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AUTHOR DOUG TALLAMY SPEAKING IN GRANVILLE – DECEMBER 5, 2022

Doug Tallamy, author, University of Delaware professor, ecologist, and co-founder of Homegrown National Park, will share his work and research highlighting the importance of using native plant species to restore habitat biodiversity and regenerating a healthy ecosystem. His books include *Bringing Nature Home*, *The Living Landscape*, *Nature's Best Hope*, and *The Nature of Oaks*, winner of the American Horticultural Society's book award.

TIME AND PLACE: Dec. 5, 7 pm,
Swasey Chapel on Denison University's
campus.

SPACE IS LIMITED -
Please register through
the Granville Public
Library website here:
<https://granvillelibrary.org/content/evening-doug-tallamy>

Parking is available in the
garage at Slayter Hall.

The Licking Land Trust,
Denison University, 1500
Trees, the Ace of Clubs
4-H and the Granville
Public Library are proud
partners in sponsoring
this event.



Doug Tallamy, Renowned writer, Ecology Professor

FEATURED PROPERTY: RACCOON CREEK RESERVE

By Amy Mock



The Raccoon Creek Reserve protects the wooded corridor along the Creek from the west end of Raccoon Valley Park to south of the SR 16 Creek overpass. Granville Township owns the three property parcels,

which were transferred from private owners to the Township between 1993 and 1999. The Licking Land Trust holds the conservation easement for Raccoon Creek Reserve that protects the riparian zone along the waterway as shown in photo above.

CHALLENGES FACING RACCOON CREEK RESERVE

In the 2022 spring semester, four OSU students assessed the health of the Raccoon Creek Reserve as their senior capstone project in the OSU School of Environment and Natural Resources. Eleanor Chase, Logan Hatcher, Rolando Muniz, and Kevin Streaker worked with Dr. Rebecca Swab, a professor in Environmental Science and also an LLT board member. They developed a management plan focused on three challenges: creek erosion, invasive species, and the presence of a historic dump at the northwest end of the easement. This article is excerpted from their report.

WELCOME OUR NEW BOARD MEMBER!



Josh Troyer

Josh Troyer is an engineering technician with Fairfield Soil and Water Conservation District, where he enjoys helping agricultural producers and rural landowners manage land and water resources on the farm. Josh grew up in Wayne County, Ohio, before moving west to further his education. He earned a B.S. in earth science from Western Oregon University before beginning his career as a habitat

restoration biologist living and working among the redwoods of northern California.

After a ten-year stint on the West Coast, Josh returned to Ohio in 2015. His interest in natural places led him to a variety of roles in conservation, habitat restoration, and ecological monitoring. Positions with The Nature Conservancy, Dawes Arboretum, and county government have helped him truly appreciate the environmental and social benefits of open space and the value it brings to local communities. Josh is thrilled to help advance the Trust's mission to protect ecologically valuable and working lands in and around Licking County.

APPLY NOW FOR YOUTH CONSERVATION AMBASSADOR PROGRAM

The Licking Land Trust is looking for students (ages 14 to 17) to serve as Youth Conservation Ambassadors beginning April of 2023. This eight-month program aims to engage motivated and energetic youth who have an appreciation for the outdoors and protecting the environment. Youth Conservation Ambassadors serve as leaders to promote conservation awareness within the Licking County community. If you are interested in applying for this exciting program, please submit a one-page essay, one letter of recommendation from your school teacher, and contact information by February 28th to lickinglandtrust@gmail.com.

2022 Youth Conservation Ambassadors visited the Dawes Arboretum to collect and process seeds used in the Arboretum's habitat restoration projects.



Sam Busic



Ian Lancaster

THE LICKING LAND TRUST LEGACY CLUB By Lyn Boone, Treasurer

Twice in my decade on the Board of the Licking Land Trust, we have learned that the Trust had been named a beneficiary of a late member's will. What wonderful surprises these generous gifts were! One immediate thought, after gratitude, is how we would have enjoyed thanking the donor, had we known in advance of her intention to include LLT in her estate plans.

Since then, a few more donors have told us that they have included the LLT in their plans, and we are grateful indeed for these far-sighted and thoughtful members. For several years, our website has included information for such donors on a webpage describing the LLT's "Legacy Club," which is quite simply that special group of people who have named the Trust as a beneficiary in a will, trust, life insurance policy, or other giving vehicle. The Legacy Club webpage can be accessed at:

<http://lickinglandtrust.org/legacy-club>.

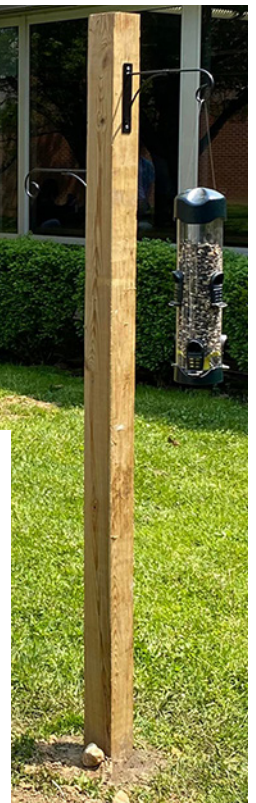
In the 2022 annual report, which will come out next summer, we plan to begin honoring known Legacy Club members by recognizing them (with their permission of course!) in a special listing in the report. We want these donors to know of the organization's gratitude, and we would like others to see that making a planned gift is a valued and effective way to support land conservation.

If you are among our supporters who have made arrangements for a planned gift to the Trust, or if you are considering doing so, would you let us know so that we can thank you and learn more about your intentions? I guarantee that your plans will be held in strictest confidence unless you allow us to recognize you in the annual report as a member of LLT's Legacy Club. Either way, your legacy can make a tremendous difference for the Licking Land Trust and its mission. Thank you!

GRANVILLE HIGH SCHOOL STUDENTS BUILD BIRD SANCTUARY By Melissa Gilbert

Four GHS students, Kate Miller, Jack Wolf, Trey Poling, and Sophie Mouser, worked with high school teacher Jim Reding to create an educational window to the natural world through a new bird sanctuary in the high school courtyard. Students have recorded nuthatches, cardinals, chickadees, and song sparrows at the feeders

and hope to start an eBird hotspot so future classes can track species activity. The project was supported by generous donations from the Licking Land Trust, Wild Birds Unlimited, Ohio Nature Education, and the Grange Insurance Audubon Center.



FEATURED PROPERTY: RACCOON CREEK RESERVE continued from page 1



Raccoon Creek is experiencing intense erosion that threatens the health of the water and riparian corridor. Complicating this is the presence of a historic dumpsite, dating from the 1910s, where household waste was buried. Flooding occurs in the area, exposing and spreading debris from the dump. The OSU students collected soil and water samples to monitor for heavy metal contamination from the dumpsite. Fortunately, the test results showed the soil and water clean enough to support a healthy ecosystem.

Invasive species are taking over parts of the wooded corridor surrounding the creek, resulting in a lack of biodiversity in the ecosystem. Invasive species such as privet and

honeysuckle are abundant. They create a dense understory that can be inedible to wildlife, and replace the native species necessary for animal and insect habitat. They result in impaired diversity of both plant and animal species.

POSSIBLE SOLUTIONS

Erosion control: Severely eroded banks need mechanical grading to decrease the slope and then native trees and bushes planted. The roots of the new vegetation could help to hold the bank in place. Other less eroded areas along the creek would benefit from a combination of installing coconut fiber rolls, seeding natives, and planting trees/bushes.

Invasive species: Extensive removal is needed, especially of privet and honeysuckle; then native species should be planted, including spice bushes, swamp oaks, red maples, and pawpaws to increase biodiversity.

Historic dump: Solutions depend on the depth and breadth of the dump; the first step is to determine the site's size. If the dumpsite is shallow, community volunteers can work at clearing the debris. More expensive solutions include excavation or soil capping of the historic dump.

The solutions for Raccoon Creek, under the direction of Granville Township, will first require applying for grants to fund the proposed projects.



Historic dumpsite

FALL TURKEY CRAFT FROM LICKING COUNTY RECYCLING

This cute turkey is made from a glass baby food jar. Glass is a wonderful item to recycle; it can be recycled over and over without losing its ability to be turned into more glass. Today we're going to give this jar another purpose to help us celebrate the things we are thankful for this holiday season.

SUPPLIES NEEDED

- 1 baby food jar painted brown
- 1 wine cork, cut in half, painted brown, glued to bottom of jar
- 1 bottle cap painted brown
- Tail feathers, drawn & cut out – see photo
- Turkey wings, drawn & cut out – see photo for shape
- 1 Turkey face, drawn and cut out – see photo
- Glue, markers, crayons



HOW TO MAKE YOUR TURKEY

1. On paper, draw tail feathers, turkey wings, and turkey face; see photo for suggested shapes. Then cut them out.
2. Color tail feathers, wings, and face using markers or crayons.
3. Put glue around the open end of the jar, then place the jar on the tail feathers. Let the glue dry while you do the next step.
4. Glue the turkey face to the solid side of the bottle cap.
5. Put glue on the "turkey neck" (the wine cork), then place the open end of the bottle cap on the glue. Now your turkey has a face!
6. Glue the wings onto the side of the jar, and enjoy your new friend.



Licking County Recycling
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DEVELOPMENT IMPACTS RACCOON CREEK HEADWATERS By Jim Bidigare

With the plans for Intel and other development near Johnstown, there will be much 'hard surface' installed in the area that forms the headwaters of Raccoon Creek. Hard surface means rooftops and paving designed to shed water quickly. Rain water – no longer absorbed into the earth – must be stored, and then gradually allowed to drain away from a site into an existing waterway. Licking County and Ohio EPA regulations require that the creek's flow rate not exceed the rate that existed before development occurred. Developers create large retention ponds to temporarily store water and slowly drain it out. While the flow rate is designed to remain the same, the duration of the flow will increase dramatically. Hard surfaces also affect groundwater recharge by preventing surface water from entering the soil.

Denison's Environmental Studies and Licking Land Trust board member Professor Doug Spieles is working with a group of Denison Environmental Studies students to gather information about the headwaters of the Raccoon Creek. The group is looking at the history of the watershed and the future pressures it will be facing, including changes brought about by this extensive development southwest of Johnstown. This group is working as an extension of the Licking County Soil and Water Conservation District. More news is coming as this group gets underway!



THANK YOU FOR MAKING FARM TO FORK 2022 POSSIBLE!



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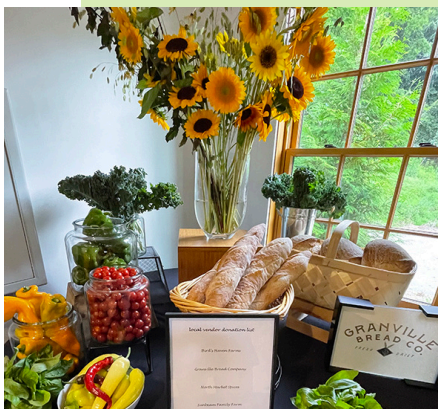
(Laurie MacKenzie-Crane)

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Special Thanks To:

Susan King
Kay Studer
Michelle Newman
Mirabelle Brady
LLT Interns
Hannah Rockwell &
Mary Kosin



8TH ANNUAL FARM TO FORK NETS RECORD SUPPORT FOR LLT

Licking Land Trust's ever-popular summer fundraiser, "Farm to Fork," was held on Saturday, August 13 and by all accounts was the most successful yet. Ticket sales numbered 214, with the crowd enjoying the capacious party venue at Moon Hall on



the Denison University campus, a site that offered both indoor and outdoor spaces. Another attraction was the scrumptious professional catering of Bon Appétit.

Each year the breadth of community support for the event increases. This year, there were 28 financial sponsorships ranging from Gold level at \$1,000 to Silver (\$500) to Bronze (\$250), and nine additional financial supporters. Auction items were donated by 70 local businesses, organizations, and individuals, and a dozen in-kind donors provided flowers, local food, music, and services.

Net proceeds from the event set a new record at more than \$25,000, much of which will help fund the Land Trust's annual operating budget. "This is a terrific outcome," said Board Chair Jim Bidigare. "We are so grateful for all the people and organizations who make this kind of success possible. Thank you, one and all!"



PHOTO CAPTIONS - Clockwise from photo above: More than 200 guests enjoyed gourmet food, socializing, and bidding on silent auction gifts. *Photo by Doug Spieles.*

Celtic harpist Christine Ramsey shared her exceptional musical skills with Farm to Fork guests on the patio at Moon Hall. *Photo by Jen Jacquot.*

Kevin Bennett and Sarah Leavell are loyal followers of Farm to Fork. *Photo by Jen Jacquot.*

From left, Janet & Nancy Gregory, and Beth and Doug Spieles enjoy a light moment at Farm to Fork. *Photo by Jen Jacquot.*

Moon Hall's outdoor patios offered additional seating options on a lovely August evening. *Photo by Doug Spieles.*





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LICKING LAND TRUST

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The mission of the Licking Land Trust is the preservation and permanent protection of central Ohio green spaces – wetlands, woods, farmlands, riparian corridors, and scenic vistas – and education about the importance of green spaces and their conservation, all for the public benefit.

Join The Licking Land Trust

Renew your membership, join, or contribute online at lickinglandtrust.org

Detach and mail this completed form with your check to:
 Licking Land Trust
 P.O. Box 196
 Granville, OH 43023



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