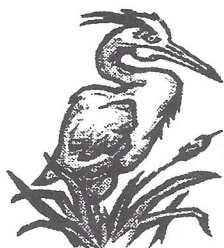
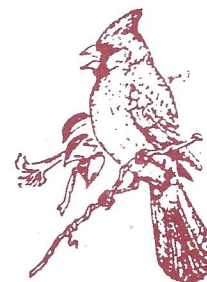


# Audubon *News and Views*



Newsletter of the Canton Audubon Society  
A Chapter of the National Audubon Society  
Established 1962



Volume 58

March - April 2020

Issue No. 5

The Canton Audubon Society is a non-profit organization, whose mission is to meet our members' varied interests in the field of nature. For some the focus is on birds and animals, for others it's on plants, and still others it's on waterways and diversities of the land. For all it is an interest to enjoy, to conserve, restore, share with others, and to educate both adults and students.

As a member of the **NATIONAL AUDUBON SOCIETY**, you are also a member of the **CANTON AUDUBON SOCIETY**, and are invited to attend our monthly meetings held at 7:00 p.m., the third Wednesday each month (September thru June), at the **STARK COUNTY PARK DISTRICT'S EXPLORATION GATEWAY**, 5712 - 12<sup>th</sup> St., NW, Canton. You will receive **AUDUBON NEWS & VIEWS** September/October issue with our calendar of activities for the entire year.

Visit our website: [www.cantonaudubon.org](http://www.cantonaudubon.org) or phone 330-209-1261 for further information about our activities.

## Calendar

### March

- Sun. 1 TWC - Closed Sundays through winter.
- Tues. 3 11:00 a.m. TWC - Nature Study Series: **Masters of Hording @** David YMCA, Jackson Twp.  
Explore the role hoarding plays in local ecosystem, from jays planting oak trees, to moles paralyzing their prey for easy storage. Cost is \$10 each. 6-part series for \$45. Call TWC to pre-register - 330-359-5235. Single program, pay at door.
- Sat. 7 10:00 a.m. CAS Board Meeting, Sippo Library.
- Tues. 10 11:00 a.m. TWC - Nature Study Series: **Masters of Flight @** David YMCA, Jackson Twp.  
From Icarus to the Wright Brothers, flight has long fascinated humans. Explore the graceful and unlikely masters of the skies. See March 3 above for costs.
- Fri. 13 8:00 a.m. Bird Seed Sale, Hartville Elevator, 111 N. Prospect Ave., Hartville. Also Sat. March 14.  
Part of proceeds donated to Quail Hollow Volunteer Assoc. Questions, call 330-877-9320.
- Sat. 14 9:00 a.m. CAS Field Trip to **Zoar Wetland Arboretum**. Meet at the Wetlands, or car pool by meeting at the Pilot Travel Center just off the Faircrest Exit of I-77. The waterfowl activity has been picking up there. Contact Scott Watkins with questions, 330-209-1261, or [sawatkin@kent.edu](mailto:sawatkin@kent.edu).
- Tues. 17 11:00 a.m. TWC - Nature Study Series: **Masters of Camouflage @** David YMCA of Jackson Twp.  
Now you see them, now you don't: for many animals, the key to survival is to simply not be seen. Meet the masters of hiding in plain sight.
- 7:30 p.m. TWC - **Woodcock Walk**, Join TWC Bird Club at dusk to listen for the American Woodcock's vocal "Peent" preceding the most spectacular aerial courtship display. Dress warmly and meet in TWC parking lot to listen and watch.
- Wed. 18 5:30 p.m. CAS Pre-meeting Bird Walk. Meet at on south-facing balcony of Sippo Lake EG,  
7:00 p.m. CAS Regular Meeting - "Evan Huegul, Stark County Wildlife Officer"  
See March Program Preview, page 3.
- Fri. 20 8:00 a.m. Bird Seed Sale, Hartville Elevator, 111 N. Prospect Ave., Hartville. Also Sat. March 13.

## Calendar – Continued

- Sat. 21 All Day **Shreve Migration Sensation**, register at Shreve United Methodist Church activity center (430 North Main St., Shreve, starting at 7:30 a.m. Cost is \$15 individual / \$20 family.
- Sun. 22 2:00 p.m. **Deer & Your Landscape**. Huston-Brumbaugh Nature Center, Alliance. 330-823-7487. H-B is hosting presentations and discussion to help shed some light on protecting your landscape from foraging deer. **Registration is required.**
- Tue. 24 1:00 p.m. **TWC Bird Banding**. See banding procedures are explained & demonstrated.
- Sat. 28 2:00 p.m. **TWC Introduction to Mushrooms & Their Ecological Role**. Presented by Dave Brumfield, a naturalist for the Summit County Metro Parks. He leads many mushroom hikes through the seasons.
- Sun. 29 7:00 p.m. **Amphibian Exploration**, Huston-Brumbaugh Nature Center, Alliance. 330-823-7487. Spring rain rouses dormant amphibians from their long winter hibernation. Explore the vernal pool and pond. Good for children and adults. **Registration is required.**

### April

- Tue. 7 6:00 p.m. **Birds: Adapting to Survive**, presented by CAS member Christopher Dyer. Sandy Valley Branch library, 9754 Cleveland Ave., SE, Magnolia. Discover the physical & behavioral adaptations birds use for surviving the hazards of a dangerous world.
- Fri. 10 10:00 a.m. **Wildflower Walk**, Huston-Brumbaugh Nature Center, Alliance. 330-823-7487. Explore the Center's old-growth forest. This is a slow, but moderate walk suitable for older children and adults. Dress for spring trail conditions. **Registration is required.**
- Sat. 11 9:00 a.m. **CAS field trip to Jackson Bog State Nature Preserve**, Fulton Road, Jackson Township. Meet in the Jackson Twp. SNP parking lot. Contact Alan Dolan, 330-832-2491 with ???.
- Wed. 15 5:30 p.m. **CAS Pre-meeting Bird Walk**. Meet at the Picnic Pavillion, WEST of the EG Building.
- 7:00 p.m. **CAS Regular Meeting - "Warbler Warmup"**, presented by Matthew Valencic.  
See April Program Preview, page 3.
- Sat. 18 1:00 p.m. **TWC Native Plant Celebration with Dr. Doug Tallamy**. See Doug, Page 4.
- Sun. 19 1 – 4 p.m. **KSU Earth Day Celebration**, KSU Stark Campus, behind main hall, on Frank Ave. CAS will have a table at the event.
- 2:00 p.m. **Earth Month Celebration**. Huston-Brumbaugh Nature Center, Alliance. 330-823-7487. This month marks the 50<sup>th</sup> anniversary of Earth Day. Its theme in 2020 is Climate Action. Great for all ages. Drop in for any or all of the afternoon's activities.
- Wed. 22 **50<sup>th</sup> Anniversary of EARTH DAY**. Celebrate in your own special way.
- Sat/Sun 24/25 9-4/1/4 **Native Plant Celebration**, TWC, Wilmot.  
See Ohio Native Plant Month, page 5. Pre-registration is required.
- Sun. 26 10:00 a.m. **Bioblitz: City Nature Challenge**, Huston-Brumbaugh Nature Center, Alliance. Runs until 4 p.m. A bioblitz is an intense period of biological surveying in an attempt to record all the living species within a designated area. Scheduled and self-guided activities with instruction will be available during the day.
- Sat. 29 5:00 p.m. **CAS Board Meeting**, North Branch Library, Room 1 downstairs.

### Arbor Day - April 24, 2020

National Arbor Day in the USA is celebrated on the last Friday in April. The day was founded by Julius Sterling Morton, a Nebraska newspaper editor, agriculturalist and Statesman. April 10, 1872 was the 1<sup>st</sup> celebration, in NE.

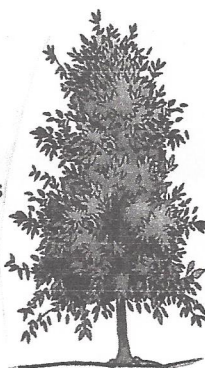
In 1989 it was moved to the last Friday in April. On this Day, Americans are encouraged to plant trees & bushes.

Looking for a way to make your Arbor Day celebration New and different? Here are two suggestions:

Give a gift of a tree, to a human or organization.

Find a plethora of suggestions at:

[arborday.org/celebrate](http://arborday.org/celebrate).



### May is CAS Election Month

At our May 20 meeting we will be electing four CAS Board members. Three of the four, Connie, Jim & Laura will be transitioning off the board, and Jacki will be running for another 2 year term. 3 volunteers are needed to fill the expiring board terms.

If you are interested in being involved in CAS business, contact Linda or one of the current CAS officers to let them know. Questions about duties as a board member? Contact an officer or board member.

Please consider contributing to the operation of the Canton Audubon Society by volunteering.

**Vote YES on Stark Parks Issue 20 Renewal**

The Canton Audubon Society, formed in 1962, has long supported Stark Parks and asks you to **vote YES on Stark Park's Issue 20 Renewal Levy on March 17.** Here's why.

For more than 50 years Stark Parks has provided great places and open spaces for Stark County residents and visitors - children, students, adults and seniors - all of us - to use and enjoy.

The fresh air, quiet, and natural settings in the parks and on the trails offer a break from busy life, busy roads, and the developed areas that occupy ever increasing acres of Stark County land.

The parks are exceptional places to observe nature and they protect an incredible array of flowers, fish, frogs and foliage, butterflies, bees and birds, all important, interconnected links in the ecological biodiversity of our county.

In addition, Stark Parks offers educational programs and contributes to scientific knowledge through wildlife rehabilitation, iNaturalist, BioBlitz, FrogWatch, Lights Out Akron-Canton, and eBird. Half of Stark County's publicly accessible eBird data collection hotspots used by ornithologists and citizen scientists to report area bird sightings are located within Stark Parks.

Support our Stark Parks renewal levy on March 17. The benefits are irreplaceable and **IT IS NOT AN INCREASE IN TAXES, IT IS A RENEWAL OF THE EXISTING LEVY!**

**March 18 Meeting Preview**  
**Pre-Meeting Bird Walk, 5:30 p.m.**

Leaving from south-facing balcony of the EG building and heading **EAST.**

**REGULAR MEETING, 7:00 p.m.**

**Presented by**  
**Evan Huegul, Stark County**  
**Wildlife Officer**

Evan will be discussing his responsibilities and experiences as the local wildlife officer with the State of Ohio.

Evan was born and raised in Clearwater Florida on a 10,000 acre wildlife preserve.

He served Active Duty in the U.S. Navy in 2007-2014 as a Search and Rescue Swimmer. Currently in the Navy Reserves for a total of 13 years of service.

He obtained a Bachelor's of Science Degree in Fish and Wildlife Biology with Oregon State University. Joined the Ohio Department of Natural Resources as a Natural Resources Officer, Division of Parks and Watercraft in 2017 at Mohican State Park. Then Joined the Division of Wildlife as a State Wildlife Officer Assigned Stark County in March 2018. He has 2 beautiful children, 8 year old Macie and 2 year old Maddox.

**Refreshments tonight: Linda Chen & Connie Rubin**

**April 15 Meeting Preview**  
**Pre-Meeting Bird Walk, 5:30 p.m.**

Leaving from Picnic Pavilion **WEST** of the EG building.

**REGULAR MEETING, 7:00 p.m.**

***"Warbler Warmup"***

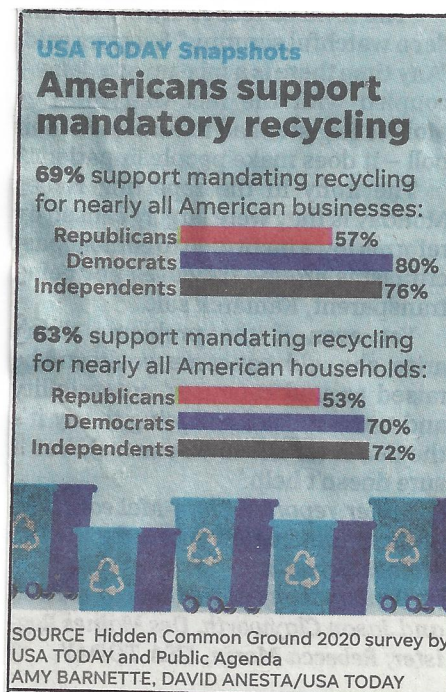
**Presented by Matthew Valencic**

Some of the prettiest birds on the planet are in NE Ohio from April through October. Most just pass through during May on their way north, but some stay here to have their babies. Because we only see them for a short time every year, we forget how to quickly identify them. This presentation uses actual photographs to help group birds by appearance AND preferred habitat. See all the warblers with eye rings on one slide. Learn about behaviors like tail wagging, skulking on the ground and walking along branches to help narrow down choices. You will learn to appreciate trilling, buzzy and high-pitched songs to narrow down birds you hear but can't see. We even send you home with a list of mnemonics like zay zay zay zoo zee (Black-throated Green Warbler).

Matt & Kelly have enjoyed watching and studying birds most of their lives before meeting about 6 years ago. Matt likes to take pictures as much as watching the birds while Kelly has a remarkable memory for bird songs, especially of warblers. They teamed up about 3 years ago to present this talk and it has become more popular than they could have imagined.

If you are a beginner, they hope to simplify the process of learning warblers – if that's possible to do. If you are a veteran of spring migration, they hope you enjoy the pictures and would consider helping the 'newbies' this May when these beautiful birds arrive in NE Ohio.

**Refreshments tonight: Linda & Del Nida**



## **CAS BUSINESS SUPPORTERS**

### **DUMONT SEED COMPANY**

619 30<sup>TH</sup> ST., NW    Canton 44706  
330-492-0204

Lawn, Garden, Hydroponic Supplies &  
Seasonal Christmas Shop

### **HARTVILLE ELEVATOR**

111 Prospect Ave., N    Hartville 44632  
330-877-9320

M – F 8-5    Sat. 8-Noon    Sun. Closed

### **HUSTON-BRUMBAUGH NATURE CENTER**

University of Mount Union  
1972 CLARK AVE.    Alliance 44601  
330-823-7487

T-F 9-4    Sat. 1-5    Sun. 1-5  
Mon. – Closed

### **THE LADY BUG GARDEN CENTER & GIFT SHOP**

#### **Donna Matako Landscape Services**

8361 Portage St., NW    Massillon 44646  
330-832-7080

Lawn care, Hardscapes, Snow Removal  
Spring/Fall Cleanup, Tree & Shrub Services  
M-F 8-6    Sat. 9-5    Sun. 10-3

### **STARK COUNTY PARK DISTRICT**

**Administration: 330-477-3552**

5300 Tyner St., NW    Canton 44708

#### **The Exploration Gateway (EG)**

5712 – 12<sup>th</sup> St., NW    Canton 44708  
330-409-8096    [www.StarkParks.com](http://www.StarkParks.com)

### **TERRA DEPOT**

4202 Portage St., NW    North Canton 44720  
330-526-8067    [www.theTERRAdepot.com](http://www.theTERRAdepot.com)

Mon. – Fri. 9-6    Sat. 9-4

Bird seed, feeders, houses  
Decorations, gifts, succulents

### **Eunice Foote Amateur Scientist & Suffragist Discovered Greenhouse Effect** by Connie Rubin

*In order to celebrate in 2020 the 100<sup>th</sup> Anniversary of ratification of the 19<sup>th</sup> Amendment that awarded women the right to vote, Canton Audubon Society is showcasing the work of women scientists.*

This month we remember **Eunice Newton Foote**, an amateur scientist and women's rights campaigner who was friends with American suffragist Elizabeth Cady Stanton. Foote attended the first Woman's Rights Convention in Seneca Falls, New York, on July 19-20, 1848. This is the event where the "Declaration of Sentiments" was presented, the document written by Elizabeth Cady Stanton that demanded equality with men in social status and legal rights, including the right to vote. Eunice Foote's name is fifth on the list of signatures on the document. (Her husband, Elisha Foote, also signed.)



Born July 17, 1819, Foote did experiments with atmospheric gases that foreshadowed the discovery of Earth's greenhouse effect. Her experiments compared the temperature within cylinders filled with different gases and revealed the ability of water vapor and carbonic acid gas (carbon dioxide) to raise temperature. Her studies led her to hypothesize that Earth would have been much warmer in the past if its carbon dioxide levels were higher. Foote's experiments during the 1850s foreshadowed John Tyndall's later experiments that are credited with describing the Earth's greenhouse effect.

Foote's experimental design wasn't sophisticated enough to reveal how these atmospheric characteristics were able to

influence solar heating, nor did her experiments demonstrate that water vapor and greenhouse gases raise Earth's temperature not by absorbing incoming sunlight, but by absorbing heat radiated from the surface.

They nevertheless appear to have led Foote to a remarkable insights about carbon dioxide

and Earth's past climate, insights which were presented on August 23, 1856, at the Annual Meeting of the American Association for the Advancement of Science (AAAS). As was often the case with female scientists, Foote's findings were NOT presented by her, but by a male colleague instead, the eminent Joseph Henry. Neither Foote's paper, nor Henry's presentation of it, were included in the conference proceedings, however. A short page and a half paper was published in the *American Journal of Science and Arts* in November 1856, and a summary of her work was published in the 1857 volume of *Annual of Scientific Discovery* by David A. Wells.

Eunice Foote's place in the scientific community, or lack thereof, is typical of the broader story of women's rights. A column in the September 1856 issue of *Scientific American*, titled "*Scientific Ladies—Experiments with Condensed Gases*," began, "Some have not only entertained, but expressed the mean idea, that women do not possess the strength of mind necessary for scientific investigation."

According to an Audubon.org/news article, "Instead of Foote's story, the historical record holds that, in 1859, the Irish physicist John Tyndall discovered the warming effect of the sun's rays on carbon dioxide and water vapor, better known as the greenhouse gas effect. Tyndall made the discovery three years after Foote, and yet he's received the credit. He still does to this day despite the truth now being known...."

### **Ohio Native Plant Month**

April has been designated as "Ohio Native Plant Month" to increase public awareness of Ohio's native plants and the many benefits they provide to pollinators, Ohio's economy, and the health of Ohio's environment.

The Wilderness Center will be hosting native plant sales, featuring over 100 different varieties of native plants. Saturday will also feature gardening seminars at a cost of \$5 each payable at the door.

Dr. Doug Tallamy will give two lectures and a book signing on April 18 from 1 – 7 p.m. In his publication *Bringing Nature Home*, Dr. Tallamy makes a case for the absolute importance of native plants in providing food for wildlife, connecting fragmented habitats and increasing the biological diversity around us.

Events for April 25, 26 will include:

- \* Edible Native Plants with Rudy Moyer
- \* My Ever Changing Wild Garden, Lynda Pryce
- \* Free Wildflower Walk with Tim & Paula Lavey
- \* Spring Mushroom Identification Walk with Don King

**Pre-registration is required. Cost \$40 TWC members, \$50 non-TWC members.**

**Visit [wildernesscenter.org](http://wildernesscenter.org) for more information.**

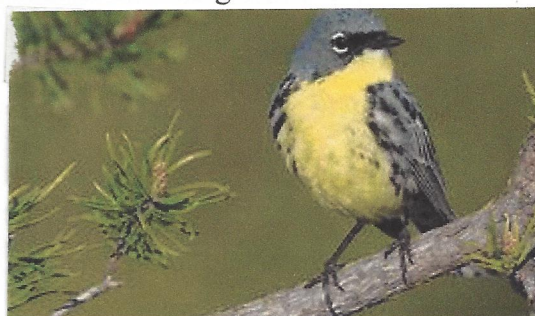
### **Kirtland's Warbler DELISTED**

On October 8, 2019, U.S. Fish and Wildlife Service announced that the Kirtland's Warbler – one of the charter members of the Endangered Species Act of 1973 – had completed its population recovery.

"The effort to recover the bird is a shining example of what it takes to save imperiled species," said Margaret Everson, principal deputy director of the U.S Fish and Wildlife Service..

Over the past five decades, the Kirtland's Warbler population has skyrocketed from a low of fewer than 200 breeding pairs to around 2,300 pairs today – more than double the SFWS's recovery goal.

"The delisting of the Kirtland's Warbler is cause for celebration and proof that the Endangered Species Act works," aid Shawn Graff, vice president of the American Bird Conservancy's Great Lakes program. "But this warbler is still among the rarest, most range-restricted migrator birds in North America. It is conservation reliant, meaning that continued management efforts are imperative for the population hold its ground."



Canton Audubon Society  
P.O. 9586  
Canton, OH 44711-9586

100% RECYCLED PAPER



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### CANTON AUDUBON SOCIETY

Chapter Supporter Membership Application  
Does not include National Audubon Society Membership

_____ Song Sparrow (Student)	\$ 10
_____ Cardinal (Basic individual / family)	\$ 20
_____ Bluebird (Business supporter, 2 years)	\$ 50
_____ Screech Owl (Sustaining)	\$ 75
_____ Bald Eagle (Life)	\$ 300
_____ Other (Name your amount)	\$ _____

Introductory National Audubon Society /  
\_\_\_\_\_ Canton Audubon Society membership \$ 20

NAME \_\_\_\_\_

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