

**1913-200**3

# Columbus Audubon Song Sparrow

September 2003, Volume 35, No. 1

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# Flora Feature: Field Goldenrods (Solidago)

By Rob Thorn

Probably the signature flowers of September are goldenrods. Even though there are many different types, including forest, wetland and prairie species, most of us notice the goldenrods that colonize old, un-mowed fields. When they dominate such a field, their mass flowering in September transforms it into a carpet of golden yellow. There are some seven to eight species that can do this, but four species are the most ubiquitous: Lance-leaved Goldenrod (*S. graminifolia*), Canada Goldenrod (*S. Canadensis*), Tall Goldenrod (*S. altissimus*) and Gray Goldenrod (*S. nemoralis*).

#### Family: Asteraceae.

Although they may not look closely related, goldenrods are part of the huge group of composite flowering plants that includes asters, sunflowers, daisies, thistles and their relatives. Look closely at a goldenrod "flower" and you will see tiny tubes in the middle, each of which is a separate nectar-producing floret. The flower head is actually a cluster of tiny flowers. Goldenrods, though, have only small, yellow ray florets, unlike the large, showy petals found on their sunflower cousins.

#### Range

Canada to the Gulf coast. All of these species are quite abundant throughout the Midwest, but their abundance declines as you head south from the Ohio River valley. Goldenrods are scarce and unusual in the Gulf Coastal Plain, so we have something that you won't see much of in Florida.

#### Field Marks

All goldenrods have clusters of flowers along the ends of their stems, although how they deploy these flowers is different. Lance-leaved Goldenrods have rather flat-topped clusters of flowers, so that they often can be picked out at a distance by the practiced eye. Their narrow, grass-like leaves are a key characteristic. The other three common species all have wider leaves and flowers in plume-like drooping clusters, so you need to learn a few other marks to distinguish them.

Gray Goldenrods have a grayish-green color to their leaves and tend to favor dry fields. They rarely exceed 3 feet when blooming, perhaps because of their more severe habitat, whereas the other two are usually above 3 feet in size. If you're still in doubt, look closely at the leaves. Gray goldenrods leaves are covered with a fine gray "fur" that helps them reduce moisture loss. They also tend to have one to two tiny leaves sprouting from the base of a bigger leaf, making their stems appear somewhat bushy.

Tall and Canada Goldenrods both are quite similar, and favor not as dry fields as Gray Goldenrods. Both tend to be above three feet high when blooming, but the flowers of Tall Goldenrod are about twice the size of those of Canada Goldenrods (7-8 mm vs. 3-4 mm).

- Read more about field goldenrods on page 2.

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

### Charitable Gift Annuity:

## Benefits you and helps secure Columbus Audubon's future

As mentioned in previous editions of *The Song Sparrow*, Columbus Audubon has established a planned giving program in order to encourage members and non-members to include Columbus Audubon in their estate planning. Charitable contributions can be made in an unrestricted fashion for the general use of Columbus Audubon or may be designated for deposit into one of the endowment funds established by the board of trustees: (1) the Education Fund, (2) the Conservation Fund, or (3) the Operating Fund. Bequests and donations directed to the endowment funds will be invested and only income from the investment will be spent. In short, your contribution provides a *permanent* benefit to Columbus Audubon.

Over the past year, Columbus Audubon has reported on various mechanisms available to those who would like to benefit Columbus Audubon through their estate planning. A charitable gift annuity is another estate planning mechanism.

#### How it works

A charitable gift annuity is essentially a contract whereby Columbus Audubon agrees to pay you or your designated beneficiary income for life in exchange for your gift of cash or stock. For example, you may be 73 years old and have a \$25,000 certificate of deposit that is coming due at a local bank. Your certificate of deposit may not be yielding as high of a return as you would like. Instead of renewing the certificate of deposit, you could donate that certificate of deposit to Columbus Audubon. In exchange, Columbus Audubon will pay you a fixed return in excess of what the bank was paying on the certificate of deposit.

#### Benefits to you

In addition to providing Columbus Audubon with a significant gift that will benefit future generations, you could also receive several additional benefits. First, a portion of your income will be tax free because it will be deemed a return of your investment in the annuity for the balance of your life expectancy. Second, your donation will generate a meaningful tax deduction for you. The size of the tax deduction will vary depending on your income bracket and the size of the gift. Third, if you donate stock, you can reduce the capital gain tax that you would have had to pay if you sold the stock.

We hope that you give some serious thought to taking advantage of a charitable gift annuity in your estate planning if your tax advisor and attorney believe that a charitable gift annuity might be right for you. Please contact Columbus Audubon or Marc Blubaugh, director of planned giving, at 614-895-0857 with any questions.

- Marc Blubaugh

#### Creature Feature: Field Goldenrods, continued

Tall goldenrod can often reach heights above 5 feet, whereas Canada Goldenrods are usually between three and 5 feet tall. Tall Goldenrods tend to have a fuzzy stem and leaves with few if any teeth, while Canada Goldenrods tend to have stems fuzzy only near the tips and leaves that are distinctly toothed. Unfortunately, these characteristics can be intermediate in some plants, and some botanists have argued that these two species are really just one.

#### **Biology**

Field goldenrods are perennials, and rootstocks will sprout more and more plants as they get larger over the years. This means that the field of goldenrods you see is usually a field of competing clones. This aggressive spreading is most noticeable in Canada Goldenrods, which can even be a nuisance weed in gardens and lawns abutting old fields. Goldenrods also produce large amounts of small, plumed seeds that are easily dispersed by animals and the wind.

Goldenrod flowers produce a small amount of nectar, but the sheer number of flowers on a plant makes it attractive to many insect pollinators. Most of the pollination is done by bees, but the shallow flowers also attract large numbers of beetles and flies. The nectar has kind of a musky aroma, and does not attract lots of butterflies; if honeybees forage on goldenrod, the resultant honey is usually considered too unpalatable for human use, and beekeepers leave it in the hive as a winter food source for the bees. Monarchs are one of the few butterflies to favor goldenrod nectar, and migrating monarchs will often cluster in fields of nectar-rich flowers. I once counted over 150 monarchs in a 7-8 acre goldenrod field at Battelle-Darby Metro Park in mid-September.

Goldenrods are masters of chemical warfare. Goldenrod leaves and stems contain a number of defensive chemicals that make them unpalatable to most herbivores, and it's rare to see a goldenrod browsed by a deer or woodchuck. A number of species of tiny flies, however, lay their eggs into the stems where the hatching larvae trigger the plants to form a swollen nutritive casing called a gall. Goldenrod roots also secrete chemicals that inhibit the growth of many other plants. Only a few types of plants, such as ironweeds and asters, seem able to tolerate high doses of these chemicals. Next time you walk into a goldenrod field, note how few other types of plants are present. It's no accident they dominate these fields by late summer.

# Lessons from Africa By Laura Busby

In 1999 I went to Tanzania to volunteer for three months with the Jane Goodall Institute's international Roots and Shoots (R&S) children's program. My expectation was to utilize my environmental education background to engage Roots and Shoots groups in conservation. Each group strives to accomplish three projects each year: one for the environment, one for animals (wildlife or domestic), and one for the human community.

Dar es Salaam, home to 2.5 million people, is home also to the loud colors, strong smells and oppressive tropical heat typi-

cal of many developing countries. To get to the Institute you must first drive through a small squatter village of concrete block and corrugated metal shacks, two communal latrines, and lots of children. The ground around the latrines (holes in the ground with walls of woven palm leaf) is wet, muddy and green with algae. The whole area is littered with trash, some of it useful to the villagers.

Soon after arriving I acquired an unexpected personal project. A volunteer before me discovered that Juma, an 11-year-old boy from this village, had a seriously infected wound just above one ankle. The infection had gone untreated for so long that the leg became deformed. The volunteer worked with a local hospital (they are mostly private) to provide Juma with free care. By the time I became involved, the wound was nearly healed and Juma was receiving physical therapy three times a week. I took him to therapy and attempted to teach his father, who spoke some English, why it was important to clean a wound and how to do so.

Juma lived with his parents and three siblings in a 12- by 12-foot concrete block house. The village children would surround me when I visited. Many needed health care; runny noses, weepy eyes, distended bellies and big smiles



Child from village near Jane Goodall's house. Village children helped make a garden and did litter cleanup as part of the Roots and Shoots program during the author's stay.

greeted me. I always had a child holding each finger on both hands. During my stay, I saw some improvement in Juma's leg, but he will have some disability for the rest of his life. If the volunteer there before me had not noticed his wound, Juma would be much worse off today.

Because health care and immunizations are not readily available, many children acquire diseases that we rarely see in America. There is a Roots and Shoots group at the Salvation Army boarding school, where children with mental or physical handicaps live. What amazed me most was how easily these children seemed to adapt to their situations. One boy crawled into the room, pulling himself with his arms, dragging his body on the floor. He didn't have functioning legs, but that didn't stop him from being mobile. The teacher explained they didn't have an extra wheelchair and he did well enough without one.

Throughout Tanzania we saw adults who also had adapted to their disabilities. I saw a man without legs crossing the street swinging his body between his "walking" arms, his hands in a pair of thongs. I think he could have outrun me.

Most Western visitors go to Africa for its astounding wildlife. But the wildlife, incredible as it is, turned out not to have the most impact on me. Instead, I learned something I had not expected to: that the human condition in Africa is as distressing as our environmental crisis – and that the two are linked.

In Tanzania, I had my eyes opened to the world as a whole in a way that cannot happen living in a safe bubble in middle class USA. I no longer think of humans as the scourge of the earth; instead, I consider how we can improve conditions for humans and wildlife. Their environment is ours.

# 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, September 3, 7:00 p.m. Columbus Audubon Board Meeting Museum of Biological Diversity.

Saturday, September 6, 1 – 4 p.m. Wildlife on Wings at Highbanks Metro Park See page 5 for details.

#### Volunteer Recognition Saturday, September 6, 4:00 - 5:00 p.m. Highbanks Metro Park

This special event will celebrate past and current volunteers. It will take place after the community events planned for "Wildlife on Wings" (see page 5), in the Highbanks Nature Center all-purpose room. Please plan to attend if you have staffed a booth, led a field trip, given a program, cleaned bird feeders at Wild Birds Unlimited, helped with the seed sale, gone on a work trip, served as a board member, been an Eco Weekend consultant, or helped make any other CA activity happen because you were there as a volunteer! If you are interested in becoming a volunteer, this event will give you a chance to learn how you can participate and to sign up. RSVPs helpful but not necessary to Tamara James at 614-459-4476.

#### Saturday, September 13, 7:45 a.m. Season Opener Work Trip Location TBD

Help with trail work in an Ohio Natural Area Preserve with Rodger Barber and preserve managers. Call Sharon Treaster at 614-292-1395 by noon Monday, September 8, to reserve space for transportation and determine tool requirements. Bring a cup for drinking water. Meet at building E at the Ohio Department of Natural Resources Complex at Fountain Square, off Morse road. Hope to see you there!

#### Sunday, September 14, 8:30 a.m. Migration Quinella: Alum and Hoover Reservoirs Skill level: All

Migration should be peaking as we visit two of central Ohio's best viewing areas. The southern portions of Alum Creek State Park are a surprisingly good spot for migrant land birds, while the northern end of Hoover (a scant 3 miles away) is a superb spot for shorebirds and water birds. Join us as we spend the morning experiencing real winged migration. Meet at the New Galena Boat Ramp Parking lot (off Africa Rd roughly 5 miles north of Westerville) at 8:30 a.m. After hitting several spots around there, we'll move over to Hoover to search for shorebirds and waterfowl. Trip should be over by 1 p.m.; wear footwear that won't mind some mud and dampness. For more information, contact Rob Thorn, 614-471-3051

#### Tuesday, September 30 Columbus Audubon Nature Program Social time 7 – 7:30 p.m.; program 7:30 p.m.

An Audubon program on the FIFTH Tuesday of the month? Could it be? Yes, it is! For September only our program will be on the FIFTH Tuesday of the month. Join us to hear Laura Busby talk about plans for the proposed Audubon Nature Center in Columbus. See page 5 for details about this program.

#### Chaparral Prairie Overnight Work Trip Saturday – Sunday, October 4 - 5

Genteel southern hospitality will be offered by regional Natural Areas and Preserves director Martin McAllister and Roger Barber. We'll help with barn painting and trail improvements. Details will be posted on the Columbus Audubon Web site in September, or call Sharon Treaster at 614-292-1395.

#### **Avid Birders**

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

Sunday, September 7, 5:30 a.m.

Trip to northern Ohio, including monthly bird census at Ottawa Natural Wildlife Refuge.

Saturday, October 4, 5:30 a.m.

Travel to northern Ohio in search of migrant shorebirds, passerines and hawks.

# It's time for more for Birding 101!

Our popular Birding 101 series will be continued this fall and winter. Each Birding 101 course is comprised of a **Thursday evening classroom session held in the Nature Center at Highbanks Metro Park**, combined with a bird hike/practice session on the Saturday morning immediately following the classroom session. **The bird hike is also at Highbanks and starts from the Nature Center**. Below are dates, times and topics for October and November.

#### **Hawk Migration**

Classroom Session: Thursday, October 2, 7:00 p.m. We'll look at slides to compare silhouettes of various raptors and brush up on identification and bird behavior.

#### Bird Hike: Saturday, October 4, 7:30 a.m.

We'll take a 2-mile bird hike to look for fall migrating birds. Bring binoculars.

#### Birding 101 schedule continued

#### Winter Birding

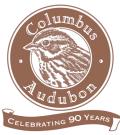
Classroom Session: Thursday, November 6, 7:00 p.m. Come to learn or brush up on sight and sound identification of our winter residents.

**Bird Hike: Saturday, November 8, 7:30 a.m.**We'll take a 3-mile bird hike to practice our new skills. Bring binoculars.

# Celebrate Wildlife on Wings

September 6, 1 - 4 p.m. Highbanks Metro Park

Individuals and families, members and non-members, are invited to join us for this exciting event - a cooperative initiative between Columbus Audubon and Highbanks Metro Park. See the schedule below.



1913-2003

#### **Special Programs/Speakers:**

1 p.m Butterflies of Ohio, Dave Parshall

2 p.m. Attracting Wildlife to Your Backyard,

Julie Davis

3 p.m. Photographing Wildlife Around Your

Home, Bill McCracken - Bring any camera,

it doesn't have to be fancy

Visit our Web site at www.geography.ohio-state.edu/CAS/ for more information about the special programs/speakers.

#### **Scheduled Activities:**

Fun with Binoculars - learn how and practice using binoculars; starts every half hour

Nature Hikes - 45-minute guided hikes within the park; start every half hour

#### **Ongoing Activities:**

- Live birds
- Creeking
- Nature games
- Family scavenger hunt
- Nature crafts for children
- Bat display with live bats
- Waterfowl viewing
- Fabulous insect collection
- Bluebird display and activity

Please join us, rain or shine!

# **CA Nature Program**

Note different week in September!

Connecting People with Nature in Columbus Speaker: Laura Busby Tuesday, September 30, 7:00 p.m. social time; program starts at 7:30

Join Laura Busby, Director of Centers and Education, Audubon Ohio, as she presents a behind-the-scenes look into the development of an emerging Audubon Nature Center. We will talk about the beginnings of this exciting center that will be at the heart of a new Metro Park near downtown Columbus. Located right on the Scioto River, this Metro Park and nature center is possible because of a unique partnership between the Columbus Recreation and Parks Department, the Columbus and Franklin County Metro Parks and Audubon. We hope to open new eyes to nature and increase awareness of the beautiful places and creatures we love. As our population becomes more urbanized, urban Audubon Centers will provide long-term benefits to habitat conservation, birds and other wildlife. Please join us for this update and an opportunity to give your ideas for programming, a center building, and site landscaping that will meet the nature education needs of the Columbus community.

#### Your BIRD REPORTS- by Charles Wheeler

In mid-July, John and Lois Day while driving east across the Fishinger Road bridge saw an adult Bald Eagle fly north over the Scioto River. In the Kendale area west of the Olentangy River, a home owner has a small pond in the backyard with exotic fish in it, Lois Day reports. One day this summer a Great Blue Heron flew in and ate all the fish. They waited several weeks and restocked the pond and once more a Great Blue Heron flew in and ate all the fish! (Before the houses were built, and for some time afterward, this area supported a heronry, with the birds using the river for a food supply.) Behavioral note: your reporter was once told by a resident still lucky enough to have a nest in her backyard that if the adult bird, in feeding the young, drops a fish to the ground, it will not fly down to retrieve it. The reason has nothing to do with the bird's flying ability: it's because a fish on the ground doesn't exist! Fish plus water is the only thing the bird recognizes. Similarly, robins will not touch dead worms washed up over the sidewalks after a spring or summer storm—they're in the wrong place and they're not moving.

On July 1 Charles Wheeler saw two (probably immature) Red-shouldered Hawks circling low over the Chelsea Road area in Upper Arlington. Being without binoculars at the time, he depended for clinching the identification on the whitish "windows" at the base of the primaries in each wing—a very useful clue that Peterson mentions but Kaufman does not. The Red-shouldered Hawk is becoming quite scarce in our area, having been unable, unlike its cousin the Red-tailed, to adapt to urban conditions.

# Birdathon exceeds \$10,000 again!

The spring rains didn't dampen the spirits of our Birdathoners. Our teams had many ways of coping with the rain: some simply went out and got wet; others did most of their birding by ear from the dryness of their car; and one team was particularly resourceful, using their total from the day before when they had also been out counting birds. But each team went out and came back smiling with tales of victory and good times. As you can imagine though, the total number of species seen was down from previous years (our record is 183). This year, three teams checked off nearly the same number of birds. Wild Birds Unlimited saw 142, Quick Three Beards saw 141, and Counting Cuckoos were right behind with 140.

Despite the difficult birding, we still raised a remarkable \$10,800! Two individuals in particular did an outstanding job: **Tom Sheley** raised over \$1500 and **Sue Kramp** raised over \$1300. Way to go Tom and Sue!! Just as important are the many teams that raised lesser amounts of money. Those donations quickly add up and we are grateful for each and every team member, because they are the backbone of the Birdathon - all 91 of them.

The Birdathon is a major fundraiser. Columbus Audubon gives a big thank you to our sponsors! Without you, the Birdathon simply would not fly. Thanks also go to the following people for their help with the details: Elaine Fujimura, Lois Golding, Dave Horn, Kristan Leedy, Bruce Renard, Elaine Smith, and Dale Williams. Congratulations to the winners of this year's grand prizes: Dave Horn and Tom Sheley each won a pair of binoculars donated by National Audubon; Sue Kramp won the free night's stay generously given by Landoll's Mohican Castle.

Many thanks to the teams listed below for making the Birdathon a success. The number following the team name is the number of species they saw or heard.

- Katryn Renard



#### Backyard Experience 44

Gerry Brevoort Joan Frederick Cyndi Henderson Lynn Singleton Lisa Zidar

#### Gone With the Wrens 53

Mary Counter Christine Eitel Barry, Sarah, & Anne Eitel **Lake Eyries** 50

Nancy Bringardner Dale Brubeck Dee Grover Marilyn Jennings Susie Saager

#### Metro Parks Stellar Jays 104

Jim Davidson John O'Meara Jim Stahl Joel Wachtel John Watts

#### Neat Nests 25 Fred Lancia

Scott, Whitney, & Sabrina Jaeb Del, Myranda, & Jordan Parrott

No Egrets 75
Becky Cummings
Elaine & Larry Smith
Roger Stout
Laura Thomas

#### Pelicans 25

Mark & Lauren Richards Benjamin & Riley Richards

#### Quick Three Beards 141

Bob Conlon Dave Horn Greg Miller Bill Whan

#### Two in a Bush 65

Patty DeMaria Elaine Fujimura Biani Moran

#### These teams each raised over \$300:

#### Chestnut Ridge Chachalacas 85

Scott Felker Bill Reiner Eric Reiner

#### Deck Birds 1

Cheri Brown Pat Barron Bev May Pete Precario

#### Marsh Madness 110 Bill & Deb Marsh

#### Selfmockingbirds 55

Karen Augenstein Jeane Candido Dave Daulton Chris Frantz Sharon Kramb Caren Wagner

#### Two Footed Boobies 89

Marcia Brehmer Marion Farber Melanie Shuter Mary Kay Wood

#### These teams each raised over \$700:

#### **Counting Cuckoos** 140 Julie & Ken Davis Jennifer Sauter

#### Mellow-bellied Snack Seekers 52

Joan & John Arnfield Becky & Aaron (3 weeks old!) Mansfield Gary Alison

#### Short build Dowagers 114

Gretchen Fluke Janet Holzworth Doreene Linzell Connie Wolcott

#### Slate (Run) Colored Juncos 93

Linda Benner
Doug & Kristen Everman
Andrea Haslage
Susan Moore
Mike Nicolai
Lori Patterson
Randall Rogers
Lynn Taylor

#### These teams each raised over \$1400:

Swans and Coots 63 Clyde Gosnell Katryn Renard Charles Wheeler Louise Warner

#### Two Good Eggs 111

Jane Kleber Sue Kramp

#### Wild Birds Unlimited - Team Riverside

Marcus England Michael Flynn Tom Sheley

# Take note . . . .

#### Different date!

If you haven't noticed it already, our September monthly program will be held on September 30, the FIFTH Tuesday of the month. We will return to scheduling our programs on the fourth Tuesday in October.

#### Bird seed sale coming up in October

Bird seed prices were still not set at the time our newsletter went to print. Watch for the October issue, which will include the seed sale details and order form.

#### Your bird reports - where the heck are they?

Maybe its been the rain. Your bird report compiler Charles Wheeler is going to quit due to boredom if you don't put him work. Send news of your local bird sightings to kleedy@larkspur-pro.com or call them in to the office at 614-451-4591.

#### Song Sparrow available by e-mail and on the Web site

Send an e-mail to casmem@juno.com if you wish to receive the newlsetter by e-mail. Say whether you want to get it only by e-mail, or if you would still like to receive a copy by postal mail as well. You can also go to our Web site and download the newsletter in PDF format. Please remember that the newsletter *usually* is available on the Web page before you get it in the mail. All our programs, trips and courses are posted on the Web site, along with a variety of other useful information and links. Check it out! **www.geography.ohio-state.edu/CAS/** 

#### The U.S. Fish and Wildlife Service requests your input ...

on its strategic plan for the future of its migratory birds program. You can access the agency's draft strategic plan - A Blueprint for the Future of Migratory Birds - and provide comments by October 10, 2003 at the following internet address http://migratorybirds.fws.gov/mbstratplan/mbstratplan.htm.

#### Special boardwalk area at Magee Marsh constructed in memory of Ernie Limes.

The Limes family and Ralph Ramey have organized an event to memorialize Ernie Limes at one of his "favorite places on the planet" - the boardwalk at Magee Marsh. A seating area has been constructed and marked with a plaque in Ermie's honor. On Sunday, September 7, friends are invited to view the area and share Ernie stories. The boardwalk area is most accessible from the west entrance to the boardwalk along the lake (the entrance marked by the warbler display). If you wish to attend, plan to meet at the warbler display area at 2:00 p.m. If you can't make it, check it out the next time you visit the Magee Marsh boardwalk. If you have questions, contact Dana Limes at 614-891-4138 or Ralph Ramey at 614-794-9686.

#### Would you like to display your artwork or collections at Columbus Audubon monthly programs?

Nature artists, photographers, collectors, etc., are invited to display their work or collections - insects, rocks, decoys, etc. - at monthly programs. If you are interested, please contact program chair Mike Flynn at 614-882-9493.

#### New birding trail opens in southern Ohio

The new Appalachian Discovery Birding and Heritage Trail was dedicated this past spring. The trail runs for approximately 200 miles. Beginning at Woodland Mound Boat Ramp on the Ohio River on U.S. 52 in western Clermont County, approximately 15 miles east of Cincinnati. The new trail was organized in part with support provided by Audubon Ohio. To request a trail brochure, contact Deb Singer at 614-224-3303 or dsinger@audubon.com.

#### 2004 Entertainment Books

The 2004 Entertainment Book are available at the bird supply stores listed below, through Columbus Audubon or directly from Dave Horn (614-262-0312, horn.1@osu.edu). The cost will again be \$30.

			- Dave Horn	
Accent on Wild Birds	1285 Grandview Avenue, Grandview		614-486-7333	
Better Earth	59 Spruce Street, Columbus, in the North Market		614-224-6196	
Backyard Experience	3337 N. High Street, Columbus		614-261-0355	
Wild Bird Supplies & Gifts	738 East Lincoln Avenue, Worthington		614-431-2473	
Wild Birds Unlimited	21 Cherry Park Square, Westerville		614-899-9453	
	5400 Riverside Drive, Columbus		614-766-2103	
	6839 East Broad Street, Reynoldsburg, Blacklick Shopping Ctr.		614-860-1133	
Columbus Audubon Society	1065 Kendale Road North, Columbus	CALL AHEAD	614-451-4591	

## **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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#### **Columbus Audubon** Founded 1913 614-451-4591 www.geography.ohio-state.edu/CAS/

\_ \$20 - Renewal

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Secretary: Revolving

Newsletter and website Editor: Kristan Leedy,

818-9440

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Davis, Mike Flynn

Additional chapter leaders: Conservation: Dave Horn, 262-0312 Work Projects: Sharon Treaster, 846-8419 Education: Susan Setterlin, 457-8130 Programs: Mike Flynn, 882-9493

Field Trips: Darlene Sillick, 761-3696 Audubon Adventures: Dave Horn, 262-0312 Eco Weekend: Lois Day, 451-4591

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451-4591

WOSU Radio Program Coordinator: Tom Thomson, 464-0103

Avid Birders: http://www.jjhammond.com /kestrel/avids/avids.htm

CA Phone Line: Lois and John Day,

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