

Quarterly Newsletter of the Kirtland Bird Club of Northeast Ohio www.KirtlandBirdClub.org and www.ClevelandBirdCalendar.com 2023-2024 Membership Year, No. 1, Fall Issue

# Monthly Meetings

Guests are always welcome — 1<sup>st</sup> Wednesday of every month except July and August, 7:00 PM

# **KBC President's Letter**

By Patricia Kellner



Warm summer greetings to all of our KBC members - both those who are new and those who have been with KBC for a long time. The Board and I look forward to meeting new members and seeing old ones at our events this fall!

An exciting series of speaker programs awaits us all, as you'll discover reading this newsletter. The space we traditionally met in at the Cleveland Museum of Natural History is no longer available, and we are trying out other meeting locations. We'll be partnering with other organizations to hold programs in their spaces and give their members an opportunity to peek into our world of birding. Time for people to chat with each other will be included in all of our fall events.

Our usual series of monthly bird walks will continue, as will our new "pop-up bird walks" for beginners. These walks are announced a few days in advance, based on a prediction of good weather. Then, all self-identified new birders on our email list are notified of these walks Christi Carlson, our Vice President,

has led several of these walks at Wildwood Park on the lakefront and the group has seen a great variety of birds in multiple habitats during these outings. In addition, inspired by an eight-year-old birder (and her mother) who wants to bird with other kids, we hope to arrange some young birder walks. These will be aimed at kids ages 6 to 12 who have shown an interest in identifying birds and observing their behavior. I've come across three other kids over the last few months who fit the bill! If you know a young birder who might be interested, please email me at info@kirtlandbirdclub.org.

On the conservation front, we continue to engage with other community organizations and look for opportunities to promote the appreciation of birds and their place in our shared world. CHEERS, a collaboration between the Cleveland Metroparks, Ohio Department of Natural Resources, US Fish & Wildlife Services, the Northeast Ohio Regional Sewer District, and the City of Cleveland, values our input, and we've provided letters of support for grants they've applied for. The transformation of the lakefront over the next number of years will create new bird habitats, enhance the habitat that's already there, provide access to more people and, hopefully, add new folks to our birding community. The Trust for Public Land (TPL) is another organization where we've made a connection. TPL has decided part of the decision process about preserving land should be its accessibility to people and value for birds. TPL's initiative, People and Birds for Land Protection (PNB4LP) recently received a grant from the Cornell Lab of Ornithology's Land Trust Bird Conservation Grant Program. TPL invited Kirtland Bird Club of Northeast Ohio to help support the implementation of this grant with our bird knowledge, skills, and experience. We truly appreciate the opportunity to provide input during TPL's grant implementation planning. Many of our members participate in or lead programs around the area and we'll continue to highlight those activities in our newsletter and on our calendar.

Looking forward to seeing everyone this Fall and catching up - in the field, at our programs, and on our field trips. Happy to hear from you via email as well! Stay in touch!

Patty Kellner

## **Monthly Meetings**

#### SEPTEMBER MEETING

Wednesday, September 6th, 2023 at 7:00 PM

# Ornitherapy – The Impact of Birdwatching on Health & Healing

Presenter: Holly Merker

Location: The Gathering Place 23300 Commerce Park Rd, Beachwood

Registration required - see below

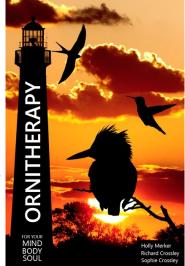


Long to-do lists, digital demands - life can be unrelentinly busy! Research shows that connecting with nature actively reduces stress, depression, and anxiety, while helping build a stronger heart and immune system. Birds are gateways into deeper experiences with nature, providing these benefits. When we allow birds and nature to slow us down, we are practicing self-care. During this program, we'll delve into our connections to birds, how to maximize the wellness benefits of birding, and learn about the latest research surrounding the impact of birds on human well-being.

Holly Merker is a long time professional birding guide, author, educator, and lecturer. More recently she has become a global advocate for the practice of Mind-

ful Birding. As author of the award-winning book, Ornitherapy: For Your Mind, Body, and Soul (along with Richard Crossley and Sophie Crossley), Holly guides readers into optimizing the wellness benefits birds provides for us. With a background in Art Therapy and as a Certified Wellness Counselor and Certified Nature and Forest Therapy Guide, Holly also weaves birds into nature-based wellness programs for people of all ages. In 2022 Holly was honored to be the recipient of the ABA Conservation and Education Award given by the American Birding Association for her work in both those areas.

In her free time, Holly spends every possible moment practicing Ornitherapy, which she credits with helping her defeat breast cancer by restoring her health mentally and physically.



Read more about Holly Merker <u>HERE</u>. Read more about The Mindful Birding Network <u>HERE</u>.

Holly's book, **Ornitherapy - for Mind, Body, and Soul**, is for sale <u>online</u> and will also be available at the meeting. Holly will sign copies of her book after the presentation.

Kirtland Bird Club of Northeast Ohio is pleased to be partnering with <u>The Gathering Place</u> for this presentation. The Gathering Place educates and empowers individuals and families currently coping with the impact of cancer in their lives through programs and services provided free of charge.

**REGISTRATION:** Space for this program is limited.

An email with details on registration went to members on August 5. Members and non-members who would like to attend, email <u>info@kirtlandbirdclub.org</u> as soon as possible.

# **Monthly Meetings (continuation)**

## **OCTOBER MEETING**

Wednesday, October 4th, 2023 at 7PM

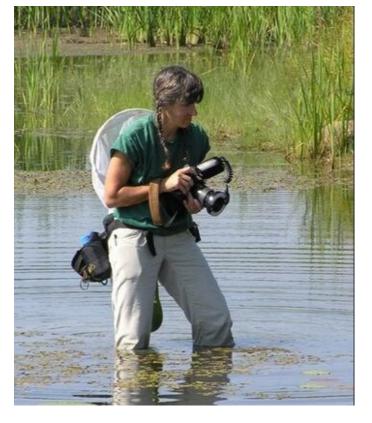
Birds, Bugs & Botany

Presenter: Judy Semroc

Location: Nature Center at Shaker Lakes 2600 South Park Boulevard, Shaker

**Heights** 

Gather at the Nature Center for our October meeting of the 2023-2024 year. Come early and walk the Nature Center's amazing trails to see what's around in the wonderful. Check out the Nature Center's resources and gift shop too!





Judy Semroc has spent more than 30 years chasing, observing, and marveling at the amazing natural history found in Ohio & other states. She is the founder of "Chrysalis in Time," the first Ohio chapter of the North American Butterfly Association (NABA). Judy also serves on the board of the Ohio Bluebird Society, the Ohio Ornithological Society (Conservation Committee) & the Ohio Biological Survey. She has coauthored two natural history guides, "Dragonflies & Damselflies of Northeast Ohio" and "Goldenrods of Northeast Ohio: A Field Guide to Identification & Natural History." As a former Petroleum Geologist and science teacher, Judy loves to learn about and share her passion for the natural world through hikes, interpretive programs, and photography. Learn more about Judy's latest adventures & offerings through her new company, Nature Spark!

Website: www.naturesparkohio.com

Email: naturesparkohio@gmail.com

Please register **HERE** for this meeting so we can plan

# Monthly Meetings (continuation)

#### **NOVEMBER MEETING**

Wednesday, November 3, 2023, 7:00 PM

Wing Beats: an Evening of Birds and Poetry

Presenter: Nicole Robinson

Location: Loganberry Books, 13015 Larchmere Blvd, Cleveland, OH



Join us for an evening of sharing poetry about birds. Nicole Robinson will lead off by reading from her recently published collection, *Without a Field Guide*. Nicole's poetry explores a wide range of subjects through an unsentimental yet deeply joyful regard for the natural world, especially birds.

Nicole will answer questions after she reads her poetry, then invite members of the audience to also share poems about birds. The poem your share can be your own original poem or someone else's that captures something about birds.

The evening will conclude with a book signing. Copies of Nicole's book will be available for sale at Loganberry Books - call them and order ahead to guarantee that you'll have a copy available for her to sign December 1st.

Nicole Robinson is the author of the book of poems, *Without a Field Guide* (Unbound Edition Press, 2023). Her poems have appeared in *Columbia Journal*, *The Fourth River*, *Great River Review*, *The Louisville Review*, *Tahoma Literary Review*, and elsewhere. She is the recipient of an Individual Excellence Award for poetry from the Ohio Arts Council, and the Humanities Award from the American Academy of Hospice and Palliative Medicine. Currently serving as the Narrative Medicine Coordinator at Akron Children's Hospital, she resides in Northeast Ohio.

Come early to browse. Loganberry has a great selection of of bird books and gifts for the holidays!

Seating is plentiful but limited. Please register **HERE** to we can be sure to save a seat for you.

# Field trips

## Sunday, September 10, 2023, 8:30 AM

#### **Cleveland Lakefront Nature Preserve**

Meet at: 8701 Lakeshore Boulevard, Cleveland Leaders: Christi Carlson & Patty Kellner



Common Yellowthroat. Photo by Anna Kozlen-

Meet at the north end of the parking lot at Cleveland Lakefront Nature Preserve. More than 228 bird species have been recorded on its 88 acres that are owned and managed by the Cleveland Cuyahoga County Port Authority. We will wind through the preserve, looking for lingering nesting species, as well as fall migrants. Expect to see Monarch butterflies, too.

Detailed Birding Info about Cleveland Lakefront Nature Preserve, with directions & map <a href="https://birdinghotspots.org/hotspot/L618902">https://birdinghotspots.org/hotspot/L618902</a>

Recent eBird postings from Cleveland Lakefront Nature Preserve <a href="https://ebird.org/hotspot/L618902">https://ebird.org/hotspot/L618902</a>

2022-2023 eBird Cleveland Lakefront Nature Preserve Bar Chart https://ebird.org/barchart?bvr=2022&evr=2023&bmo=1&emo=12&r=L618902

## Saturday, October 14, 2023, 9:00 AM

## Sandy Ridge Reservation, Lorain County

Meet at: 6195 Otten Road, North Ridgeville Leaders: Fred & Cheryl Dinkelbach

Meet at the Johnson Wetland Center. We'll bird the 2-mile trail through the woodlot and around the marsh impoundments, looking for passerines, sparrows, and waterfowl. Expect to see many of the 128+ species seen here since October 2022. (Note rain date: Sunday, October 15, 2023)

Detailed Birding Info about Sandy Ridge, with directions & map https://birdinghotspots.org/hotspot/L213276

Recent eBird postings from Sandy Ridge <a href="https://ebird.org/hotspot/L213276">https://ebird.org/hotspot/L213276</a>



Sandhill Crane. Photo by Laura Koch

2022-2023 eBird Sandy Ridge Bar Chart https://ebird.org/barchart?byr=2022&eyr=2023&bmo=10&emo=11&r=L213276

# Field trips (Continuation)

#### **Saturday, November 11, 2023, 9:00 AM**

## Cleveland Lakefront Reservation, Edgewater Park - Perkins Overlook & other lakefront locations

Meet in: the Perkins Overlook parking lot - first left turn on the Upper Edgewater Road

Leaders: Paula Lozano & Anna Kozlenko



First, we'll scan Lake Erie from the Perkins Overlook for gulls, terns, and waterfowl. Depending on what we see there, weather conditions, and any morning reports from other lakefront locations, we'll either travel east to Wendy Park and the mouth of the Cuyahoga River or west to Lakewood Park and beyond. Be prepared for these on-the-spot changes.

Common Loon. Photo by Anna Kozlenko

Detailed birding Info about Cleveland Lakefront Reservation - Perkins Beach Overlook, with directions & map <a href="https://birdinghotspots.org/hotspot/L2430705">https://birdinghotspots.org/hotspot/L2430705</a>

Recent eBird postings from Cleveland Lakefront Reservation - Edgewater Park - Perkins Overlook <a href="https://ebird.org/hotspot/L2430705">https://ebird.org/hotspot/L2430705</a>

2022-2023 eBird Bar Chart for Cleveland Lakefront Reservation - Edgewater Park - Perkins Overlook <a href="https://ebird.org/barchart?byr=2022&eyr=2023&bmo=1&emo=12&r=L243070">https://ebird.org/barchart?byr=2022&eyr=2023&bmo=1&emo=12&r=L243070</a>



Greater Scaup. Photo by Anna Kozlenko

# Lights Out Cleveland

#### By Jonathon D. Cepek

Lights Out Cleveland is part of a growing international movement to prevent migratory bird collisions with buildings. Every spring and fall, millions of birds migrate through Ohio on their way between their breeding and overwintering grounds. During these migrations, birds are injured as a result of collisions with reflective glass. Lights Out Cleveland is looking for help during migratory bird seasons to gather data in small groups during the early morning hours.



Saved Magnolia Warbler. Photo by Andrea Howell

As a Lights Out Cleveland organizational partner, Cleveland Metroparks assists with the volunteer aspects of the collaboration. Volunteers are needed to survey downtown Cleveland to record and collect deceased birds and safely capture injured birds for rehabilitation by the Lake Erie Nature & Science Center. Monitoring birds and other wildlife species is an important aspect of Cleveland Metroparks conservation efforts. Data collected through Lights Out Cleveland provides information to understand the causes of bird-building collisions. Rehabilitated birds provide opportunities to understand migration patterns and how birds use Cleveland Metroparks, and the Cleveland metropolitan area.

Volunteers are asked to commit to at least one shift per week during the migration season. Our spring migration surveys are typically mid-March through early June. Fall migration surveys started on August 15<sup>th</sup> and continue through November 17th. Shifts start at 5 a.m. or 6 a.m. (depending on sunrise) in downtown Cleveland and go until 8:30 a.m. We also understand if you can't commit to one shift per week and appreciate any help we can get.

# If you are NOT yet a Cleveland Metroparks volunteer: Please visit

https://www.clevelandmetroparks.com/parks/support/volunteer OR search "Cleveland Metroparks Volunteer" in a web browser, to begin the process. In the application, select "Lights Out Cleveland" if you see that project listed on the Assignment Preference. If you do not see Lights Out Cleveland listed, then please select "staff referral" and write in "Lights Out Cleveland" as your preferred assignment.

To find out more about Lights Out Cleveland go here: <a href="https://ohiolightsout.org/cities/lights-out-cleveland/">https://ohiolightsout.org/cities/lights-out-cleveland/</a>



## **Bird Quest**

#### By Paula Lozano

## 4 p.m. Friday, September 8 to 4 p.m. Saturday, September 9

## 9th Annual Chagrin River Bird Quest Chagrin River Important Bird Area Lake & Geauga Counties



The Chagrin River Bird Quest is an annual birding event of the Audubon Society of Greater Cleveland, Blackbrook Audubon Society, and the Geauga Parks District to benefit Chagrin River IBA - Important Bird Area. Teams of people bird together in parks and other areas within the IBA with the goal of identifying as many species as possible from 4 p.m. Friday, September 8 to 4 p.m. Saturday, September 9, and having fun!

In September 2022 the team that saw the most birds counted a record-breaking 85 species! Many participants saw 40 or more species. (By the way, two teams camped out to add owls to their list, but the rest of us went home and returned the next day.) More than 100 birders in 28 teams found 116 species in the Chagrin River Watershed. <a href="https://clevelandaudubon.org/chagrin-river-bird-quest-4-2-3-2/">https://clevelandaudubon.org/chagrin-river-bird-quest-4-2-3-2/</a>

If you would like to join a KBC team, complete the registration as outlined below, then email <a href="mailto:info@kirtlandbirdclub.org">info@kirtlandbirdclub.org</a> and let us know. Our quest will start on Friday with a walk at Squire Valleevue Farm at 5 p.m. and resume on Saturday at 8:30 a.m. with a walk at Chagrin River Park. We'll caravan to other areas over the course of Saturday.

- 1) Register in advance at https://clevelandaudubon.org/chagrin-river-bird-quest-2023/
- 2) Check-in between 4 p.m. and 6 p.m., Friday, September 8 in the Oak Room at The West Woods Nature Center, 9465 Kinsman Road (Rt87), Novelty, Ohio. Pick up check-in materials, maps, checklists, and t-shirts, and talk strategy with teammates and naturalists. All materials and activities are free.
- 3) Bird between 4 p.m. Friday, September 8 and 4 p.m. Saturday, September 9.
- 4) Quest Celebration! Meet at 4 p.m. Saturday, September 9 in the Oak Room at the West Woods Nature Center to turn in checklists for judging and enjoy an evening of awards, prizes, good times, and great food!

## **CLEVELAND METROPARKS BIOBLITZ: ACACIA RESERVATION**

# By Josh Philipps Natural Resources Area Manager, Cleveland Metroparks

What is a Bioblitz? A Bioblitz is a gathering of expert and amateur scientists whose goal is to take an inventory of as much biological diversity in an area as possible within a certain time frame. The event generally takes place over a 24 -hour period of time and is best suited for parks or other natural areas, although bioblitzes can happen anywhere, even in urban environments.

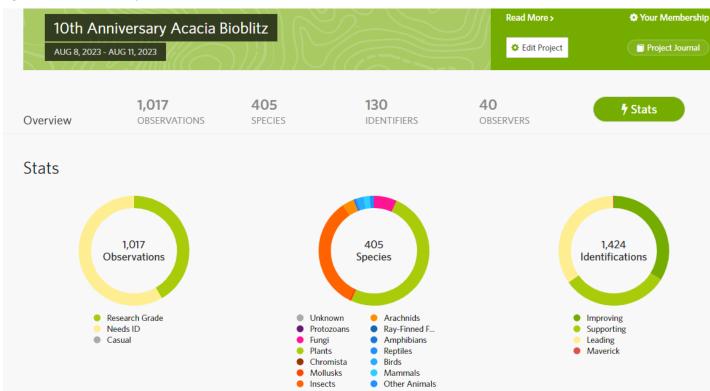
Shortly after Cleveland Metroparks acquired the Acacia Country Club in 2012, natural resource staff held an expert bioblitz on May 23, 2013, which included collaborators from Cleveland State University, Baldwin-Wallace University, University of Akron, and Cornell University. A fall bioblitz followed that was open to the public. 192 total species were documented, 63 animal species and 129 plant species. It was determined that after 5 years of restoration efforts, it would be worthwhile to host another bioblitz to assess changes in biological diversity.

The second Acacia bioblitz was held on July 31<sup>st</sup>, 2018. In all, 465 species were identified which was composed of 237 plant species, 60 species of fungi, and 168 species of animals. 44 participants contributed to the surveys, both amateur and expert. Participants encompassed a wide range of expertise and disciplines, both internally from within the Cleveland Metroparks Natural Resource Department and also representatives from Summit County Park District, Michigan State University, Case Western Reserve University, University of Akron, and Cleveland Institute of Music.

It was determined that another Bioblitz should be held in the 10<sup>th</sup> year post-restoration to assess overall patterns of biodiversity and to assess taxa not yet thoroughly surveyed. The third bioblitz was held on August 9<sup>th</sup>, 2023. 460 species were identified in total which consisted of 200 plant species, 28\* species of fungi, and 253 species of animals. 71 people participated consisting of staff, volunteer naturalists, and biologists from Geauga Park District. Additionally, the event also marked a unique collaboration between Cleveland Metroparks Outdoor Experiences and Natural Resource staff. Naturalists led public programs for botany, fish, birds, and insects to help inform and engage the public in how we collect biological information and conduct surveys.

\*Some species of fungi unverified

Fig 1) 10<sup>th</sup> Anniversary 2023 Acacia Bioblitz Stats

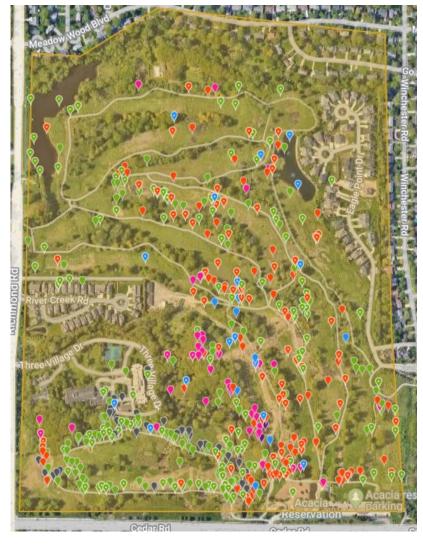


#### **Data Collection**

An iNaturalist project titled was created for the project. Utilizing iNaturalist simplified the process of data entry from paper records while also having the added benefit of geotagging species occurrences within the reservation. Most of these records have a photo voucher as well and can be verified by other experts regionally. Most birds, being difficult to photograph were entered into an eBird list and have been accounted for separately. Likewise, mammals caught in camera traps were often not included in the iNaturalist project or reflected in Figure 1 counts. In all, an impressive 1,016 observations were made by 40 observers and 130 contributing to the project.

https://www.inaturalist.org/projects/10th-anniversary-acacia-bioblitz

Fig 2) Map of iNaturalist observations for 2023 bioblitz



## **CLEVELAND METROPARKS BIOBLITZ: ACACIA RESERVATION**

#### **General Observations & Conservation Implications**

Overall, there were no exceptional or rare species found at Acacia during the Bioblitz. This is unsurprising considering the naturalization of the reservation from a golf course since acquisition by Cleveland Metroparks in 2011. The park is bordered on all sides by a highly urbanized residential and commercial area which limits the immigration of many species that could potentially colonize new habitats. As such, many generalist and cosmopolitan species were found during the bioblitz. In the future, land managers will consider reintroductions of more conservative species that would historically have been present but might not otherwise colonize the park. That stated, the biodiversity at Acacia has increased over twofold since restoration began resulting from various habitat enhancement projects and restoration efforts such as prairie plantings and wetland creation. With these changes in the habitat, there has been an increase in meadow and wetland species. As the habitat in many areas of Acacia continues to undergo succession from meadow to young forest the overall biodiversity has remained quite stable.

When comparing the 2018 bioblitz with 2023 the differences are less pronounced. The slightly smaller diversity of species identified from the 2023 bioblitz when compared to the 2018 bioblitz is more likely attributed to the experts participating rather than a measure of actual loss in biodiversity. For example, a professional mycologist was in attendance at the 2018 bioblitz who was able to add 60 species to the list. One other important factor to consider is that over 1,000 observations were made on iNaturalist for the 2023 bioblitz. Not only does this number indicate a high level of participation, but also a general abundance of wildlife species and a high level of species richness across the landscape. Following is a brief synopsis of results from the 2023 Bioblitz from various taxonomic groups. Also included are descriptions of participants and survey methods utilized.

#### **Amphibians & Reptiles**

Amphibian surveys were conducted only opportunistically. Various pools and wetlands created internally and through the WRRSP grant provide great habitat features. While only 2 species were observed, spotted salamanders have also been recorded at Acacia. Nathan Byer set turtle traps in the central and eastern pond as well as in one of the restored wetlands on the property. A healthy number of painted turtles were caught from the central pond, a first record for the property.

Anaxyrus americanus-American Toad Lithobates clamitans-Green Frog

#### **Birds**

51 species of birds were recorded during the bioblitz. Bird surveys were conducted in the morning in a public program led by Daniel Jenkins. Jim Heflich and Patty Kellner, CMP volunteers also contributed their own eBird list as did Natural resource area manager Tim Krynak. A hen turkey with polts was observed in the morning outing and perhaps the most interesting observation was a Black billed cuckoo, an uncommon species in decline throughout its range. More species were recorded than either the 2013 or 2018 Bioblitz.

## **CLEVELAND METROPARKS BIOBLITZ: ACACIA RESERVATION (CONTINUATION)**

Mallard
Wild Turkey
Rock Pigeon
Mourning Dove
Black-billed Cuckoo
Chimney Swift

Ruby-throated Hummingbird

Killdeer

Great Blue Heron
Green Heron
Turkey Vulture
Red-shouldered Hawk
Red-tailed Hawk
Ring-billed Gull
Belted Kingfisher

Red-bellied Woodpecker

Downy Woodpecker Hairy Woodpecker Northern Flicker Eastern Phoebe Eastern Wood-Pewee Eastern Kingbird

Blue Jay

American Crow

Black-capped Chickadee Tufted Titmouse Purple Martin Barn Swallow Tree Swallow

White-breasted Nuthatch

House Wren European Starling Gray Catbird
Eastern Bluebird
American Robin
Cedar Waxwing
House Sparrow
House Finch

American Goldfinch

American Goldfinch
Song Sparrow
Baltimore Oriole
Red-winged Blackbird
Common Grackle
Common Yellowthroat

Scarlet Tanager Northern Cardinal Indigo Bunting

#### **Mammals**

There were 15 species of mammals identified at the Bioblitz. Mammal sampling was done using a variety of methods including camera trapping with lures, pitfall traps, Sherman traps, tree mounted box traps for squirrels, and field observations. Wildlife ecologist Jon Cepek, Natural resource area manager Erik Shaffer, and Wildlife technicians all contributed. Additions from previous bioblitzes include long tailed weasel, eastern chipmunk, and eastern gray squirrel

Blarina brevicauda-Northern short tailed shrew Canis latrans-Coyote
Didelphis virginiana- Virginia opossum
Glaucomys sabrinus- Northen flying squirrel
Marmota monax-Groundhog
Microtus pennsylvanicus-Eastern meadow vole
Mustella frenata- Long tailed weasel
Odocoileus virginianus-White tailed deer
Peromyscus leucopus-White footed mouse
Peromyscus maniculatus-Eastern deer mouse
Procyon lotor-Raccoon
Sciurus carolinensis-Eastern gray squirrel
Sciurus niger-Fox squirrel
Sylvilagus floridanus-Eastern cottontail rabbit
Tamias striatus-Eastern chipmunk

7 species of fungi were identified in total. Without an expert in mycology most of the observations made were of more common and charismatic macrofungi species.

Lactarius psammicola
Trametes versicolor-Turkey tail
Omphalotus illudens-American jack o lantern
Amanita abrupta-American abrupt bulbed amanita
Trametes cinnabarina-Northern cinnabar polypore
Pleurotus pulmonaris-Summer oyster
Scleroderma citrinum-Common earthball

Fungi

## **CLEVELAND METROPARKS BIOBLITZ: ACACIA RESERVATION (continuation)**

#### Insects

With many pollinator plants in bloom, there was a great diversity of insects to be found. There were 72 species of insects identified. 7 species of Arachnids were also identified. Insect surveys were conducted by Cleveland Metroparks staff led by Naturalists using sweep nets. CMP volunteer Jim Heflich surveyed and photographed Odonates. Jim also returned in the evening for a moth survey, which was the first moth survey to be conducted at Acacia to the author's knowledge.

Bombus impatiens-Eastern common bumblebee Bombus fervidus-Golden northern bumblebee Bombus bimaculatus-Two spotted bumblebee

#### Fish & Aquatics

Fish sampling was conducted on the northwest pond using electrofishing methods by Aquatic biologist Mike Durkalec and the aquatics crew. Geauga park biologist Paul Pira sampled Euclid Creek using seine nets. In all, 11 species were identified.

#### **Ponds**

Cyprinus carpio-Common Carp Lepomis macrochirus-Bluegill Micropterus salmoides-Largemouth Bass Channel catfish Goldfish Grass carp

#### **Euclid Creek**

Western blacknose dace Pumpkinseed sunfish Creek chub Fathead minnow

#### **Plants**

Plant surveys were conducted by the PCAP Coordinator Sarah Eysenbach and crew as part of the annual vegetation survey conducted at Acacia. The Invasive Plant Coordinator Jennifer Hillmer and IPM crew also contributed with a roving survey identifying anything encountered. The Hydrilla crew led by Mark Warman conducted surveys of the various pools to identify aquatic vegetation. Wetland ecologist John Reinier also surveyed for plant species. In total 237 species were identified with 66 plant families represented. An interesting and somewhat unexpected find was *Utricularia gibba*-Humped bladderwort, located in a naturalized sand trap.

Kirtland Bird Club of Northeast Ohio 4310 Bush Ave Cleveland, OH 44109

# KIRTLAND BIRD CLUB, a Northeast Ohio Birding Club



#### **Kirtland Bird Club of Northeast Ohio**

4310 Bush Ave Cleveland, Ohio 44109

Publisher of:

The Cleveland Bird Calendar Birds of the Cleveland Region and the Field Book The Kirtland Warbler

On the web at: www.KirtlandBirdClub.org

www.clevelandbirdcalendar.com

Email address: info@KirtlandBirdClub.org

Christi Carlson — Vice President Mary Anne Romito — Treasurer Dana Bjorkland and Fred Dinkelbach — Corresponding secretary Tobby Briskin—Recording Secretary

Anna Kozlenko — Editor, The Kirtland Warbler

Digital Communications Coordinator

Patricia Kellner—President

Fred Dinkelbach — Editor, Cleveland Bird Calendar

Paula Lozano — Field Trip Coordinator Dwight Chasar — OAPI Grant Program Chair Laura Gooch— Christmas Bird Count Compiler Larry Rosche — Honorary Lifetime Member