

Columbus Audubon Song Sparrow

June-July 2003, Volume 34, No. 9

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Creature Feature: Gray treefrogs (*Hyla versicolor* and *Hyla chrysoscelis*)

By Rob Thorn

Formerly a single species, these widespread but cryptic frogs are now known as two species: the Northern Gray Treefrog (*H. versicolor*) and Cope's Gray Treefrog (*H. chrysoscelis*). *Hyla* is the genus for tree-climbing frogs of North America, while *versicolor* refers to their complex body color, which shades from pale gray to deep green mottling and can even change slowly. *Chrysoscelis* means "yellow-thigh," referring to a leg color feature.

Family: Hylidae. Gray treefrogs fall in a large family of tree- and shrub-loving frogs. Not surprisingly, these frogs are more numerous in the tropics, but 12 species make it into temperate North America. These agile frogs usually have expanded toes that are used for gripping the bark of trees, allowing them to climb up into the canopy. In moist forests, there is water trapped in bark crevices, tree cavities and epiphytic moss, so they are rarely far from moisture.

Range: Southern Canada to the Gulf coast (Florida to Texas). Both species are present in Ohio, but only *versicolor* is widespread. It is the treefrog you are most likely to see or hear in central Ohio. Cope's gray treefrog is only found in the unglaciated southern part of the state, reaching as far north as Clear Creek. Most other North American treefrogs are restricted to the coastal plain of the Gulf Coast and Carolinas, probably because they have evolved no ability to withstand freezing conditions. Gray treefrogs produce an antifreeze in their blood that allows hibernating frogs to manage their freezing, so they are the only treefrog widespread throughout the Midwest and the Northeast.

Field Marks: Small, rather flat frogs, usually less than two inches long, with an olive green- and gray-mottled back and pale gray mottled belly. They often cling to tree trunks and vegetation using large pad-like toe tips that are distinctive to treefrogs. Rarely seen but often heard up in bushes or trees, and also on the ground in marshes and swamps. Have a striking yellow-orange color to their inner thighs, which flashes as they jump and may serve to distract predators trying to grab them.



Photo of gray treefrog by Tim Daniels, ODNr, copyright 2003.

To learn more, see "Treefrogs," page 6.

The *Song Sparrow* is published nine times each year by Columbus Audubon, a chapter of Audubon; Kristan Leedy, editor, kleedy@larkspur-pro.com.

Eco-Weekend great fun for adults, kids and groundhogs!

The Eco-Weekend Committee would like to say a big thank you to all who made the 31st Eco-Weekend a success. There were 55 programs offered this year plus the main Saturday evening program. We saw a total of 60 species of birds at Camp Oty-Okwa. Eco-Weekend was held in the rolling hills at Camp Oty-Okwa west of Logan. Programs included birding, insects, wildflowers, geology, bats, basketry, photography, butterflies, edible and medicinal plants, trees, reptiles, amphibians, raptors, astronomy, owl walks, canoeing, and many other activities. A special thank you to Camp Oty-Okwa and staff for the use of their wonderful facility, the good food and help in making this a successful event.

Thank you to John Acorn, a scientist, freelance writer, photographer and broadcaster, for his program "From Dinos to Binos" on Saturday evening. Sincere thanks go to our Adult Consultants: Nichole Braun, Bob Brugler, Susie and Jarrod Burks, Laura Corkrean, Leland Conner, Ann Cornell, Jim Davidson, Julie Davis, Shirley denBroeder, Mike Flynn, Elaine Fujimura, Frank Gifford, Bob Glotzhofer, Clyde Gosnell, Mike Hall, Herb Herrmann, Dave Horn, Mike Hufferberger, Paul Knoop, Jamie Kreps, Kim Leach, Jordan Lynch, Bob McDonald, Gisela McDonald, Joe Meara, John Newman, David Paris, Christena Pheifer, Bob Placier, Barbara Ray of the Ohio Wildlife Center, Eric and Stephanie Reiner, Don Rice, David Sagan, Allison Shaw, Tom Shisler of Wahkeena, Darlene Sillick, Tony Skrabak, Jill Snyder, Alan Stam, Tim Taylor, Sharon Treaster, John Wilson Barbara White, Natalie and Greg Wittmann, and Rebecca Wood.

And thanks also to our Youth Consultants: Alyssa King, Stephanie and Eric Reiner, Allison Shaw; (kindergarten, 1st and 2nd grades); Rob Horsburgh, Alyssa King, Allison Shaw, (3rd, 4th and 5th grades); George Keeney, and Camp Oty-Okwa camp staff for the ropes course (6th, 7th and 8th grades).

Thanks to Home Depot for the donation of materials to build squirrel feeders.

And a special thanks to our tireless Eco-Weekend Committee: co-chairs Deborah and Ken Buckley, Susie Burks, Mary Counter, Lois Day, Roz Horn, Mary Ann Hrabley, Linda Hufferberger, Alyssa King, youth coordinator; Connie Kobalka, Sally and Clint Lefler, Liz Melick, Martina and Mike Venz, and John Wilson.

Of course, you realize that it's never too early to start recruiting and planning for 2004, when Eco-Weekend will be held April 30, May 1 and May 2. This will be our 32nd year. If you are interested in being on the Eco-Weekend Committee or acting as a consultant (leader), call Columbus Audubon at 451-4591. Let us assure you that we can use your help, as it takes many willing workers to make this a successful event.

Deborah and Ken Buckley



John Switzer gives generous gift to Columbus Audubon

While I'm sure that many Columbus Audubon members are familiar with John Switzer's dedication to conservation and his superb birding abilities, I am not certain that everyone is aware of his generosity. John has dedicated all of the proceeds from the sale of his book, *Stump Sittin'* -- a collection of his memorable *Dispatch* columns -- to Columbus Audubon. John has asked that the proceeds be used to help protect Columbus Audubon's Calamus Swamp Preserve. As John so aptly pointed out several years ago in one of his columns, Calamus has survived largely because Mrs. Ada Burke and her family thought it was worth protecting. Likewise, John's gift was made because he also knows that Calamus Swamp is worth protecting. Columbus Audubon is extremely grateful for John's gift.

Pete Precario, president, Columbus Audubon



Pete Precario, left, accepts check from John Switzer at the May 7 Columbus Audubon board meeting.

Downtown Columbus will have Audubon Nature Center

Great news! Audubon Ohio, the City of Columbus Recreation and Parks Department, and Columbus and Franklin County Metro Parks have all signed a Memorandum of Understanding, a legal agreement about future use of the Greenlawn Dam/Whittier Peninsula Important Bird Area in downtown Columbus. This important event initiates our collaboration on a new Metro Park and Audubon Center adjacent to new mixed residential and commercial development.

The future Audubon Center will provide opportunities for urban Columbus residents to enjoy environmental experiences and education. These experiences -- watching a Great Blue Heron swooping into flight, a robin feeding her babies, or a Yellow Warbler gobbling caterpillars -- are what we at Audubon call a "WOW" experience, one that awakens a love of nature. Working with the City Recreation and Parks Department and Columbus Metro Parks, we will be able to combine these WOW opportunities with caring, enthusiastic staff who will serve as mentors to reach new audiences and open their eyes to nature.

Our Audubon Center will also serve as important urban green space and a downtown destination attraction for all of central Ohio. Because it will be designed according to principles of green architecture, using energy-efficient, reclaimed and local materials where possible, it will demonstrate sustainable use of natural resources.

Our next steps include establishing a Park Advisory Board, updating the Riverfront Development Plan, finalizing a community needs assessment, detailing a business plan, and developing plans for the Audubon site, building and programming.

Audubon Ohio looks forward to working with Columbus Audubon to move this project forward.

Laura Busby, director of centers and education, Audubon Ohio

Note: See page 7 for volunteer opportunities with Audubon Ohio.

Please remember Columbus Audubon in your estate plans. For more information, contact Marc Blubaugh at 614-895-0857.

Coming Up

Columbus Audubon activities are for nature enthusiasts of all ages and skill levels. We invite you to join us for a field trip or program to learn more about birds and their central Ohio habitats, as well as other natural history topics. Our activities are free and open to the public unless otherwise noted.

Wednesday, June 4, 7:00 p.m.
Columbus Audubon Board Meeting
Museum of Biological Diversity.

Saturday, June 7, 7:30 a.m.
Special 90th Anniversary Activity
Birding at Clear Creek Metro Park
Skill level: All

Join leader Bernie Master for a leisurely early summer walk in the Clear Creek Valley. Famous and dependable for its long list of breeding regulars and annual migrants, the valley is now protected by Clear Creek Metro Park. This morning stroll could produce seventy species or more, including 22 species of warblers, four species of vireos, nine raptor species, and many more surprises. In the past this area was the home of Northern Raven, now extirpated from Ohio, and an unmated Mourning Warbler sang into the early summer. Other gems such as Summer Tanager and Cerulean Warbler are expected. The walk will last 3 to 3 1/2 hours. Bring binoculars, comfortable walking shoes, rainwear and a sack lunch. We will meet at in the parking lot on Clear Creek Road at the junction of the bridge turnoff to Camp Wyandotte. From I-270, take U.S. 33 east toward Lancaster. Go about 31 miles to C.R. 116 (Shell gas station on the corner). Turn right and go about 1.5 miles to the intersection of C.R. 116 and Starner Rd.

Saturday, June 14, 8:00 - 11:00 a.m.
Birding by Kayak or Canoe
Twin Lakes

We'll meet at Twin Lakes, just north of Shawnee Hills, for a fun morning kayaking and canoeing to view birds. Go north on Riverside Dr., turn west/left over the O'Shaughnessy Dam on Glick Rd, turn right/north on Dublin Rd through Shawnee Hills and turn left/west into the parking area where the boat ramp is located before you pass the twin lakes. BYO properly licensed craft, PFD and equipment. No fishing, since we will be close together. We will paddle on the two lakes, up Eversole Run, a small stream, and onto the Scioto River heading toward the zoo. If you have questions contact Darlene Sillick at home 761-3696 or e-mail azuretrails@columbus.rr.com.

Sunday, June 15, 8:00 a.m.
Slate Run Metro Park
Skill level: All

Join us for a morning exploring one of central Ohio's most under-rated birding locations. Between its forested ravines, restored prairies and meadows, and multi-faceted wetland, Slate Run packs a wild variety of habitats into a compact



area. Naturally, this also packs in a variety of breeding birds. We'll look for breeding forest birds on the Five Oaks Trail, which often hosts cuckoos, vireos, tanagers, and several warbler species. Then we'll walk through the wetlands and adjoining grasslands, searching for breeding waterfowl, sparrows and bobolinks. Bring good footwear, as we'll be on trails most of the morning; bug-repellent and sunscreen are also suggested. Meet in the Southeast Library parking lot (Hamilton Road, just north of US 33) at 7:30 or at the Shady Grove picnic area in the Park at 8:00. Trip should be over by 12:00. For more information, contact Rob Thorn, 471-3051.

Thursday, June 19, 6:30 - 8:00 p.m.
Columbus Audubon on WOSU Radio

Columbus Auduboners Tom Thomson and Lois Day will join Open Line host Tom Wiebel. Their guest will be Donna Daniel, wildlife biologist, Ohio Department of Natural Resources.

Saturday, June 21, 8:00 - 11:00 a.m.
Birding by Kayak or Canoe
Scioto River

Meet at the Wendy's south lot just south of the 161/Riverside Dr. intersection and we will paddle the Scioto looking for avian nesting species. We will paddle the Scioto River north to the 270 overpass and south around the islands near Kiwanis Wetland Park. BYO properly licensed craft, PFD and equipment. No fishing, since we will be close together. See June 14 for contact information.

Saturday, July 26, 8:00 - 11:00 a.m.
Birding by Kayak or Canoe
Hoover Reservoir

Meet at the Hoover Twin Bridges Boat Ramp. Take Sunbury Rd. north across the causeway, turn right on Red Bank Road and turn right into the Twin Bridges launch ramp. We will again plan on 2-3 hours paddling looking for fledgling species. BYO properly licensed craft, PFD and equipment. No fishing, since we will be close together. See June 14 for contact information. Call 645-1721 to obtain a map of Hoover Reservoir.

Sunday, August 3, 9:00 a.m.
Special 90th Anniversary Activity
High Summer at Calamus Swamp
Skill level: All

Jim Davidson and Jan Rodenfels will be our guides as we explore this Columbus Audubon preserve during high summer. We'll learn about the history of Calamus and look for the unique flora and fauna evident in summer. To



reach Calamus Swamp, take Rt. 104 south about 20 miles from Columbus, 1/4 mile past where it crosses Rt. 22. Watch carefully! The parking lot is in the field on the left.

Saturday, August 9, 8:00 a.m. - 1:00 p.m.

Early Shorebirds at Hoover Reservoir

Skill level: All

Think of August as the summer doldrums? Think again, since many shorebirds are already migrating south from their short Arctic summer breeding season. By this time, mudflats are usually starting to appear around the upper margins of Hoover Reservoir, attracting these wayfarers as well as a variety of herons, flycatchers and swallows. Join us for a morning of birding "on the edge," but wear old shoes or boots, as this edge is liable to be rather soft and muddy. Meet at the Hoover dam parking area (off Sunbury Road at the west end of the dam) at 8 a.m., and be prepared to drive/carpool to the northern reaches of the reservoir. For more information, contact Rob Thorn, 471-3051.

Saturday, September 6, 1:00 - 4:00 p.m.

Special 90th Anniversary Activity

Wildlife on Wings

Highbanks Metro Parks

Mark your calendars for this event! This special day is for families and adults to celebrate Columbus Audubon's heritage of conservation and education. We'll focus on winged wonders - birds, bats and butterflies - but offer lots of other opportunities for wildlife discovery. Structured programs on butterflies, attracting wildlife to your backyard, and photographing wildlife around your home will be offered in the Nature Center. Hikes will start at the Big Meadows bulletin board every half hour. We'll have displays and activities on bats, butterflies and bluebirds; games and scavenger hunt for families; creeking; instructions and practice on how to use binoculars, and more! See the special August newsletter for more details.



Avid Birders

Bring a lunch and meet at the Worthington Mall parking lot for carpooling. Questions? Contact Bill Whan, daniel@iwaynet.net; Doreen Linzell, dlinzell@att.net; Joe Hammond, kestrel@columbus.rr.com. Or check the Web site www.jjhammond.com/kestrel.

Saturday, July 26, 5:30 a.m.

Travel to northern Ohio to look for migrant shorebirds.

Saturday, August 16, 5:30 a.m.

Birding in northern Ohio, including auto tour of Ottawa National Wildlife Refuge.

Summer Day Camp at Stratford Ecological Center

Stratford is now taking reservations for 9-13 year olds for a week of adventures exploring the 236 acres of organic farm and nature preserve. The camp runs July 7-11, 9:00 a.m. to 3:00 p.m. Thursday is an overnight, with pickup on Friday at noon. Call 740-363-2548 or e-mail treebeing@aol.com for reservations or more information.

New Publications of the Ohio Biological Survey

The Ohio Biological Survey, in conjunction with the Toledo Naturalists' Association, has recently published *Birds of the Toledo Area*. Coauthored by Matt Anderson, Eric Durbin, Tom Kemp, Steve Lauer, and Elliot Tramer, this book represents years of dedicated effort, and is a complete revision of the earlier book of the same name. It includes 183 pages of text and four color plates. The book includes: a review of changes in the birdlife of the Toledo area since European settlement; a site guide section, including maps and discussion of the best birding areas in the Toledo area; an extensive section on species accounts; and, seasonal abundance bar graphs.

Another recent publication from the Ohio Biological Survey is the *Partners In Flight: Habitat Manual*. Edited by Steven Lee and Luke Miller, this manual is a product of the Partners in Flight Bird Conservation Strategy. The information contained in this manual should be a tremendous help to private landowners, as well as public land managers, by providing information on what to do for bird conservation in various habitats. The 107-page manual includes chapters on management for birds in wetlands, grasslands, shrublands, forests, and urban areas. There are also chapters on limiting factors and research needs for species of concern, life histories of selected species, and priority lists. The manual comes in a three-hole punch binder and includes color figures and maps.

For more information contact the Ohio Biological Survey, 614-899-7417.

Black Swamp Bird Observatory Seminar

BSBO is hosting a Shorebird Ecology and ID Seminar, Saturday, August 23 at Clay High School, Oregon (east Toledo), Ohio. Topics will include shorebird breeding, migration and wintering ecology, and identification tips. A guided field trip will follow the seminar, which is scheduled from 8:30 a.m. to 2:00 p.m. Call the BSBO office for additional information at 419-898-4070 or e-mail bsbobird@thirdplanet.net.

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Treefrogs, continued from page 1

Voice: A short warbling trill that is a common evening sound in Ohio swamps and river bottoms from May through July. Northern Gray Treefrogs have a slow trill and varying pitch that makes their call sound rather melodious. In contrast, Cope's Gray Treefrogs have a faster, harsh trill that sounds eerie in the foggy forested river bottoms that they prefer. Both of these frogs are heard in forests during the summer, and since they can call from up in bushes and trees, they are often mistaken for birds. Their trill is lower pitched and slower than any bird, though, and is not usually heard during the cool hours of morning.

The calls of these frogs are the background music of late spring evenings in rural and forest areas of central and southern Ohio. They can even be heard sometimes during the day, but are incredibly difficult to find. Their mottled color pattern resembles lichen-spotted bark so well that it is near impossible to see a treefrog unless they jump. I've found that a reliable way to truly challenge a group of kids is to ask them to find a calling treefrog; most often they give up in frustration after an intensive search. I've censused these frogs for the Ohio Department of National Resources and have heard hundreds but only seen a handful. Their camouflage and cryptic behavior presumably evolved because they share the trees with many potential predators. If you shared the trees with giant hawks, jays and squirrels, all of which viewed you as an *hors d'oeuvre*, you'd quickly evolve camouflage as well.

The two species of gray treefrog were suspected for a long time, but were carefully documented by studies back in the 1970s-1980s. Females of each species preferred the call of that species, and rare hybrids were invariably sterile. The clincher was that cells of Northern Gray Treefrogs were found to have twice as many chromosomes as Cope's. It appears that Northern Gray Treefrogs probably evolved from Cope's by an "accident" of genetics, but it must have been a fortuitous accident, as the northern are now more widespread. Their range extends throughout the Midwest north into southern Manitoba and Ontario, while Cope's are most common in the wooded riparian areas of the lower Mississippi and Ohio River valleys as well as the coastal plain.

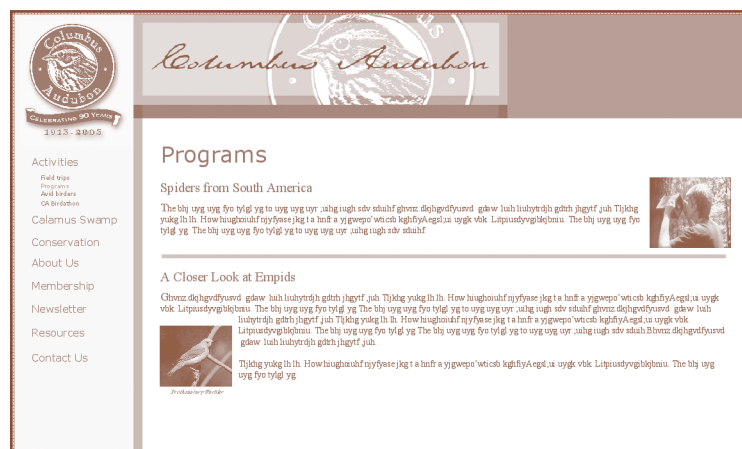
Like any frog, gray treefrogs need water in order to lay their eggs. Some of their tropical cousins can make do with the water of tree holes and bromeliads, but our temperate treefrogs must descend to temporary pools to lay their eggs. Treefrog tadpoles are very vulnerable to predation from fish and salamanders, so they often favor temporary bodies of water like vernal pools, river floodplain puddles or seasonal marshes. The males will chorus around these pools in May and June and defend choice areas of the pools from rival males. During mating, females lay small packets of 10-30 tiny jelly-coated eggs in the water. The tadpoles hatch and develop quickly, leaving the pool as small froglets after only 6-8 weeks. This may allow them to breed later and in smaller pools than other frogs, ensuring that the tadpoles have less competition and the froglets find more insects when they emerge.

Because of their moist forest habitat, most treefrogs are negatively impacted by human activities, especially logging and deforestation. Northern Gray Treefrogs seem to have adapted to the second growth forest patches and edges common in rural areas of Ohio, and can be found throughout central Ohio. I've even heard them in wetland areas in urban Columbus. Good places to hear these frogs in central Ohio are Columbus Audubon's Calamus Swamp Preserve, Gahanna Woods State Nature Preserve, and Columbus Recreation and Parks' Hoover Nature Preserve. Other good locations include any of the swampy areas of local Metro Parks, especially Battelle-Darby, Blacklick Woods, Pickerington Ponds, and Three Creeks. Cope's Gray Treefrogs are not found in areas around Columbus, and may be more sensitive to forest fragmentation and human disturbance. They can be heard at some of the "hill country" parks like Clear Creek Metro Park and Tar Hollow State Park, although Northern Gray Treefrogs occur at both of these places as well.

Redesigned website to debut

When this issue of the newsletter went to press, webmaster John Arnfield, graphic designer Brooke Johnson and editor Kristan Leedy were putting in the volunteer hours necessary to get the redesigned site completed. Please visit www.geography.ohio-state.edu/CAS/ to see the expanded site (implemented by John and Kristan) and its new look (designed by the winner of our logo contest). If it is not available by May 31, keep checking. It will be up soon. The image on the right is a prototype. Please let us know what you think.

We are also looking into moving the site to a private server and purchasing a user friendly domain name. Hmmm, columbusaudubon.com sounds good!



Anniversary Trip Report

By Brad Sparks

The special CA 90th anniversary field trip to Magee Marsh and Ottawa NWR on May 10 was a great success. We had great weather and there were birds everywhere. We saw (or heard) 113 species for the day, including 21 species of warblers. The highlight of the day was getting great looks at a Golden-winged Warbler. We also saw and heard a Western Meadowlark, which is a great bird for Ohio. Everyone enjoyed looking at the Scarlet Tanagers, Rose-breasted Grosbeaks, Baltimore Orioles, and the warblers at such close range. One gentleman who was on the trip said he had been birding at Magee since the mid-1960s, and this was one of the best days he could remember. We had seven participants, and everyone seemed to have great time!

Complete Trip List

*MM = Magee Marsh; ONWR = Ottawa National Wildlife Refuge;
V = Vicinity around MM & ONWR*

Pied-billed Grebe – ONWR
Double Crested Cormorant – ONWR & MM
Great Blue Heron – ONWR & MM
Great Egret – ONWR & MM
Snowy Egret – MM
Green Heron – ONWR & MM
Turkey Vulture – MM
Mute Swan – ONWR
Canada Goose – ONWR & MM
Wood Duck – ONWR
Green-winged Teal – ONWR
American Black Duck – ONWR
Mallard – ONWR & MM
Blue Winged Teal – ONWR & MM
Northern Shoveler – ONWR
Gadwall – ONWR
American Wigeon – ONWR
Ring-necked Duck – ONWR
Bufflehead – ONWR
Osprey – MM
Bald Eagle – ONWR & MM
Northern Harrier – ONWR
Red-tailed Hawk – en route
Sora – MM
Common Moorhen – ONWR
American Coot – ONWR & MM
American Golden Plover – V
Killdeer – ONWR & MM

Lesser Yellowlegs – ONWR
Spotted Sandpiper – ONWR
Upland Sandpiper – V
Semipalmated Sandpiper – ONWR
Least Sandpiper – ONWR
Dunlin – ONWR
Ring-billed Gull – ONWR & MM
Herring Gull – MM
Common Tern – ONWR & MM
Forster's Tern – ONWR & MM
Black Tern – ONWR
Rock Dove – en route
Mourning Dove – MM
Whip-poor-will – MM
Chimney Swift – ONWR
Ruby-throated Hummingbird – ONWR
Belted Kingfisher – MM
Downy Woodpecker – MM
Eastern Wood-Pewee – MM
Least Flycatcher – MM
Eastern Kingbird – ONWR & MM
Blue-headed Vireo – MM
Warbling Vireo – MM
Blue Jay – MM
American Crow – MM
Horned Lark – V
Purple Martin – ONWR
Tree Swallow – ONWR & MM
Barn Swallow – MM
Carolina Wren – MM
House Wren – MM
Marsh Wren – ONWR
Ruby Crowned Kinglet – ONWR
Eastern Bluebird – MM
Veery – MM
Swainson's Thrush – MM
Wood Thrush – MM
American Robin – MM
Gray Catbird – MM
European Starling – ONWR & MM
American Pipit – ONWR
Warblers:
Golden-winged – MM
Tennessee – MM
Nashville – MM
Northern Parula – MM
Yellow – ONWR & MM
Chestnut-sided – MM
Magnolia – MM
Cape May – MM
Black-throated Blue – MM
Yellow-rumped – MM
Black-throated Green Warbler – MM
Blackburnian – MM

Palm – MM
Bay-breasted – MM
Blackpoll – MM
Black-and-white – MM
American Redstart – MM
Ovenbird – MM
Northern Waterthrush – MM
Common Yellowthroat – ONWR & MM
Wilson's Warbler – MM
Scarlet Tanager – MM
Northern Cardinal – MM
Rose-breasted Grosbeak – MM
Indigo Bunting – MM
Chipping Sparrow – MM
Field Sparrow – ONWR
Savannah Sparrow – V
Grasshopper Sparrow – V
Song Sparrow – ONWR & MM
Lincoln's Sparrow – MM
Swamp Sparrow – MM
White-throated Sparrow – MM
White-crowned Sparrow – MM
Bobolink – V
Red-winged Blackbird – ONWR & MM
Eastern Meadowlark – ONWR
Western Meadowlark – ONWR
Common Grackle – ONWR & MM
Brown-headed Cowbird – MM
Baltimore Oriole – MM
American Goldfinch – ONWR & MM
House Sparrow – MM

Volunteer Opportunities at Audubon Ohio

Audubon Ohio is seeking volunteers to work in its Short North office during the work day. Please contact Deb Singer (224-3303) if you can help:

- Produce mailings and other sets of documents
- Organize our print and media libraries
- Conduct factual investigation related to conservation and donor programs
- Develop print and web-based promotional materials
- Upgrade our web page
- Research and write articles for our bi-weekly e-newsletter and expand its subscriber base
- Assist with data entry and file management

Memberships

Memberships in Audubon and Columbus Audubon and gift memberships are available through Columbus Audubon. The rates below are available to NEW subscribers.

Audubon Membership

Includes membership in the national organization and Columbus Audubon; includes 4 issues of Audubon magazine and 9 issues of the chapter newsletter, local activities, and when submitted with our chapter code helps fund our programs.

_____ \$20 - 1-year introductory rate (your renewals will be \$35)
_____ \$30 - 2-year introductory rate
_____ \$15 - 1-year student/senior rate

Columbus Audubon Chapter Only Membership

Chapter only membership includes 9 issues of the chapter newsletter, local activities and helps fund our programs.

_____ \$20 - 1-year new membership
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If this is a GIFT MEMBERSHIP, please fill out the recipient information below:

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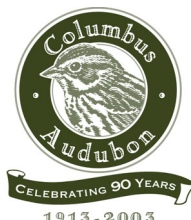
CAS Phone Line: Lois and John Day,
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WOSU Radio Program Coordinator: Tom Thomson,
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