# Indiana Audubon Society ARDINAL ARDINAL

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The Cardinal
Newsletter
is a bi-monthly
publication of the
Indiana Audubon
Society. Its purpose
is to share stories
and conversations
so that members
and the birding
community beyond
can stay meaningfully
connected both
to birds and to the
people dedicated
to their protection.



On the cover: Cooper's Hawk by Vic Berardi

#### JOIN -OR-RENEW TODAY



| MEMBERSHIP<br>PERKS   |              |              |              |              |              |          |              |              |
|---|--------------|--------------|--------------|--------------|--------------|----------|--------------|--------------|
| Access to bi-monthly & quarterly newsletters                      | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | <b>✓</b> | $\checkmark$ | $\checkmark$ |
| Mailed printed copies of<br>bi-monthly & quarterly<br>newsletters |              |              | <b>✓</b>     | <b>✓</b>     | <b>✓</b>     | <b>✓</b> |              |              |
| Complete access to Birds of the World online                      | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ | $\checkmark$ |          |              |              |
| Discounted Field<br>Trips & Programs                              | <b>✓</b>     | <b>✓</b>     | $\checkmark$ | $\checkmark$ | $\checkmark$ |          | $\checkmark$ | <b>✓</b>     |
| Special Access to Mary<br>Gray Birding Sanctuary                  | <b>✓</b>     | $\checkmark$ | $\checkmark$ | <b>✓</b>     | $\checkmark$ |          | <b>✓</b>     | $\checkmark$ |
| 15% discount at the<br>IAS online store                           |              |              |              | $\checkmark$ | <b>✓</b>     |          |              |              |
| Register a friend for a trip at the IAS member rate               |              |              |              | $\checkmark$ |              |          |              |              |



Be a part of Indiana Audubon Society! Sign up at: Indianaaudubon.org/membership

### **UPCOMING**TRIPS & EVENTS

Join Indiana Audubon for an assortment of field trips and workshops being offered this summer. Visit indianaaudubon.org/events for more information or to register for any of these upcoming late summer and early fall activities. Additional events are listed on our website and many fill early!

**AUGUST 6:** Hummingbird Migration Celebration [Mary Gray Bird Sanctuary, Connersville]

**AUGUST 9:** Building Birder Skills Virtual Workshop- Shorebird ID with Geoffrey Williamson [Zoom]

**AUGUST 13:** Lakefront Shorebirds Field Trip [Michigan City]

**SEPTEMBER 3:** Fall Open House Event at Mary Gray Bird Sanctuary [Connersville]

**SEPTEMBER 24:** IAS Fall Gathering [South Bend]

Visit the Indiana Audubon Events Page at INDIANAAUDUBON.ORG/EVENTS to see all the field trips and events now posted for registration. These trips will fill fast!

### NEWS INDIANA AUDUBON SOCIETY

#### **NOMINATE AN IAS MEMBER TODAY!**

Indiana Audubon Society members are encouraged to make nominations for one of two annual awards the society bestows each year. The Earl Brooks Award is given to an individual "for advancement of conservation of natural resources in Indiana." The award recipient does not have to be an Indiana Audubon Society member. The James H. Mason Service Award is presented to a member of the Indiana Audubon Society who has dedicated themselves through service to the society. It serves as an inspiration and focus for others to work with such individuals.



Learn more about the IAS Awards and nominations at INDIANAAUDUBON.ORG/ABOUT-US

#### **GRANTS/SCHOLARSHIPS AWARDED THIS YEAR**



The Indiana Audubon Society is pleased to announce several awards in the Mumford and Keller Grants/Scholarship Program in 2022. This program is for individuals and organizations that are seeking funding for activities related to Indiana's natural resources, particularly those related to Indiana's avifauna. This year's funding has been set aside for applicants in many categories, including, but not limited to: research, bird preservation, workshop attendance, and youth birding activities. More than \$6,000 in funds will be awarded this fall.

For more information about the Mumford and Keller Grants/Scholarship Program, visit bit.ly/IASgrant

#### IAS MONITORING WATERBIRDS WITH DRONES



Earlier this spring, Indiana Audubon assisted in research using UAVs (drones) to assess difficult-to-survey nesting areas where adult birds often flush and pose risk to young birds. The usually inaccessible steel mills in NW Indiana host large numbers of nesting cormorants, night-herons and egrets, in addition to gulls and terns.

High resolution "stitching" allows for many images to be combined into a single large image. **How many nesting cormorants can you find in this picture?** 

#### BROCK'S SHOREBIRDS OF INDIANA

Shorebirds represent a diverse set of often long-distance migrant birds whose ID can be as challenging as finding them. Indiana isn't always thought of as a destination to watch shorebirds, however the many mudflats, shallow waters, sandy beaches, flooded fields and rocky shorelines provides for a host of habitats for both breeding and migrating shorebird species.

Charles Keller revolutionized what we know about shorebird migration in Indiana in his marvelous 1957-58 shorebird articles. Charlie integrated a thorough literature search with sparse local records. Today, 60+ years later, Dr. Kenneth Brock has compiled the most extensive update on the nearly 50 shorebird species that have been seen in Indiana. Each species account includes exhaustive data on migration timing, abundance, and distribution around the state.



The Brock's Shorebirds of Indiana supplement is a great addition to his previous published Birds of Indiana and Birds of Indiana Dunes. Each shorebird species file is made available online by Dr. Brock for all Indiana Audubon members.

Check it out today at INDIANAAUDUBON.ORG/SHOREBIRDSOFIN

#### INDIANA AUDUBON TRAVEL PROGRAM GIVES BACK

Indiana Audubon's travel program is an opportunity to learn more about the birds around the world, while giving back to the locations we visit. Through your help, we learned more about the conservation of birds this winter and spring in locations outside of Indiana, and were able to give back to the following projects this year:



#### **COSTA RICA NEST BOX PROJECT**

Participants to this winter's Costa Rica tour learned about the efforts Emmanuel has made to provide nest boxes for woodpeckers, parrots, and other cavity nesters in reclaimed habitat just outside of San Jose. IAS made a \$500 donation towards this project, and the trip participants MATCHED the donation to help support this effort.

#### SUPPORTING SCALED QUAIL ALONG THE RIO GRANDE

Indiana Audubon's pandemic delayed trip to the lower Rio Grande this spring helped give back to the Valley Fund and participants donated on their own to the Ranchito de los Coyotillos, providing habitat and viewing opportunities for Scaled Quail and other scrubland species.

#### **BLACK HILLS AND BADLAND GRASSLANDS RULE!**

Birders this summer explored the taste of the West with our Black Hills and Badlands trip in June. That exploration showcased some amazing conservation taking place in this unique landscape. IAS provided another donation to support The Nature Conservancy's grassland restorations and management in South Dakota.

#### **ANTPITTA WORLD IN ECUADOR**

More than 400 species were seen this summer in Ecuador with Lifer Nature Tours and Indiana Audubon. A trip highlight was visiting the Angel Paz Antpitta Reserve. IAS participants were so moved by the conservation and education story taking place on the western slopes of the Andes that in combination with a \$500 donation made to the protection and continuation of this special reserve, IAS members have again atched this donation directly to the GoFundMe campaign.



Indiana Audubon

# BIRDING TRAVEL

2023-2024

Come on your next epic birding adventure with us! Indiana Audubon is happy to host our next in a series of great birding adventures designed to educate our members to the birds around the world. Indiana Audubon trips bring in conservation and research dollars for Indiana bird projects and we donate a percentage back to conservation efforts in the areas we visit. Travel the world, get new lifers, and give back to local organizations. We hope to see you on our next trip!

MICHIGAN U.P.

**SNOWY OWLS** FEBRUARY 3-5, 2023

#### **SAX-ZIM BOG MN**

NORTHERN OWL TOUR FEBRUARY 10-13, 2023

#### **COSTA RICA**

**CLOUD FOREST & OSA** MARCH 1-12, 2023

#### **RIO GRANDE VALLEY**

**WOMEN'S TOUR** APRIL 15-22, 2023

#### **COLOMBIA**

NORTHERN BIRDING TRAIL

**BELIZE** 

TROPICAL BIRDS JANUARY 19-27, 2024

**FLORIDA** 

**MIGRANTS & MANGROVES** APRIL 13-24, 2024

Reserve your spot at WWW.INDIANAAUDUBON.

**ORG/EVENTS** 



## INDIANA BIRDING HIGHLIGHT

#### PATOKA RIVER NATIONAL WILDLIFE REFUGE

#### By: Jeremy Ross

Patoka River National Wildlife Refuge is a 10,000-acre Import Bird Area IBA in the counties of Pike and Gibson. Though labeled as a bottomland forest habitat, it is the diversity of habitats that make it special to birders. Within the refuge, one can find seasonally flooded agricultural fields, grasslands (850 ac.), swamps and marshes (950 ac.), forested sloughs and oxbows, and reforestation planting at different levels of succession. Due its diversity, the refuge holds something for year-round birding.

The bottomland forests offer valuable habitat



to nesting birds such as Prothonotary Warblers, Red-headed Woodpeckers, Wood Ducks, and Hooded Mergansers. The grasslands are home to nesting Henslow's

Sparrows, Blue Grosbeaks, Dickcissels, Bobwhite and Bell's Vireos.



to boat

If one considers all the public properties that surround the wildlife refuge, a birder has over 25,000 acres of opportunity.

the water levels are usually too shallow

#### **TIMING**

Typical Time to Bird Site: 2-6 hours.

#### **Best Time to Bird:**

Four seasons of birding exists within the refuge. Spring migration is the best time to bird the refuge. Aside from the season, one of the most important aspects to consider when birding the refuge is the water level of the Patoka River. The river is often in some level of flooding

during the winter and early spring.

**Hours:** open yearround, sunrise to sunset. However, nocturnal birding can be had from the road.

#### **GETTING THERE**

**Address:** 510 ½ West Morton St, Oakland City, IN 47660

**Directions:** Between Wheeling and Pikeville, along the Patoka River, with Oakland City as the center.

Parking: Many large and/or popular parcels have small parking areas. Roadside viewing can be on busy roads, so caution is necessary.

through the first week of June then a

birder can expect nearly any species

of shorebird. If water is present into

waders like Great Egrets and Great

Blue Herons can be seen feeding

summer, then large congregations of

along with reliable yearly sightings of

Snowy Egrets and Little Blue herons

Nearby Amenities: At the Boyd Trail parking lot is a new pit toilet, there are no other public restrooms. Gas stations are available at Arthur, Winslow, Francisco and Oakland City. Oakland City and Petersburg are the nearest towns with restaurants, gas stations, grocery stores and campgrounds only one nearby hotel at Oakland City.

#### SITE LOGISTICS

**Admission:** Free

**Ownership:** US Fish and Wildlife Service

**Restrictions:** Open to hunting. Hunters and other users may be present.

**Accessibility:** The refuge has miles of trails

mowed and maintained by volunteers, yet conditions change with the seasons and weather. Boyd and Maxey, near Snakey Point in Oakland City, have the best accessible trails for visitors.

#### **CONTACT INFO**

**Website:** fws.gov/ refuge/Patoka\_River

eBird Hotspot Link: ebird.org/hotspot/ L387713



## meet a MEMBER SCOTT NAMESTNIK

TELL US A LITTLE ABOUT YOURSELF.
WHERE ARE YOU FROM? FAMILY?

My wife, Lindsay, and I live in North Liberty, across the street from Potato Creek State
Park (nice yard bird list as a result!) with our
dog, Cooper. I work for the Indiana Natural
Heritage Data Center, housed at the Indiana
Department of Natural Resources - Division
of Nature Preserves as the heritage program
botanist. That means that my spring through
fall "office" is "Interstate Indiana"... I monitor rare
plants and natural communities across the state.



Since 1998, I've been working outside, first in Missouri, then in Indiana. My focus has always been plants, but it's impossible not to notice the other wonders of nature. One of my former coworkers was interested in birds and taught me a few as we were monitoring mitigation wetlands together in the early 2000s. He eventually moved to Florida and Lindsay met up with them for a week while I was botanizing with coworkers in the Everglades. The next week, I joined them and we went to J.N. "Ding" Darling National Wildlife Refuge. As it turned out, Lindsay learned a lot of birds in Florida, and I quickly found out that I didn't know an Anhinga from a cormorant! Not to be outdone, I became somewhat obsessed starting that day with learning birds. I guickly ran into a problem, though. I found that I was always looking down at plants, so I didn't see any birds. But I have ears, and I know how to use them. I bought the Stokes Field Guide to Birds three CD (yeah, CD) set and listened to the CDs every day on my way to and from work so that I could learn to identify birds that way. I knew all of the warbler songs before I had any clue what they looked like. This was an invaluable tool in my process of becoming a birder.

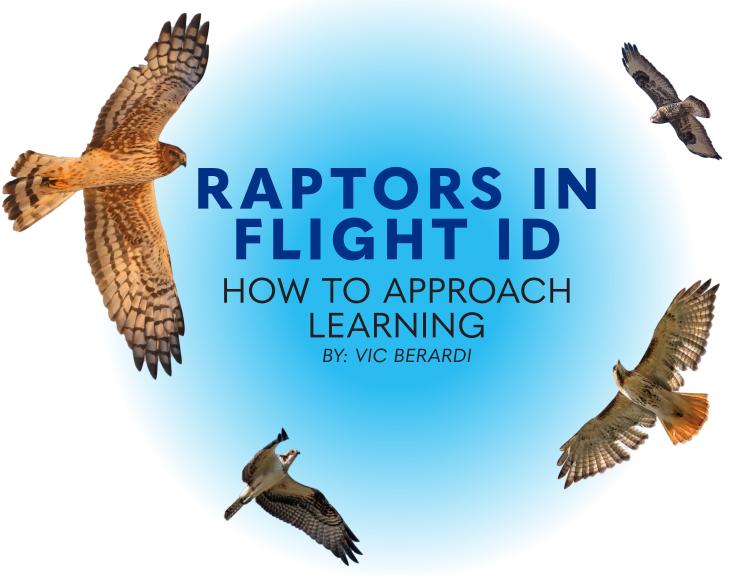
DO YOU HAVE A FAVORITE BIRD OR GROUP OF BIRDS?

It's hard to pick favorites, but I think my favorite group of birds would be the warblers. As I mentioned, I learned them by song before I knew what they looked like, and when I put together field characters with songs, I was amazed at the visual and auditory beauty and diversity of this group of birds.



YOU RECENTLY CO-AUTHORED THE BOOK
"WILDFLOWERS OF THE INDIANA DUNES NATIONAL
PARK." WHAT WAS THAT EXPERIENCE LIKE AND WHAT
HAS BEEN THE GENERAL RESPONSE?

I actually just co-authored two books... Wildflowers of the Indiana Dunes National Park, and Wildflowers of the Midwest. Michael Homoya asked me to co-author Wildflowers of the Midwest with him, and I couldn't turn down an opportunity to write a book with one of my botanical heroes. A couple of weeks later, Nathanael Pilla called and said he was going to write Wildflowers of the Indiana Dunes National Park and asked if I'd help. I initially said no, because I'd just agreed to write another book. But Nathanael is persistent, and with the Indiana Dunes just becoming a National Park, and one that lacked a good wildflower guide, it seemed like an important endeavor to help with a book for a region an hour from my house. So I agreed, and spent the next couple of years on weekends and evenings co-authoring two books. The response has been fantastic. We didn't just put together a standard wildflower identification guide for the Dunes. Our book has that aspect, but also includes information on why the plants are named the way they are, how birds and insects interact with the plants, how the plants were used historically, and other interesting tidbits, produced in an often humorous and memorable manner. We expect that the owner of this guide will be able to take it in the field with them to help identify the wildflowers they're seeing along the trails through the National Park (it's applicable outside of this region as well!) and we hope that they can also enjoy an entertaining read about the flora on a rainy or snowy day.



This fall, thousands of raptors will be migrating across our skies. While out birding on a beautiful October day, you may see a fellow birder move his or her binoculars upward and into that deep blue sky. They are fixed on something but aren't saying anything. You can barely see what they are looking at - you guess maybe a hawk, and maybe a Red-tailed Hawk. But after a moment or so, they call it out as a juvenile Red-shouldered Hawk! Whoa, really? Something about that intrigues you and you ask, "How did you do that?" Your fellow birder replies, "Do what?"

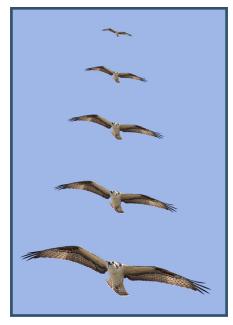
That's where the love of hawk watching begins for many birders. It did for me on a trip to Hawk Ridge in Duluth, MN many years ago in the fall of 1996. I was a pretty avid birder and kept several lists - state, county, etc. I went to Hawk Ridge on a whim to see migrating raptors. At the end of the first day, after being there for about two hours, I was ecstatic that I saw a total of 30 raptors that I could identify. However the raptor counter there just updated the site's white board and in the same time I counted 30, he counted 150! No way, I said to myself. So the next morning I decided to watch him instead of looking for raptors in the sky. After all these years, I still have it in my mind what he did next. He looked into what appeared to me to be a blank sky and then turned around and wrote something down. He did this a few more times. Then I got closer to him and looked in the direction he was looking and I saw a speck. Yeah, a speck. But as a friend of mine once said, "It's a speck with wings!" From that moment on, I was hooked into the art - yes, the art - of hawk watching.

So where do we start the process of learning how to identify raptors in flight, and more importantly at great distances? Why great distances? Because at most hawk watch sites - places where migrating raptors concentrate in greater numbers - most of the raptors that are counted are seen at a distance. The problem of identification at distance differs considerably from identification at close range. The main problem is that seeing a raptor relatively close-up uses characteristics that you can easily identify by referencing a bird guidebook. Raptors seen at long range present a different challenge.

#### Have a look at this composite >>>>>>>>>>>

What do you see? Chances are you immediately focused on the bottom image and easily concluded this is an Osprey. And you would be absolutely correct. In the bottom image, we can clearly see all the markings we need to identify this bird, like the long bowed wings and the distinctive underwing markings, just like the guidebooks show and state. But what about the top image? It becomes more difficult to see the underwing markings and other plumage details, however, the long wings with their bowed appearance stand out even more. At even greater distances, things like flight style become even more important. An experienced hawk watcher can easily call out an Osprey at unbelievable distances! So, is this skill or an art? I choose the latter because there is more intuitive reasoning required for distant raptors.

How do we learn or acquire this "intuitive reasoning"? The answer is actually very simple - lots of time in the field, especially with an experienced hawk watcher. You see, learning how to ID something in a blue sky, or a gray sky for that matter, requires experience and repetitive familiarity. Even though it is very important to study the guidebooks, no one can learn this solely by reading descriptions or looking at illustrations. I once likened learning raptor identification to the



experience of identifying a friend or a family member at a graduation ceremony where everyone is pretty much dressed the same with the same overall appearance. Why is it that you can easily recognize the person you know? Simple - there's something unique or familiar about that person that you can't exactly explain to someone else. Identifying distant raptors whether on the horizon or directly overhead requires that familiarity that only comes through time in the field and practice over and over again. Having a knowledgeable and experienced hawk watcher nearby helps.

Where do we begin this journey of learning how to identify raptors in flight and at a distance? You can first go to a known hawk watch site where hopefully there will be a few knowledgeable people to help you. But many of us don't live close to such places, so we can begin by scanning the skies looking for anything that's flying. Yes, learning to tell the difference between a crow and a raptor is important. One of the things I learned early on is that "crows row and raptors flap," and that is something that can be seen at great distances. When you spot a bird in the sky that you can't identify, and hopefully coming toward you, stay with it until you can see markings you are familiar with and can then identify it. Why this process? Because you're seeing different things and registering them in your mind as the bird is first seen far and then much closer. When it comes closer your identification is confirmed. Remember, most raptors won't come close, so the distant ID learning is important. At a distance, your mind will concentrate on motion and overall shape. Markings will be almost impossible to see. As a result, the next time you see this same species, hopefully the motion and shape elements will provide that familiarity I mentioned. In other words, learn every aspect as possible on every bird you see, both raptors and non-raptors. You'll be surprised in a short matter of time how you'll be able to discern a distant approaching Osprey from a gull.

A few other items that are important are having a good pair of binoculars that you can hold steady for long time periods, and studying a few of the raptor-specific guidebooks available, especially Hawks From Every Angle: How To Identify Raptors In Flight and Hawks At A Distance: Identification Of Migrant Raptors, both by Jerry Liguori, who was regarded as the foremost raptor identification expert in North America.

Hawk watch sites nearest to northern Indiana are the Detroit River Hawk Watch near Detroit, MI, and the Illinois Beach State Park Hawk Watch near Zion, IL. Both of these are full-time fall sites. Information on location and raptors seen at both of these sites can be found at hawkcount.org. As for Indiana, the Dunes are can be great in the spring and fall migration.

Remember, not every raptor you see can be identified. While it can be humbling at times, flight identification of raptors requires patience, familiarity and enthusiasm. The "art" part I mentioned earlier is the reward in this process. Being able to discern something from just a few characteristics will make you more and more confident at identification.

Vic Berardi is the founder of the all-volunteer Illinois Beach State Park Hawk Watch which has conducted twenty-two complete seasons of full time hawk migration monitoring which began in the fall of the year 2000. Vic is currently serving on the Board of Directors for the Hawk Migration Association of North America (HMANA). In 2014 he was the recipient of HMANA's Appreciation Award for his outstanding service to further hawk migration studies and conservation. He has also been awarded the Service to Chicago Area Birders by the Chicago Audubon Society and the Grassroots Conservation Leadership Award for his leadership in raptor education and research. Vic also finds time to write articles on hawk watching give hawk identification seminars, and photograph raptors and other natural spectacles.

# What Can BIRLS Tell Us About The STATE OF OUR LAND?

Although certain bird species are widely considered heralds of spring, many also serve as important indicators of ecosystem health. The presence or absence of certain species can be demonstrative of how well an ecosystem is functioning.

Many bird species are extremely sensitive to habitat changes. Therefore, it's no wonder that birds have long been considered important environmental monitors, and more specifically, sentinel species - recall the famous "canary in a coal mine." Just as miners used canaries for early detection of carbon monoxide and noxious gases, bird populations throughout the state are providing early detection of environmental pollution and deteriorating habitats. In that same vein, the thriving and/or returning of certain bird populations often indicates successful habitat restoration and land management efforts.

A modern example of the significance of bird species as indicators can be seen along the Grand Calumet River. The Grand Calumet River is one of 43 Areas of Concern under the Great Lakes Water Quality Agreement of 1987 due to legacy pollutants. After years of restoration work, one can now observe Bald Eagles, Trumpeter Swans, cormorants, and Hooded Mergansers - birds that rely on clean water and healthy ecosystems. The Grand Calumet River, like many of Indiana's waterways, is being restored and cared for through partnerships with nonprofit land trusts.

Indiana Land Protection Alliance (ILPA) is a nonpartisan network of land trusts, conservation partners, and community members championing land and water protection for all of Indiana – people, plants, and animals. Collectively, Indiana's land trusts serve all 92 counties and protect more than 158,000 acres. They preserve Hoosier landscapes and restore the important habitats and ecosystems that Indiana's flora and fauna, especially our feathered friends, need to survive.

Indiana's land trusts recognize the important impact of their work on bird populations. Many rely on informal bird assessments when visiting a site for the first time. This data may help inform the level of disturbance or habitat

degradation. Similarly, bird counts may help land trusts determine whether a restoration project has been successful. For example, one land trust recently questioned whether a planted grassland is serving its ultimate function if grassland birds such as Dickeissels fail to return.

Land trusts are increasingly making data-informed decisions about restoration and land management. Thus, assessments from bird counts and bio-surveys are extremely important. The ILPA relies on partnerships with community experts like Indiana Audubon and local Audubon Society chapters for help.

On Saturday, October 8, ILPA is partnering with Indiana Audubon, land trust members, and local Audubon chapters to host its first-ever statewide October Big Day event. Expert bird guides will lead birding hikes at 15 different nature preserves and natural areas throughout the state, owned and managed by 13 different nonprofit land trusts. Participating land trusts include: Red-tail Land Conservancy, Ouabache Land Conservancy, Indiana Karst Conservancy, ACRES Land Trust, Central Indiana Land Trust, Little River Wetlands Project, LC Nature Park, Shirley Heinze Land Trust, Mud Creek Conservancy, Clear Lake Township Land Conservancy, Sycamore Land Trust, Oxbow, Inc., and Oak Heritage Conservancy.

Register now for one of the free guided hikes at **WWW.INDIANAAUDUBON.ORG/EVENTS** 





HUMANE INDIANA
WILDLIFE RECEIVES IAS
GRANT FUNDS FOR SUPPORT

By: Nicole Harmon

Humane Indiana Wildlife Rehabilitation and Education
Center (HIW), in Valparaiso, Indiana, is one of the largest
and most experienced wildlife rehabilitation centers in the
state. Humane Indiana Wildlife provides medical care to injured or
orphaned birds, mammals, reptiles, and amphibians covering 26 counties.

Since its inception in 2014, HIW has admitted over 11,000 animals for care or medical treatment and provided preventative treatment to 30,000 wildlife. HIW also provides education reaching 15,000 people a year through camps, school presentations, events, and seminars.

Animals can come into treatment at Humane Indiana Wildlife for many reasons – becoming orphaned due to weather events and climate change, nest destruction caused by human expansion or predators, animals hit by vehicles, attacks from domestic pets, striking windows or buildings, and poisoning.

Despite the severity of the injuries, Humane Indiana Wildlife returns to the wild 57% of animals in their care! This is an incredible success rate compared to the national average of 35%.

To continue improving the quality of care for wildlife patients, Humane Indiana Wildlife needed an oxygen chamber. Animals rescued from stressful situations can have severe respiratory distress. Even the process of rescuing a wild animal can cause respiratory problems.

Studies have shown that increasing the oxygen concentration in an animal's blood, specifically for animals that sustain neurological trauma, more than doubles their chance of survival. Oral medications like anti-inflammatories are often not enough. The use of an oxygenator and corresponding chamber reduces cerebral edema, decreases intracranial pressure, repairs damaged brain tissues, assists in regaining cognitive or motor functions, minimizes oxidative stress, and reduces the blood-brain barrier breakdown.



HIW Oxygen Chamber

Wildlife patients who receive oxygen chamber therapy improve at a rate four times faster than those without it.

Just in the last 3 years, more than 1,800 of the bird patients at Humane Indiana Wildlife would have benefitted from this therapy.

And with Humane Indiana's impact growing by 10% every season, the need for more advanced medical care equipment is essential to help native birds heal and be released back into the wild.

As a recipient of Indiana Audubon Society's Mumford and Keller grant in 2021, Humane Indiana Wildlife purchased an oxygen concentrator and facemasks to help birds in respiratory distress heal so they can be returned to the wild. This has helped birds like the Tennessee Warbler, Baltimore Oriole, Swanson's Thrush, and Hermit Thrush admitted during migration season after striking the sides of buildings or windows. We also treated American Robins who were victims of cat attacks.

More than 75% of the birds Humane Indiana Wildlife treated with the oxygenator have survived and been able to return to the wild! Our most memorable release being a Gold Crowned Kinglet that had struck the side of one of the art buildings at Valparaiso University and was moderately concussed. The bird was found and rescued by several nursing students who quickly rushed the bird into our care. After spending the night in the oxygenator, it was ready to be released the following day. We are grateful for the generous contribution by the Indiana Audubon Society's Mumford and Keller grant to assist in our continued care of injured and orphaned wildlife native to Indiana.

To learn more about Humane Indiana Wildlife and our upcoming events, visit HUMANEINDIANA.ORG





#### FOLLOW INDIANA AUDUBON ON SOCIAL MEDIA!







