENANCE

John Nicely, Maintenance Mechanic David DeMeyere, Maintenance Apprentice

VISITOR SERVICES

Jody DeMeyere, Visitor Services Manager Todd Weston, Park Ranger Jazmyn Bernard, Park Ranger



www.facebook.com/DetroitRiverIWR www.facebook.com/IWRA

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About the cover:

The Snowy Owl (*Bubo scandiacuf*) Hunters by day, the females never become completely white, excellent eye sight and can be found cruising close to the ground.

A Message from the Alliance Chair

Susan White's tenure as Refuge Manager was short but eventful! Learning to live with the vagaries of floodwaters from Lake Erie and canceling a Grand Opening for a visitor center honoring the late John D. Dingell, Jr. scheduled for May 9, 2020 due to a worldwide pandemic were just starters. All of this and more .

Thank you Susan for keeping us on course!

Richard Micka, Chair International Wildlife Refuge Alliance Board



From the Acting Refuge Manager: Steve Dushane

Change is in the Air!

As we changed seasons from summer to fall, the leaves and weather were not the only things changing at the Refuge. In late summer we learned that the John D. Dingell Jr. Visitor Center was finally finished. All contracting work is complete and the contract has been closed. What great news for the Refuge and the community! A few additional highlights made possible with the help of many partners include:

- **Sugar Island** the first season of construction work has begun on the Sugar Island Restoration Project. Most of the core stone has been laid with the armor stone now being added on the barrier islands. Construction is expected to wrap up in late 2022.
- Natural Playscape the Refuge and Wayne County Parks began work on the natural playscape and covered pavilion near the fishing pier this summer. Eighteen picnic table pads were poured to hold the 2,000 lb, one-piece tables throughout the area of the Refuge Gateway, four meeting accessibility standards for all to enjoy. Playscape completion is expected in spring 2022.
- Ford Marsh in late September, the Refuge awarded a contract to conduct a detailed feasibility study in efforts to determine restoration options at the Refuge's historic Ford Marsh Unit in Monroe, MI. This will provide the Refuge with a wealth of information to inform stakeholders and decision makers on the future trajectory of restoration efforts at the Ford Marsh Unit.

National Wildlife Refuge Chief, Cynthia Martinez always says, "The only constant is change". How true. In late summer, the Refuge, partners, and the community learned that Refuge Manager Susan White was leaving the Refuge and had accepted another position in Hawaii. Susan's tenacity and determination were huge factors in getting the Visitor Center across the finish line. Though her time here was short, Susan will leave a lasting legacy on both the Refuge and staff. Thank You, Susan! The job announcement for the new Refuge Manager was advertised in late October and hopefully the Refuge will have a new manager by spring! *Stay warm, stay safe, and get outside!*

Thank You To Our Board of Directors:

Richard G. Micka – Chairman Gary R. Kirsh – Vice Chairman Tim Bowman – Treasurer Roberta Urbani – Secretary Marika Diamond – Liaison Mary Bohling John Cullen Michael Dunlap, II Joann Gonyea Elizabeth Iszler Kristen LeForce Michael Morrin Bruce Ross Donald Skidmore Richard Skoglund Richard Whitwam



Susan White Bids Farewell

I've come to deeply appreciate the Hawaiian tradition of wishing A hui ho (a-whoo-eee-hoe), meaning "until we meet again". It describes the truth that we never really quite know what the future will hold. Life is a series of contrasts, choices, and changes and people come in and out of our spheres over time. Each can leave footprints by touching our journey with their own energy. I feel deeply touched by the energy and spirit of the Detroit River International Wildlife Refuge, and you – its community.

It is a gathering place like no other – filled with care and support, vision and purpose. I feel humbled and proud to have intersected here along my own journey. Reflecting back on my 3+ years at this Refuge, I'm overwhelmed with gratitude to have met and befriended so many wonderful people, been involved in so many wonderful programs, and to have been part of a dedicated community working hard to help "move the needle" for healthy communities and wildlife conservation. Looking back, it is good to take stock of how far we've come. Together, we've not only completed the John D. Dingell Jr. Visitor Center but we became recognized nationally as one of seven priority urban refuges amongst the U.S. Fish and Wildlife Service's 568 refuges in the nation. We welcomed visitors to new greenspace at the reclaimed brownfield at the Refuge Gateway and opened Humbug Marsh for visitors to enjoy seven days a week. It was a culmination of grit, determination, and hard work by our dedicated team of staff, volunteers, and contractors to pull us over the finish line. And, what a finish line it is. One of my deepest sources of happiness and accomplishment was to see you out at the Refuge, enjoying it for whichever purpose you chose. The diversity of activities is matched only by the diversity of people, and the peaceful comradery shared amongst strangers.

This is a joy I carry with me and it will inspire more communities' connections with nature and more restoration of viable ecosystems in formerly degraded sites. You are a model for the U.S. (and the world!) of what a community can do when people come together for a healthy neighborhood and planet. Never forget that it is YOU – THIS COMMUNITY – who are the visionaries, the creators, the stewards who carry this Refuge and our world forward to a brighter future. Thank you for showing me this strength and power.

There are so many good memories and reflections I carry with me to forever: Refuge Gateway in early morning; watching the autumn sun rise over the Detroit River in crisp hazy morning air; counting monarch butterflies flitting by my window as they heed to ancestral pull to migrate south; the first robins of the season, tenacious and meticulous in their nesting; walking the pier in the spring fishing rush and stopping to meet people from all walks of life sharing the joy of hooking that fish and reeling it in; ribbon-cutting the Downriver Linked Greenway Trail and celebrating Trenton Trail Town; kayaking the placid and thriving Humbug Marsh; bundling up to watch eagles at DTE; handing out fishing rods at the Detroit Riverwalk during Family Fishing Day and seeing the excitement and wonder in kids (and adults!) as they caught their first fish ever; working with too many partners to name - in projects as varied and important as stabilizing shorelines, cleaning creeks, to honoring the living Native American Wyandot communities, to teaching kids about sturgeon reefs and coral reefs. What a ride. I remember trundling through autumn wetlands to control Phragmites with the Cooperative Weed Management team; reviewing oodles of project proposals, site visits to projects, and awarding grants to communities with the Southeast Michigan Resiliency Fund funding team; heartfelt and productive personal chats with Congresswoman Dingell on our shared conservation-community vision; developing long-term plans for sustained coordination with county partners; collaborating with scientists, artists, educators, and business leaders to advance the shared goals of thriving river and communities; and building governance resiliency and program stability with the talented and passionate IWRA Board. Too many great memories and amazing accomplishments to mention through the network of staff, partners, and volunteers. Thank you.

To be sure, the work is not done. There is plenty more to do. A new Refuge Manager will come soon to carry the ball further down the field. They will be lucky to have a team and community to welcome them in, as I did, and together you will continue the vision and amazing energy that is the Detroit River International Wildlife Refuge.

Stop to reflect where you've come. Cherish those who helped along the way. Hold tight those 'keeper moments' of memories to recall inspiration even when faced with adversity. These are the lessons that give me strength and hope, and the Detroit River International Wildlife Refuge is deeply imbedded in each of them for me.



Thursday, September 9, 2021 the 15th annual benefit dinner in support of the Detroit River International Wildlife Refuge was held at Silver Shores Waterfront Banquet Center in Wyandotte, MI with 250 guests to enjoy an evening with friends in conservation on the water's edge of the Detroit River. Smiles were seen throughout the evening as all were excited to be together once again and enjoy the open-air event with friends.

As the sun began to set, the annual Friend of the Refuge Awards were given by IWRA Chairman, Richard Micka, along with the honorable Congresswoman Debbie Dingell. The awards are given in recognition of leadership and dedication to conservation on the Detroit River along the western basin of Lake Erie.

2021 Individual Friend of the Refuge Award recipient is

Mark Messer

A picture is worth a thousand words. Mark is a professional photographer. His knowledge of shutter speed, light, background, and composition makes his work priceless. IWRA

background, and composition makes his work priceless. IWRA and the Refuge use his photos for a variety of advertising and public outreach. This is provided by Mark at his own time and expense.

Mark Messer memorializes IWRA events. His photographs are a testimonial to the hard work and effort exerted for these and at Refuge outreach programs. He is able to depict the energy and camaraderie these events inspire. His years of expertise in securing relevant images has given IWRA and the Refuge an avenue to create awareness of the beauty of the Detroit River International Wildlife Refuge as an urban asset. Thank you, Mark for continuing to capture our livelihood and memories!



2021 Nonprofit Friend of the Refuge Award recipient is

The Downriver Linked Greenways

Downriver Linked Greenways, a nonprofit organization dedicated to the establishment and maintenance of non-motorized trails, serves approximately 133 miles of land corridors and 110 miles of water trails. They provide a critical non-motorized connection between the Detroit River International Wildlife Refuge and residents in 21 communities and beyond. Downriver Linked Greenways fought to have a 25-mile-long section of trails included in Michigan's Iron Belle Trail, including the portion along Jefferson Avenue in front of the Refuge Gateway and Humbug Marsh Unit.

Significant partnership efforts resulted in the Detroit River International Wildlife Refuge and the City of Trenton securing a Federal Lands Access Program grant to connect the Refuge Gateway property to Elizabeth Park and downtown Trenton, a resting station along N. Gibraltar Road near the Humbug Marina, and the water-trail signage at the kayak launch in the Refuge Gateway.

Groundwork and facilitation so arduously tendered over many years may be attributed to two primary individuals, Mary Bohling and Anita Twardesky. When the late Congressman John D. Dingell, Jr. conceived the idea to create an international wildlife refuge, both Mary and Anita were right there to champion the cause and were instrumental in forming the International Wildlife Refuge Alliance (IWRA). Much of the groundwork was already in place when the Downriver Linked Greenways Initiative began in 1999. This paved the way for a Friends organization to interact with communities within the greater Downriver Community. Thanks to the dedicated efforts of Mary Bohling and Anita Twardesky, the Detroit River International Wildlife Refuge became a functional aspect of the Downriver Linked Greenways, both terrestrial and aquatic.

Thank you, Mary and Anita, your contributions with the Downriver Linked Greenways and beyond, are very much appreciated!



2021 Corporate Friend of the Refuge Award recipient is

Roemer Utility Services

Pete Roemer and Roemer Utility Services stepped up when the Detroit River International Wildlife Refuge needed it most. Originally, Roemer Utility Services was the directional drilling sub-subcontractor working on the John D. Dingell Jr. Visitor Center sewer system.

When the construction of the original system was found to have problems and other contractors could not resolve them, Pete stepped forward exhibiting welcome expertise, professional integrity, and timely action to provide a solution – ultimately excavating the sewer lines and correcting the issues associated with the faulty sewer system. Roemer's solution finally made the system fully operational.

Not only did Roemer repair the inoperable system, they took the care to effectively oversee subcontractors to properly finish and landscape the surrounding Visitor Center site. By doing so, Pete demonstrated his capability to serve as an effective and reliable General Contractor. With the FWS needing additional General Contracting services, Pete and Roemer Utility Services stepped up to complete projects that had languished for months (and years!) causing significant delays in finishing the John D. Dingell Jr. Visitor Center. From complex repairs of interior sanitary lines to excellence in installation and repairs on custom floors and patios, carpentry, drywall work, painting, electrical, cleaning, and more; Pete and his lead representative Ed Behnke secured high quality subcontractors, such as Villanova Construction Company, Stante Excavating Company, and Detroit Spectrum Painters to accomplish the work in short turnaround times. The Roemer team worked with the subcontractors to deliver the construction services needed and supplied skilled oversight and reliability in all their professional connections. In doing so, they also dispelled discrediting rumors about working at the site that began circling through local trades. Roemer's success brought truthfulness and pride back to the work site.

Without Roemer Utility Services involvement, the FWS could still be struggling with others to make the John D. Dingell Jr. Visitor Center operational. Not only did the Roemer team and their subcontractors complete timely repairs on significant operational systems as well as refined architectural finishes in the building, they also completed work with an extremely high degree of excellence which honors their crafts. The Visitor Center, now, finally, rightfully, represents the excellence of a federal facility and it is worthy of its namesake.

Thank you, Pete Roemer, Ed Behnke and Roemer Utility Services!



2021 Individual Friend of the Refuge Award recipient is **David Perry**

You may recognize his voice. Dave Perry has served as the Master of Ceremonies and Auctioneer at the IWRA Annual Benefit Dinner for several years. His talent is in establishing rapport with the crowd and getting their attention to accelerate the enthusiasm for auction items. Dave's professional mannerism is essential with the introduction of personalities present,

in addition to the vibrant appeal for games and raffles needed to raise funds for IWRA and the Refuge. Also involved with the Ducks Unlimited organization at the State level, Dave has demonstrated a strong belief in conservation and community support throughout his life.

Thank you, Dave for your continued support in voice and conservation!





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Bottom - Richard Micka Photo credits - Mark Messer



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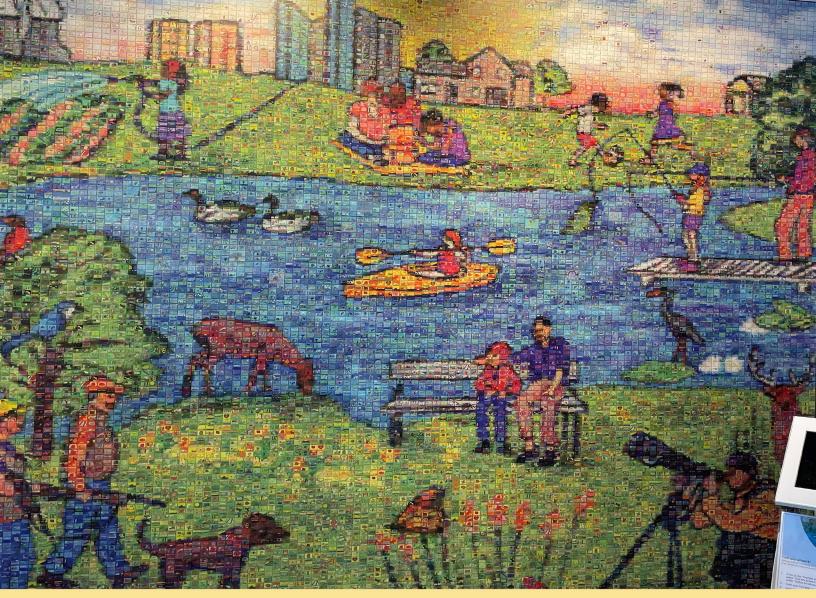
Wayne County Parks and Recreation

Wild Birds Unlimited - Woodhaven

Susan White

Richard Whitwam

Ypsilanti Food Co-op



The mosaic mural artwork is now on display on the entry wall of the John D. Dingell Jr. Visitor Center.

We look forward to finding where your artwork can be found in the mural with you soon!

Mosaic Mural Joann Van Aken, IWRA Executive Director

Thank you to all who brought the 6'x 7' Project S.N.A.P. mosaic mural to life in the John D. Dingell, Jr. Visitor Center! The project was designed to educate participants and their families about the importance of environmental stewardship and wildlife conservation, and to raise awareness about the important role the Detroit River International Wildlife Refuge plays in protecting the land, water, and wildlife living in the area. The program cultivated a powerful connection between thousands of students and their families as they became a stakeholder in the "big picture". Thousands of images were downsized to 1.5" building blocks that were combined to create the overall Urban Wildlife Conservation-themed piece of community art.

Did you contribute a piece? You can check it out here: projectsnap.org/mural/2137 then click on the tab at the top: Online Art Museum > Find My Artwork > add your name, Select A Program > International Wildlife Refuge and you'll see your contributed art piece and can locate it within the mural.

We truly appreciate all who supported bringing this project to life and recognize project sponsors including the Fred A. and Barbara M. Erb Family Foundation, DTE Energy Foundation, Monroe Bank & Trust, Eastman Chemical Company, the Hemming Family, E. Hugel & M. Egerer, JSP Dental, Dr. Noel and Debra Jackson, Richard & Jeanne Micka, David and Betty Sheffferly, the Walter Wydeck Family, and the Wyandot of Anderdon Nation and the International Wildlife Refuge Alliance.

Nature Connections Todd Weston, DRIWR Park Ranger and Volunteer Coordinator

This past October saw the beginning of two new annual events at the Detroit River International Wildlife Refuge. To celebrate National Wildlife Refuge Week, usually the second week in October, the National Wildlife Refuge System and the Public Lands Alliance partnered with Virtual Running Club to create the Walk for the Wild 5k Challenge. This challenge was created to raise awareness to the increasing amount of time people spend indoors, for many it is up to 95% of their day! With the understanding of how spending time in nature can promote mental and physical well-being, the simple act of being outdoors just a little more could have tremendous benefits on one's health.

The Walk for the Wild 5k Challenge is a perfect way to encourage people to get outside and show their support of the National Wildlife Refuge System at the same time. Using the Virtual Running Club's online platform, challengers sign up to be a part of this experience by pledging to move a distance of 5k at, or for, the refuge of their choice between October 9th and 16th. All 568 refuges across the country had someone sign up in their name, and we at the Detroit River International Wildlife Refuge were in the top 5 refuges of people accepting the challenge to walk, stroll, saunter, hike, prance, trot, amble, ramble or roll for the wild! In case you didn't know, the Orange and Green trail at Humbug Marsh add together to be a 5k hike in total. What a convenient coincidence! We look forward to hosting more 5k's throughout the year and to have the most challengers for next year's Walk for the Wild 5k Challenge.

The end of October saw the first annual Hike or Treat take place at the John D. Dingell Jr. Visitor Center and Humbug Marsh. In the hopes of capturing the Halloween spirit while also connecting visitors to our local wildlife, park rangers planned a fun evening of crafts and educational experiences all focused on native species of nocturnal animals.

Families came in costume and walked around the Orange Trail in Humbug Marsh and learned about skunks, owls, bats, and opossums. They also had the chance to make their very own owl mask, a bat flying in front of the moon, and an arts and crafts opossum! Due to COVID-19 precautions we were unable to have as large of an event as desired, which is why you may not have heard of Hike or Treat until now. We plan to grow this event for next year and look forward to seeing everyone in October, 2022!





DRIWR Biology Update Alexa Blankenship, DRIWR Biological Technician

Since mid-summer, the Refuge's biology team has been working to manage water levels in the Fix and Brancheau Units. In Brancheau, the Moist Soil Unit was completely reset, meaning all vegetation was cleared, the soil was disked and turned over, and then everything was flooded.

This management action is done every five years to maintain moist soil habitat (which is characterized by low water levels and emergent wetland plants like cattail, arrowhead, and smartweed) for residential and migrating ducks, shorebirds, and wading birds. Part of the Brancheau Complex, the Blanchett I Unit was mowed to reset it to wet prairie conditions. This prairie had started being taken over by cottonwood trees and needed to be brought back to cattails and prairie species like goldenrods, bonesets, coneflowers, and mints.

Feather Friendly

Alexa Blankenship, DRIWR Biological Technician

In early 2021, the Refuge's biology team began research on how to reduce avian-window collisions and fatalities at the John D. Dingell Jr. Visitor Center as part of our commitment to being a Gold LEED Certified Building.

As the last undeveloped mile of natural area along the American side of the Detroit River, thousands of birds take refuge in our Humbug Marsh Unit every migration season to rest and recover before continuing on their journey. Refuge staff became concerned that weary birds might see the reflection of the woods and water of Humbug Marsh on the windows of the Visitor Center and fly into them, with potentially fatal consequences.

Several products were considered during our research, and finally one was selected based on ease of use, success rate, and affordability. The film was applied to the south and east facing windows by mid-May, roughly a third of the way through the spring migration. The biology team is happy with the results, as there have been zero window fatalities on the south and east sides of the Visitor Center since installation.

Due on two window collisions on the north side of the building over the summer, the decision was made to also install the dots on the north and west sides of the building, covering all windows that did not have anti-avian technology installed during construction on the Visitor Center.

About 10% of the avian population dies every year due to window collisions. Because the glass is transparent, birds are often unable register it is there, and attempt to fly under a roof or through a "tunnel" in a building. Research has shown that special coatings or films applied during the production of window glass, or appliques like the Visitor Center's dots reduce window strikes significantly and thereby reduce the avian mortality rate each year. Interested in helping the bird world and reducing avian fatalities?

You can learn how to help by visiting www.3billionbirds.org to learn seven simple actions that help birds.







Nature Store Update Nicole LaFleur, IWRA Nature Store Manager

The International Wildlife Refuge Alliance was happy to welcome our first visitors to the Canvasback Corner Nature Store for a short five weeks this summer before COVID-19 closed the doors once again. Thank you to all who supported IWRA and DRIWR with a purchase at the store in 2021.

Customers enjoyed receiving a free 22 ounce Hydro Flask tumbler with a \$50 purchase, made possible by a donation from Hydro Flask's Parks For All program.

We look forward to the time when we are allowed to serve visitors again. The Nature Store has several new items that we can't wait for you to see, and we miss chatting about wildlife observed on the trails and fishing on the pier!





Meet Our New ApprenticesAlexa Blankenship, DRIWR Biological Technician

The Detroit River Hawk Watch is excited to introduce two hawk counter apprentices who joined us for the 2021 migration season!

Shourjya Majumder completed his BS in Conservation Biology at the SUNY College of Environmental Science and Forestry. After gaining experience in waterfowl census, grassland bird population monitoring, and songbird banding, he enjoyed delving into working with raptors at Detroit River Hawk Watch. During his spare time, he likes to go on nature walks, listen to music, and read a captivating book.

Erika Van Kirk grew up in a family that cultivated a deep love and respect for nature within her. Frequenting the forests and lakes of Michigan as a child she found herself noticing the endless detail of the mysterious world around her. This same curiosity and fascination with the natural world today is a driver for lifelong learning and serves as inspiration for her ceramic art practice and other creative pursuits. She works as an Interpreter at Lake Erie Metropark and Sterling State Park, is a guided hunt leader with the company Michigan Mushroom Hunters, and manages her ceramic studio, EVK Ceramics, in Detroit.

Our apprentices have had the opportunity to learn hawk identification and migration data collection directly from our experienced professional hawk counter and team of dedicated hawk spotting volunteers as they grow their experience and passion for this field.



CWMA Undate

Alexa Blankenship, DRIWR Biological Technician

Over the past few months, the strike team technicians from the Detroit River-Western Lake Erie Cooperative Weed Management Area (DR-WLE CWMA) concluded aerial surveys for invasive species. They surveyed over 9,000 acres and recorded nearly 4,000 individual populations of invasive plant species. After surveys concluded, the strike team spent most of September and early October chemically treating over 50 acres of Phragmites grass, adding to the 20 acres of treatment they had done during the survey season to assist early management for DR-WLE CWMA partners.

Attention has now turned to woody invasive species treatment and Phragmites biomass removal. The strike team will be removing species like autumn olive, black alder, and common buckthorn during the late fall and early winter, in addition to mowing or crushing the treated Phragmites stalks to make space for beneficial native plants to grow next year.

The 2021 Detroit River Hawk Watch was the 39th consecutive season of monitoring diurnal raptor and turkey vulture migration at the mouth of the Detroit River, and the 24th year of consistent coverage at Lake Erie Metropark. 94,616 total turkey vultures and raptors of 14 species were counted. This total was 24% below the long-term average (124,184) and 23% below the 10-year average between 2012 - 2021 (122,998).

Species whose totals were above the long-term average include the turkey vulture, sharp-shinned hawk, American kestrel, merlin, and peregrine falcon. Season totals were 60,098 turkey vultures, 26 osprey, 83 bald eagles, 379 northern harriers, 6,571 sharp-shinned hawks, 52 Cooper's hawks, 0 northern goshawks, 502 red-shouldered hawks, 21,987 broad-winged hawks, 0 Swainson's hawks, 3,643 red-tailed hawks, 4 rough-legged hawks, 65 golden eagles, 1,068 American kestrels, 67 merlins, 70 peregrine falcons, and 1 unknown buteo.

Thank you to our entire crew of devoted volunteers, counter, and apprentices who put in 532 hours of data collection. Without your time and effort this scientific survey would not be possible. We are already looking forward to the next season together. Keep looking up!

You can read our full report once it is published at: http://detroitriverhawkwatch.org/publications.html

Daily observation photos and commentary can be found on the Facebook page:

https://www.facebook.com/groups/detroitriverhawkwatch

Daily count and weather observations detailed on: https://hawkcount.org/

Nature Calms the Chaos - you can visit the grounds of the Refuge Gateway and Humbug Marsh daylight hours, 7 days a week. Enjoy.







A. Sturgess

UPCOMING CALENDAR OF EVENTS

WinterFest at Clark Park

Jan. 22

http://www.clarkparkdetroit.com

WinterFest at Rouge Park

Jan. 29

http://www.rougepark.org/

Ice Skating at Rouge Park

Feb. 5

http://www.rougepark.org/

Michigan Ice Fest

Feb. 9-13

http://michiganicefest.com/

Palmer WinterFest

Feb. 11-13

http://peopleforpalmerpark.org/winterfest

WinterFest at Rouge Park

Feb. 19

http://www.rougepark.org/

Outdoor Programming with DRIWR Park Rangers at DRIWR unless noted below with different location:

Jan 30th: Winter Scavenger Hunt 11-12pm

Feb 4th: Palmer Park evening event with D.O. at Palmer Park Feb 5th: Palmer Park daytime event with D.O. at Palmer Park Feb 6th: Palmer Park daytime event with D.O. at Palmer Park

Feb 12th: Phenology Hike 1-3pm

Feb 20th: Winter Nature Journaling 11-12pm Feb 27th: Storytime with a Ranger 11-12pm

Mar 5th: Phenology Hike 1-3 pm

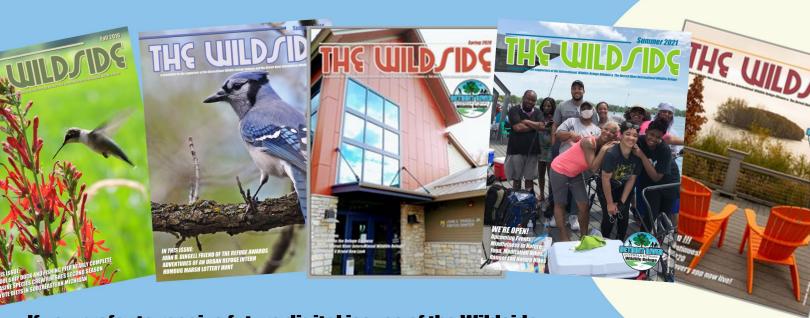
Mar 6th: Winter Scavenger Hunt 11-12pm Mar 13th: Winter Nature Journaling 11-12pm Mar 19th: World Water Day programming 1-3 pm Mar 20th: Story Time with a Ranger 11-12pm



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