



Flight Patterns

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FALL 2022

Serving Allen, Auglaize, Hancock, Hardin, Logan, Mercer, Shelby, and Van Wert counties

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419.999.1987

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Susan Heaply
419.302.88862

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937.694.9441

Members At Large

Birdseed Sales Co-Chair

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419.222.3271

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567.204.7974

Nancy Risner
419.516.2282

Danielle Hodges
419.233.0820

Judy Jacomet
419.236.1744

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567.204.7689

Media-

Jamie Cunningham
419.979.8650

Conservation

Dr. Eric Juterbock
216.905.8909

Program

Publicity- Vacant

Myeerah Mgmt. Group

Donald Rosenbeck
937.596.5330

Newsletter

Jeannine Roediger
567.259.9906

Ottawa River Coal. Rep.

Dr. Leslie Riley

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David Gratz

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Michael Wildermuth
419.999.6461

Volunteer

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Jennifer Waltz
419.303.4741

TMAS Board Meeting - The next TMAS Board meetings will be held in person at 7:30 p.m. Sept. 27 and November 29 in the Student Services Center on the OSU Lima campus and on Zoom.

Volunteer Opportunity—The 2022 Christmas Bird Count for the Indian Lake area is Saturday, December 17 and for the Grand Lake St. Mary's area is Sunday, December 18. Interested counters can check the TMAS Facebook page for more information in December and in the Winter newsletter.

Herbicide Use, What Does it Mean for Our Avian Friends...

By Jeannine C. Roediger

I have a very grave concern. Every year I see signs of herbicide damage on my trees and shrubs, puckering and deforming leaves that make it harder for that tree to survive. Some species are more susceptible than others. My Red Bud, Tulip Tree and Beech show it greatly, as do some of my oaks. Damage often occurs in early spring when these trees are just beginning to leaf out and are very tender and susceptible. I never know from where or when the drift occurs as some herbicides drift for up to 50 miles.

Also alarming is the fact that often, after application, some weather conditions make the herbicide vapors rise up at night and still do significant damage. Both dicamba and 2,4-D are notorious for drift issues and significant death or damage to nearby trees and shrubs. I have lost trees and shrubs as have my friends and neighbors. I have even seen damage to trees residing in a nursery. It is a wide-spread problem.

How does it affect our avian friends? Do the seeds and fruits of affected trees carry enough poisons to cause death or damage to young birds?

An article found on the National Wildlife Federation's blog page at <https://blog.nwf.org/2020/08/drifting-disaster/> states "We don't know the extent of damage to wildlife that rely on these impacted plants or use waterways where these herbicides dissolve. There are far too many unknowns about the ecological impacts of dicamba herbicides to proceed with their widespread use." However dicamba is being used more and more.

Each year herbicides are applied that are ever stronger and stronger as field weeds become more and more resistant. When farmers were encouraged to use no-till methods for crop production it led the way to greater and greater use of herbicides for weed control. It has also caused slower soil warming and poor drainage of soil. Spring rains also wash tons of crop residue into ditches and streams causing flooding issues.

Conventional tillage, which turns the soil over, will suppress weed growth much better, although soil erosion can be an issue. However, there is less reliance on herbicides. We certainly need to find some middle ground before we lose our forests and its birds to herbicides. **Continued on page 2**



Herbicide damage to Tulip Tree, above, and Red Bud, below.

Herbicides continued from Page 1...

Damage that occurs year after year must affect the life of that tree or our bird populations. Many species are also being subjected to major damage from disease and insects that have been imported. A case in point would be our ash trees, so our trees are being exposed to problems on many sides.

Living in the country, I see many commercial applicators and individuals spray these herbicides on days that are just too windy for application, both by aerial and ground applications. They are not following the prescribed guidelines that are given by the manufacturer. This increases the problems we face.

What can we do? If we see a violation it can be reported to the Ohio Environmental Protection Agency at <https://echo.epa.gov/report-environmental-violations> or we can call The Ohio Department of Agriculture at 614.728.6987 for enforcement complaints.

We can express our concerns to the National EPA administrator at Regan.Michael@epa.gov or write to the Ohio EPA Director Laurie D. Stevenson at 50 W. Town Street, Suite 700, Columbus, Ohio 43215, also the Ohio Department of Agriculture at pesticides@agri.ohio.gov This is an ongoing problem that needs to be addressed.

Program Meetings...

Tuesday, September 6 at 7:30 p.m. "Nature's Nursery"

Jamie Forbush, Education Director

TMAS is privileged to bring Jamie Forbush, education director at Nature's Nursery to Lima, Ohio. We will see a live critter from the nursery as well as hear about many others and their mission.

Nature's Nursery is a 501 (c)(3) non-profit wildlife rehabilitation center in Whitehouse, Ohio. The facility provides medical care to injured, orphaned, or ill wild animals and provides education opportunities and conservation programs. The mission of Nature's Nursery is "to improve the well-being of Northwest Ohio wildlife populations and habitats through public education and rehabilitation with an emphasis on coexistence."

Come visit with a critter from the Nursery in September and learn about the important work being done to help wildlife! ***Program meetings submitted by Nancy Risner***

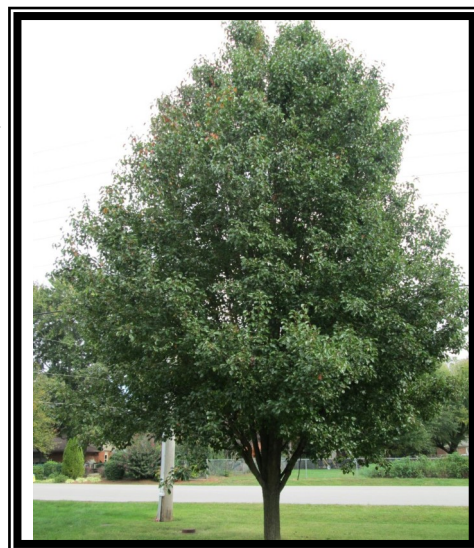


Program meetings continued...

Tuesday, October 4 at 7:30 p.m. "Why pick on the Callery Pear"

Stephanie Miller, Regional Urban Forester

Stephanie is an urban forester with the Ohio Department of Natural Resources in Findlay, Ohio. She will be speaking to us about the importance of species and variety in urban forests and why the Callery Pear tree is being added to Ohio's list of invasive plants. This tree was for sale in Ohio this past year, and it will no longer be available soon. Why pick on this pretty tree? Come to our October meeting to find out!



Tuesday, November 1 at 7:30 p.m. "To Spray or Not To Spray, That is the Question"

Jamie Hampton, OSU Extension Educator

Jamie Hampton is a county extension educator from the Auglaize County Extension Office, where she specializes in cover crops and grain production.

Originally from Southern Ohio, she grew up learning about farming. She received a bachelor's degree from The Ohio State University in 2005 and will receive her Master's in soil and agronomy from Auburn University this fall. Prior to her work at the Extension office, she was a high school physical science teacher and softball coach.

Her passions include conservation and water quality. She works with the water quality associate and the H2Ohio program to educate and offer assistance on conservation plans to help producers use their land in environmentally regenerative ways.

The topic she will bring to us is using herbicides in our lawns and gardens. Can we use them? Is there a "right amount" to help avoid resistance? Come to our November meeting to find out!



COAC Update...

The Council of Ohio Audubon Chapters (COAC) has been holding a series of online meetings to discuss long-term goals. Their Strategic Planning Objectives Committees are discussing various ways to work on improving communication methods, training for chapters and conservation activities.

The communications objective is to develop an online “conduit” to facilitate communication among chapters. Their training objective is to work with local chapters to determine what training they would like to have and to develop an objective to meet training needs. The conservation group will work with chapters to identify a conservation issue of wide interest, then develop a proposal for COAC to facilitate and lead a statewide effort.

Local chapters will be surveyed as to needs and priorities. COAC desires to be a valuable resource for information, training and communication among Ohio chapters. *Submitted by Judy Jacomet, COAC Representative*



Thank you to Dennis and Carly Schaub of Indian Lake Creations for creating and sharing this awesome Tri-Moraine Audubon Society logo/sign with us!

Field Trips...

Fall Warbler Hike -Sat., Sept. 10, – 1 p.m. – Kendrick Woods -Enjoy the challenge of fall migrating warblers as we hike in beautiful Kendrick Woods (971 Defiance Trail), an Important Bird Area and State Nature Preserve. We'll spend some time birding in the woods and then across in the wetland area and along the Auglaize River. Some binoculars will be available. Dress for the weather and ground conditions.

International Observe The Moon Night—Sat., Oct 1, – 6 p.m. – Kendrick Woods –We will join observers around the world on this specific day to take a close look at our very own moon. Members of the Lima Astronomical Society will start with a presentation on the moon and then have telescopes setup for the public at Kendrick Woods (971 Defiance Trail) to observe the moon in detail (as well as other astronomical objects). This event is weather and cloud cover dependent. Check the Lima Astronomical Society Facebook page for updates.

Grand Lake St Mary's Fish Hatchery and more- Sat., Nov 5 – 1 p.m. – Meet at Fish Hatchery- November brings the last chance to catch the dawdlers of migrating birds as they head south for the winter. While our songbirds have moved on, a lot of waterfowl species are still passing through. We'll start at the Fish Hatchery (01735 Feeder Rd., St Marys, OH 45885) and see what we can find before moving on to good birding spots nearby. Dress for the weather and ground conditions.

Killdeer Plains Saturday, March 25th - 10 a.m. – 4 p.m.

Kuffner Nature Preserve -Saturday, April 20th - 6 p.m.

Big Birding Day, Magee Marsh Field Trip—Monday, May 13th - 6:30 a.m.– ? p.m.

Johnny Appleseed Metropolitan Park District Walking Thru Autumn – 9 a.m. hikes every Saturday, 9/10-10/29 at parks.

JAMPD Apple Festival – 12-6 p.m. on September 17-18 at Lauer Historical Farm

JAMPD Meet the W.I.L.D. – Family-friendly hike to see costumed animals at Teddy Bear Park, Oct 29, 5-8 p.m.

Learn more at jampd.com

Submitted by Dan Hodges



Serving Allen • Auglaize
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FALL 2022 Newsletter

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President's Message...

Greetings,

I hope everyone had a "good" summer. As you will see in this newsletter, exciting programs, field trips, and other activities are all getting started again.

I'll have the treasured door prizes and memorable riddles ready for our first meeting. These last two years have been difficult but I'm looking forward to seeing you all again this fall.

Thank you to all the Board Members for all their time and assistance in keeping us moving ahead. For all who made a donation with the Annual Appeal and/or Membership Renewal, thank you for all your support!

Eric



Sight from summer, a fledgling Cedar Waxwing
Photo by Mary McClure