



Winter Bird Feeding Makes a Difference

By Brian Cunningham

Why do we feed the birds? There are probably as many different answers as there are people that feed the birds. Being in the bird feeding world as I am, I hear a lot of answers that range from “I feed because it relaxes me” all the way to “Birds will starve if you don’t help them.”

The truth is that birds have been feeding themselves just fine for a long time. But, there are times when they can benefit from a reliable, quality source of supplemental foods. Winter is one of these times.

Typically, your feeders serve as a supplemental source of food for birds in your yard. In contrast, during periods of cold and severe winter weather, your birds may switch to utilizing feeders as the critical source of food that enables them to survive from day to day.

Normally, birds that come to feeders obtain only about 20% of their daily calories from our feeders, with the rest being obtained naturally. However, the story changes dramatically during periods of cold temperatures. One study in Wisconsin showed that when the temperature drops below 10° F, chickadees without access to feeders had twice the mortality rate than their feeder-using counterparts.

Freezing temperatures are only one factor that birds must overcome in order to survive winter. Wind, storms and wet weather can also rob birds of their ability to stay warm, even at moderate temperatures.

The most often overlooked winter survival challenge for birds is having to endure the long period of darkness during a winter night. Depending on its location, a small songbird must sustain itself through 13-15 hours of darkness by utilizing only its own fat reserves for fuel.

In fact, fat is the most concentrated energy source that a bird can consume. They are able to deposit stored fat almost directly from what they eat (i.e. minimal processing). They are also able to utilize that stored body fat very quickly and efficiently.

Stored body fat is the primary energy supply that fuels a bird between meals and through these long winter nights. Their daily challenge is to find enough food to not only make it through each day, but to also replace their fat reserves for the coming night — all in the course of limited daylight hours.

Songbirds may use up 75-80% of their fat reserves in one winter night. This is equivalent to 10% of their body weight being shed and replaced every day as they consume, store and utilize their body fat. This is comparable to a 200 lb person losing and then gaining back 20 lbs of fat every 24 hours!

Fat from natural foods can be found in some seeds, tree nuts, waxy fruits and even animal carcasses. In backyard feeder offerings it can come from suet, sunflower seeds, safflower seeds, tree nuts, peanuts and thistle.

A reliable, quality source of supplemental high fat foods are a critical necessity that you can provide your birds to help them survive the long winter nights or whatever else winter throws at them.

One can’t deny that on those cold, winter days, it certainly gives us pleasure to see beautiful songbirds to show up at our feeders. Especially when we are watching birds from the comfort of our own home.



Backyard birds visiting feeders. Photo courtesy of Brian Cunningham.

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Bookmark smile.amazon.com to make it even easier to return and start your shopping at AmazonSmile. Let your shopping be not just for your family and friends, but also for the birds of Central Indiana, like the Cerulean Warbler.

Upcoming Audubon Programs, Events, and Field Trips

All are free and open to the public unless otherwise noted.

Coffee: A History and Conservation

Wednesday, November 14, 7:30 to 9:00 p.m.
Holliday Park Nature Center, 6363 Spring Mill Road, Indianapolis, IN

Jessica Helmbold, ABAS Education Chair, loves coffee. Most people love coffee, though are most people as obsessed with coffee as she is? Jessica presents the history of coffee, and how to select and brew the best coffees. Working at Indy Park's Garfield Park Conservatory gives her a chance to show visitors coffee trees and teach visitors about conservation. Clearing land for the production of staple crops such as bananas, pineapples, and coffee is one of the biggest threats to our rainforests. Coffee can grow in harmony with the rainforest, if we demand it. We can vote with our dollars to support conservation through the kind of coffee we buy. Learn how the small choices we make can make a difference. We will also sample different varieties of Rainforest Alliance coffees. Join us!



Program host Jessica Helmbold

Bird Photography: Beyond the Snapshot

Tuesday, December 11, 7:30 to 9:00 p.m.
Holliday Park Nature Center
6363 Spring Mill Road, Indianapolis, IN

Join well-known local birder and photographer, Ryan Sanderson, for an informative program on photographing birds. He will take us to the next steps, and show us how to go beyond just taking snapshots to something you might hang on your wall.



American Crow portrait. Photo courtesy of Ryan Sanderson.

Goose Pond Area Raptor Field Trip

Saturday, December 8, 10 a.m. to 8:00 p.m.
Meet at Kroger: 1930 East Main Street Plainfield, IN

Join Scott Enochs as he leads you to Greene County in search of migrating and wintering raptors. Goose Pond, and surrounding areas in Greene County, have become a prime wintering area and migratory stop-over for raptors such as Northern Harrier, Rough-legged Hawk, Merlin, Golden Eagle, and Short-eared Owl. The event will take place on Saturday, December 8, 2018. Meet at the Kroger located at 1930 East Main Street in Plainfield at 10:00 a.m. and carpool to Goose Pond. We plan to stop for lunch at the McDonald's in Linton before we begin searching Greene County for birds.

We will spend the afternoon and evening trying to find as many birds of prey as possible. We will remain in the area through sunset in hopes of seeing Short-eared Owls emerge from their daytime roost. Participants can expect to spend a lot of time driving in their vehicles until we find a raptor to study.

The event is free and open to the public. Registration is not required, but is greatly appreciated. Please contact Scott at (317) 850-4801 or msenochs@comcast.net if you have any questions.



*Short-eared Owl courtesy of Scott Enochs.
Rough-legged Hawk courtesy of Amy Hodson.*

Upcoming Christmas Bird Counts

108th Indianapolis CBC

Saturday, December 15

Pre-register to determine meeting location

Whether you are a first-time birdwatcher or an experienced pro, your help is needed during the 119th annual National Audubon Society's Christmas Bird Count (CBC). This will be the 108th anniversary of the Indianapolis CBC, which was first held in December 1910.

Nationwide, more than 2,000 CBCs are conducted during the holiday season. National Audubon and other organizations use the data collected in this longest running wildlife census to assess the health of bird populations and to help guide conservation actions. General information about the National Audubon Society and the Annual Christmas Bird Count can be found at www.audubon.org/conservation/join-christmas-bird-count

The Indianapolis CBC, sponsored by the ABAS, takes place within a 15-mile-diameter circle covering the northeast side of Indianapolis, with the center point being in Fort Harrison State Park.

If you are a beginning birder, you will be able to join a group that includes at least one experienced birdwatcher. In addition, if your home is within the boundaries of the Count Circle, you can stay home and report the birds that visit your bird feeders.

The most exciting news is that CBC is a free program! To participate, please register prior to December 12 so that birding teams and count plans can be made in advance of the count. Register to participate by calling John Schaust at (317) 208-4021 or emailing schaust@gmail.com.

Our birding teams will gather for lunch at a nearby restaurant to tally our morning count total. If needed teams may cover additional areas after lunch.

Greenfield Birders 2nd Annual CBC

Saturday, December 15, 7:00 a.m. to 1:00 p.m.

Meet at Jack's Donuts

1522 North State Street, Greenfield, IN

Join the Greenfield Birders for a day birding in and around Greenfield. We are participating in the 118th National Christmas Bird Count (CBC) in which we will tally every individual bird we find within our assigned region. Don't worry if you can only come for a couple of hours, or even just watch your feeders from home. All levels of involvement and skill are welcome. There will be driving and hiking involved if you participate in the field, so dress for the weather.

We will meet at 7:00 a.m. at Jack's Donuts on Highway 9 in Greenfield where breakfast will be provided. Here we will split up into groups to cover more ground and ensure our teams are prepared. If you have questions or wish to sign-up to be part of the Greenfield Birders CBC, please contact Adam Wilson at NikonBirdHunter@gmail.com or contact Adam on Facebook.

Eagle Creek Valley CBC

Sunday, December 16, 8:00 a.m. to 1:00 p.m.

**Meet at the Eagle Creek Ornithology Center
6515 Delong Road, Indianapolis, IN**

The Eagle Creek Valley Christmas Bird Count, sponsored by ABAS, takes place within a 15-mile-diameter circle covering the northwest side of Indianapolis, with the center being in Eagle Creek Park.

If you are a beginning birder, you will be able to join a group that includes at least one experienced birdwatcher. In addition, if your home is within the boundaries of the count circle, you can report the birds that visit your feeder once you have arranged to do so with the Count Compiler.

Meet at the Ornithology Center to pick up an information packet for your assigned area before heading out to bird. The Ornithology Center will open at 8:00 a.m. A pitch-in lunch for all participants will be held at the Ornithology Center at noon to tally our bird count and to reorganize groups to head back outside to cover additional areas if needed.

To participate please register prior to December 9 so birding teams can be formed and count plans made in advance. Reserve your spot by contacting Will Schaust at (317) 327-2473, or emailing him at william.schaust@indy.gov.

118th Hamilton County CBC

Saturday, December 29, 8:00 a.m. to 1:00 p.m.

Cool Creek Nature Center

2000 East 151st Street, Carmel, IN

Celebrate the holidays by helping the National Audubon Society conduct the 118th annual Christmas Bird Count. Join other bird-watchers for a morning of hiking and birding. Lunch for participants will be provided by the Hamilton County Parks and Recreation Department at the Cool Creek Nature Center. Registration is required. To register or receive more details, call the Cool Creek Nature Center at (317) 774-2500, or email cool.naturecenter@hamiltoncounty.in.gov.

Meet at the Cool Creek Nature Center or go directly to your assigned area.

Jamestown CBC

Saturday, December 29, 8:30 a.m. to 12:00 p.m.

McCloud Park Nature Center

8518 Hughes Road, North Salem, IN

For this Christmas Bird Count meet at McCloud Nature Park, located southwest of North Salem in Hendricks County, at 8:30 a.m. A link with map to the park is at <http://www.hendrickscountyparks.org/our-parks/mccloud-nature-park/>.

The group will meet for lunch in North Salem, and whoever wishes to continue after lunch is welcome to join Roger in the afternoon.

There is no need to register in advance. If you have questions, contact Roger Hedge at (317) 473-3222 (cell) or rhedge@dnr.in.gov.

Local Bird Hikes

Cool Creek Park Beginning Bird Hikes

2000 East 151st Street, Carmel, IN
Most Sundays and Wednesdays 9:00 to 10:00 a.m.
November 11, 14, 18, 21, 28
December 2, 12, 16, 19, 26, 30

Meet in the parking lot at the bottom of the road by Cool Creek, past the Nature Center. For more information, call (317) 774-2500 or visit myhamiltoncountyparks.com.

Eagle Creek Park

6515 Delong Road, Indianapolis, IN
Every Sunday 9:00 to 11:00 a.m.
November 4, 11, 18, 25
December 2, 9, 16, 23, 30

Meet in front of the Ornithology Center.

Holliday Park

6363 Spring Mill Road, Indianapolis, IN
The third Tuesday of the month 8:30 to 10:00 a.m.
November 20, December 18

Meet at the Holliday Park Nature Center

Strawtown Koteewi Park

12308 Strawtown Avenue, Noblesville, IN
Wednesday, December 5, 9:00 to 10:00 a.m.

Meet at the Taylor Center of Natural History. For more information, call (317) 774-2574 or visit myhamiltoncountyparks.com.

Nina Mason Pulliam EcoLab

3200 Cold Spring Road, Indianapolis, IN
Wednesdays, November 7, 14, 28, 8:00 to 10:00 a.m.
(no hike Thanksgiving week)

Meet near the entrance to Allison Mansion

Donations

*From Hilda Fry
in memory of Betty Sprowl*

ABAS Logo Gear

We have an account with local apparel company, Concept Prints, to provide embroidered logo gear for our members and events. Ordering is easy. Simply visit conceptprints.com and click the "Featured Catalogues" link to browse the wide variety of apparel offered. For pricing details, questions, or to place an order, email our account manager, Shiron Miller, at shiron@conceptprints.com. Orders usually arrive within two weeks and can be paid for when received.



A Natural Partnership: Amos Butler Audubon Society and Central Indiana Land Trust

By Cliff Chapman

Executive Director of Central Indiana Land Trust

One of the key elements for success of any not-for-profit organization is building strong partnerships. For the Central Indiana Land Trust, one of our longest and best partners is ABAS. Of any organization in Central Indiana, we probably also share the most members between our two organizations. The reason for that is very simple.

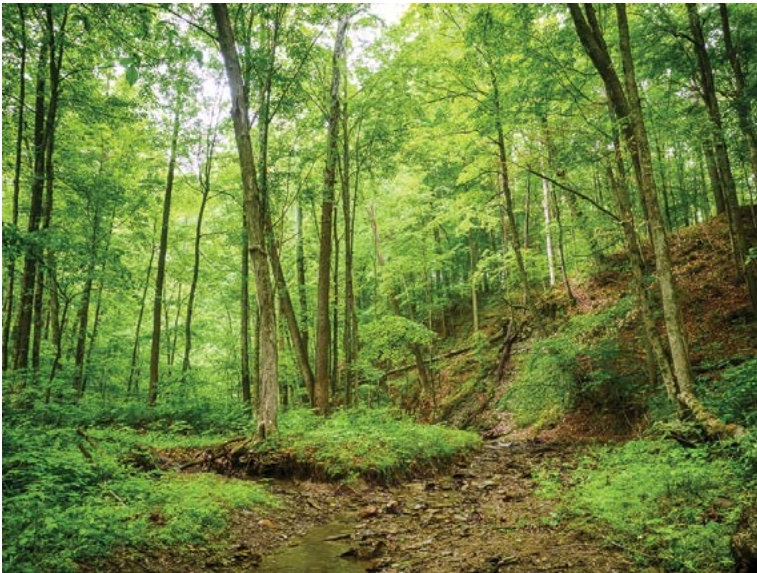
Both groups are concerned about nature. While ABAS focuses on bird conservation and education, Central Indiana Land Trust focuses on protecting natural areas, all of which are home to native birds.

Although we have partnered together for many years, more recently our missions have found even more alignment. In 2009, the land trust completed a conservation plan that had a targeted approach to conservation. One of the targets is forest interior habitat, which mainly addresses the needs of neo-tropical migrant birds that require large blocks of forest to nest successfully.

As ABAS members know, edge effect is devastating to many of our native forest-dwelling birds. Brown-headed cowbirds are perhaps the leading threat with nest parasitism, but nest predators like raccoons cannot be overlooked. Raccoons don't really like venturing into a forest interior and are more frequently found at the edge. Our solution is to find and protect blocks of forest large enough to allow birds to nest safely away from edges.

ABAS has supported this goal in a big way. At the Hills of Gold Conservation Area, Central Indiana Land Trust has completed five different land transactions, protecting nearly 700 acres. Most of it is high-quality forest supporting large populations of forest interior birds. On a recent bird count, 100 red-eyed vireos were heard singing on territory with large numbers of other species like Wood Thrush, Acadian Flycatcher, Eastern-wood Pewee, Ovenbird, Kentucky Warbler and Scarlet Tanager.

What intrigued land trust staff from early visits was the preponderance of Worm-eating Warblers. Standing on a ridge one can hear three different males defending small territories. This is an indication of rich habitat; some birds will defend smaller territories if there is ample food and other beneficial environmental factors. By protecting high-quality



habitat like this in large blocks, we can protect more birds for the same cost.

ABAS stepped up in a big way, helping protect land in the Hills of Gold area through the protection of both the Laura Hare Preserve at Blossom Hollow and Glacier's End Nature Preserve. For Glacier's End, Amos Butler celebrated its 75th anniversary with a \$75,000 grant toward acquiring this \$1,200,000 property.

When groups collaborate like this, everybody wins—especially birds who make Central Indiana their home.

Glacier's End photo courtesy of Cliff Chapman

Upcoming Events with the Central Indiana Land Trust

Volunteer Day at Glacier's End

Wednesday November 7, 10:00 a.m. to 12:00 p.m.
2960 County Road 750 South, Trafalgar, IN

Join the Central Indiana Land Trust (CILTI) at Glacier's End. We will work to remove invasive species at this beautiful Johnson County property.

Bring work gloves if you have them, and wear boots and long pants. If you don't have gloves, CILTI will provide some. Please dress for the weather as we will work rain or shine.

Registrations is required. Register at CILTI's event page. Contact CILTI at info@conservingindiana.org for any questions.

Glacier's End is not open to the public yet, so there is no parking lot. The supplied address is for the property across the street. Meet at the hay field beside Split Acre Farms. Look for the brown barn. Additional details of where to meet will be supplied in a confirmation email once you register.

Volunteer Day at Meltzer Woods

Wednesday November 14, 10:00 a.m. to 12:00 p.m.

1522 South 600 East, Shelbyville, IN

Join the CILTI at Meltzer Woods as they work on invasive species control to protect this old growth forest in Shelbyville.

Bring work gloves if you have them, and wear boots and long pants. If you don't have gloves, CILTI will provide some. Please dress for the weather as we will work rain or shine.

Registrations is required. Register at CILTI's event page. Contact CILTI at info@conservingindiana.org for any questions.

Please meet staff in the parking lot on the east side of 1522 South County Road 660 East.

Thanksgiving Weekend Hike at Mossy Point

Friday November 23, 1:00 p.m. to 3:00 p.m.
2732 Danforth Place, Bloomington, IN

Walk off your turkey and stuffing with CILTI as executive director Cliff Chapman leads us on a hike through this stunning Parke County nature preserve. Mossy Point's dramatic high ridges offer views of beautiful Sugar Creek, where bald eagles often roost in winter months. Cliff is a former member of the ABAS board and served as our conservation chair.

This is a moderate hike with some slopes and hills. Participants should wear sturdy shoes for hiking on some slopes. Conditions may be muddy or wet.

Space is limited for this hike, so please register. Register at CILTI's event page. Contact CILTI at info@conservingindiana.org for any questions or to be put on the waiting list if spaces are full.

Hike at Meltzer Woods

Saturday December 1, 10:00 a.m. to 12:00 p.m.
1522 South 600 East, Shelbyville, IN

Join us for a guided hike through the always compelling Meltzer Woods. CILTI's stewardship specialist Joanna Woodruff will lead participants through this beautiful old growth forest just outside of Shelbyville. We will work on our bark identification and have some fun while learning about the trees at this nature preserve. This is an easy hike over level ground.

Space is limited for this hike, so please register. Contact us at info@conservingindiana.org for any questions or to be put on the waiting list if spaces are full.

Staff tip: Looking for lunch after the hike? The CILTI team likes to stop at the Cow Palace in Shelbyville.

Helping Children Discover the World of Birding

By Jessica Helmbold

It seems that children today are more plugged into technology than the outdoors. It may seem hard to connect children with birding or nature when video games, online videos and TV capture their attention. One child in Richard Louv's "Last Child in the Woods" is quoted as saying "I like to be indoors, because that is where all the electrical outlets are." However, the benefits of introducing your children, grandchildren or even neighborhood children to birding and the outdoors is far greater than you might imagine. It may take some time, but eventually spending time outdoors or birding will offer something amazing for a child's well-being and soul that indoor electronics-based activity cannot.

Introducing a child to nature

How does one start to introduce a child to nature, and more specifically, to birding? It doesn't take an expert birder to connect with a child. Sometimes, it even requires that an expert birder, not flaunt his or her expertise when working with children. Keep things simple. If a child is having a connection with nature that has nothing to do with birding at all, that's okay. Giving them the chance to explore the outdoors in whatever way they find best is a great place to start. Too many kids don't get enough time outside on a regular basis.

The best place to start is in the backyard. Survey your backyard or theirs and see what is already there. I have a small backyard and currently no bird feeder, but I have already noticed plenty of birds in my backyard. Mostly from the numerous trees that I have. I love observing bird behavior and wondering what the birds are doing or thinking. Is that a male Cardinal bringing a snack to his girlfriend as a sign of their commitment to each other? Does the Blue Jay squawk at me when I get too close to his coveted cherries? These are things that spark my interest and it doesn't even take binoculars to make these observations.

If it is late fall and food sources for year round birds are becoming scarce, that would be the perfect time to put up a bird feeder. In summer you might want to put up a hummingbird feeder. Then you can sit back and watch the birds come to the feeder. You can make observations with your children about what you think the birds are doing. Filling the feeders can even be a fun activity for a child. It gives them a sense of responsibility. They can also see how long after the feeder is filled the birds return to it. Who's the hungriest, the chickadees or the goldfinches?

Want to move away from your yard?

Explore a neighborhood park. Not all neighborhood parks are designed as nature parks, but they certainly all provide opportunities for birding. There's always some wildlife habitat in a park, even if it is partially manmade. Even rare species can pop up in neighborhood parks. Once a friend told me about Sandhill Crane sightings at her local Walgreens. You never know where rare birds will show up. Teaching kids about rare species makes birding even more



Young birders enjoying an outing.

fun. It's like looking for treasure. The idea is that you don't need to go far to find a great birding location.

Incorporating technology

If you want to incorporate technology as a way of connecting with your future young birder, you can introduce them to eBird. They can post their sightings; see how they rank among other local birders for number of species found; see where rare birds have been spotted in their neighborhood and so much more. Once you post a list, it becomes addictive. The more you post, the more data you add to your statistics, as well as your neighborhood and state. Being part of a citizen science project like this is great for kids. It gives them ownership and shows them that the data they collect are very important for science. Even though their part might be small, it makes a big difference.

A good field guide is also helpful when learning birds. *Peterson's First Guide to Birds* or *Birds of Indiana* by Stan Tekiela is a good place to start. You don't need to overwhelm them with birds to learn, just a good selection of the most common ones. The Audubon Birds, Merlin Bird ID and iBird Pro apps for tablets are also useful. They even have helpful keys to help you narrow down your sightings. If you want suggestions on other fun bird activities to do pick up a copy of *Take a Backyard Bird Walk* from a library or a bookstore.

And of course there are binoculars. For a child, their first pair of binoculars need not be the best. For preschoolers, just the act of wearing the binoculars is often enough. For school age children a basic pair of binoculars from Acorn Naturalist or Nature Watch is a good place to start. Those sites can also offer suggestions for binoculars to look for on Amazon. Once your children have binoculars, start with easy to spot birds like bright red cardinals, giant black crows or bright goldfinches. The common birds often fascinate kids as much as the rare ones. Imagine, some children having no idea what a cardinal is, so when they see one for the first time, it is often a wonderful experience. Once your young birder becomes more knowledgeable, move onto harder birds to spot such as drab brown sparrows or tiny warblers fluttering away in high up tree branches. This might also be

a good time to invest in a better pair of binoculars. Maybe a pair they will use long into their adult lives.

Share your love of birding

Inspiring the next generation of birders does not have to be a monumental task. Take them outside, show them a bird, sit and watch it for a while. If they stop watching, that's ok, let them explore nature however it suits them. Maybe they will find a box turtle or a colorful caterpillar instead. They will have had a rewarding experience nonetheless. These children are the future of birding and bird conservation. If you love birding, share it with someone young today!

If you are looking for a good place to start, bring your child to the Christmas Bird Count for Kids at Zion Nature Center on January 5.

Christmas Bird Count for Kids Saturday, January 5

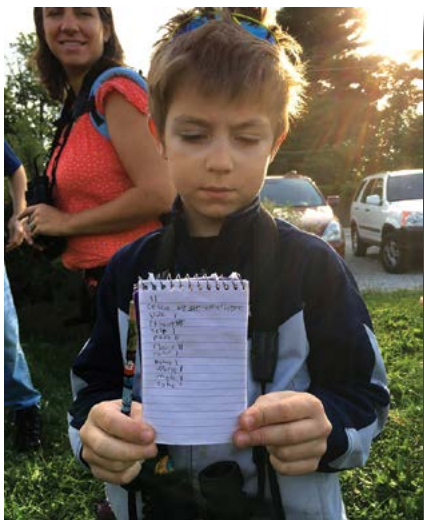
Zion Nature Center

690 Beech Street, Zionsville, IN

8:30 a.m. to 12:00 p.m.

Ages: 5 to 15 years, with adults

Whether your child is curious about the natural world, loves to go birding or has never birded before. ABAS volunteers will help your child discover birding and might light within them the curiosity for nature. This workshop is great for scouts working on badges. The free event will include a short lesson on the basics of birding; bird watching out on the trails and inside at the feeder station windows; learning how to collect data; followed by snacks and an awards ceremony. Bring binoculars or field guides if you have them. Dress for cold weather and hiking. Registration is required as space is limited. Register by emailing naturecenter@zionsville-in.gov



Young Birder Ryan Barone shows off his checklist after a bird walk at Daubenspeck Community Nature Park. Photo courtesy of Amy Hodson.

Everything eBird!

By Kirk Roth

When preparing for a birding trip, there was a time when my first stage of planning was checking the list-serve or calling the state bird hotline. And if I was travelling on vacation, my first step would be to find a guide book for all the hotspots and expected species. Now, the first thing I do is check eBird. For everything. eBird is an answer to any question regarding where and when birds can be found, and whether they are rare or common. It also serves as my checklist, my archives, my old trip lists, all my county lists, and even my life list. But beyond personal own uses for eBird as a birding tool, it also provides education, scientific data, conservation information, and opportunities for birders to participate in citizen science. In short, eBird is everything when it comes to birds.

I was a relative latecomer to eBirding in 2012, getting curious when I saw birders posting their checklists online. Indeed, eBird had been established in the United States for ten years at that point, and worldwide since 2010. eBird was created by the Cornell University Lab of Ornithology and the National Audubon Society. The central purpose is to provide an electronic database for bird abundance and distribution. As birders have long known, the time and place are critically important for any bird sighting. eBird began as a way to compile our birding experiences such that they become more than just checklists – they become data heightening our collective understanding of bird populations. eBird was inspired by Christmas Bird Counts and Breeding Bird Surveys – but through the collaboration of “normal” birders like you and me, snapshots of avian abundance are available year-round and worldwide. This is the essence of “citizen science,” allowing any birder to contribute to the greater effort of data collection and the gathering of knowledge. For obvious reasons, eBird needs birders like us to create a much stronger set of data than could be accumulated by any single research group alone.

The fruits of this massive dataset are clear when investigating the tools available at the eBird website. Even if you are not (yet) an eBird contributor, the “Explore” tab reveals features such as species maps (which can be modified by date), a library of photos and recordings contributed by birders, seasonality data for individual hotspots such as your favorite park, and much more. After creating an account, eBird will track any recorded sightings. I have a personal record of birds I've recorded in each county, state, country, and year. There are tools to let me know target species I haven't seen in any particular area, or to alert me when someone reports a bird yet unseen by me in my area of interest. If I choose, I can even get an email to let me know if a life or state bird has been reported in Indiana – within an hour of someone reporting it! Each of these tools could fill an entire article themselves with the usefulness they can provide individual birders, let alone the science and conservation knowledge that ultimately helps the birds themselves.

As I'm sure you suspected, I encourage everyone to become an eBirder and check out the website at ebird.org. If you are new to eBird, be aware that it is easy to use, and old or new checklists can be added from any computer or a phone app – you simply need to know what birds you saw, where and when. For those experienced with eBird already, I'd like you to further explore these tools – there is plenty to discover!

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- Lifetime individual membership \$500

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Mail to: ABAS Membership Chair

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Indianapolis, IN 46280

e-mail questions to: info@amosbutleraudubon.org

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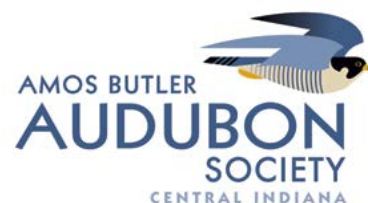
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Northern Cardinal photos courtesy of Amy Hodson



Visit our website:
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Sign up for the online LifeLines at
info@amosbutleraudubon.org

*Our mission: To promote the enjoyment and
stewardship of the birds of Central Indiana*

Amos Butler Audubon Society
P.O. Box 80024
Indianapolis, IN 46280