

NEWS YOU CAN USE



**THE PENNSYLVANIA
FORESTRY ASSOCIATION**

• FOUNDED 1886 •



**“IF YOU TRULY LOVE NATURE, YOU WILL FIND BEAUTY
EVERYWHERE.”** LAURA INGALLS WILDER

MAY/ JUNE
2022

#FORESTPROUD



PRESIDENT'S MESSAGE

As a long-time wildland firefighter, I have monitored the annual spring "Green up" which reduces the chances for large uncontrolled wildfires in Pennsylvania. Like watching a clock this process occurs very slowly. This year I left Pennsylvania in mid-May and returned home 11 days later. The explosion of vegetation growth during my absence was astonishing. As forest stewards it reminded me that forest landowners need to regularly monitor their property for changes especially concerning insect infestations, signs of disease, and invasive species. Caring for a complex forest ecosystem is challenging for us all. A major goal of the Pennsylvania Forestry Association is to help inform you of forest and woodland threats, concerns and challenges. It is also a major goal to provide connections to resources, tools and programs that help all of us have a better understanding of how important the stewardship of our forest ecosystem is.

Providing information via the PFA website is also important. PFA is excited to announce a long overdue redesign of our website is underway. This is a total re-do, and we are happy to be working with 3Twenty9 Design, of Bellefonte, PA. Stay tuned for details.

Making sure information is shared about the challenges facing our forests and woodlands is important, but it is equally important to share the positive things that happen. On April 30, 2022 the 30th Annual Sproul State Forest Tree Planting Ramble was conducted. PFA Life Member, Norman LaCasse organized the first tree planting ramble and continued in that role

until recent years. Happily, Norm was able to visit during year's event. PFA members and friends, Lock Haven University students, local boy scouts, Bureau of Forestry staff and retired

employees worked together and planted 4000 Norway Spruce seedlings. The Henry Wessel Fund, created in 2018 to assist with tree planting on State Forest Land, provided lunch for the tree planters. **Please plan to join us next year on April 22, 2023.**

To honor Jim Finley's exceptional contributions to Pennsylvania's forest landowner education

Penn State Center for Private Forests has officially changed their name to the James C. Finley Center for Private Forests at Penn State.

If you would like to donate to this effort to support the James C. Finley Center for Private Forests at Penn State, send your donation to Pennsylvania Forestry Association P.O. Box 208, 106 School St.; Suite 208, Spring Mills, PA 16875. Designate James Finley memorial contribution in the note section of your check.

Randy White

Randy White, President



**2022 SPROUL TREE
PLANTING RAMBLE**

WATCHING OUR WOODS

HAVE YOU SEEN SOMETHING EAT A SPOTTED LANTERNFLY?

A Penn State graduate study launched in 2020 to learn which species of birds and other predators are eating spotted lanternflies continues to rely on reported sightings from the public.

Kelli Hoover, professor of entomology in Penn State's College of Agricultural Sciences, and Anne Johnson, a doctoral candidate in entomology, are spearheading a study that asks anyone who observes a bird or other predator feeding on one of the invasive insects to report that sighting in an email to birdsbitingbadbugs@gmail.com.



PHOTO BY
JEAN ZOUN

The spotted lanternfly is native to Asia but is spreading quickly across North America after being found in Berks County, Pennsylvania, in 2014. Researchers continue to work to develop knowledge about how the insect will fit into the ecosystem in its new home, such as new predator-prey relationships.

Anyone reporting a sighting is asked to include the common name of the predator, life stage of the lanternfly being preyed upon, date and location of the observation, any behaviors observed, and a photo of the encounter.

Also, the study is especially interested in whether the predator attempted to eat the insect, dropped it or finished eating it, and if it spit out the wings but ate the rest.

"Because the spotted lanternfly is a non-native insect, it doesn't have natural enemies in the U.S. to keep its numbers in balance," said Hoover. "Finding predators that live in our environment would be a great biological control option and useful in guiding management practices."

At risk are agricultural commodities — including grapes, tree fruit, nursery plants and hardwood trees — as well as natural habitats, parks and backyards.

Hoover and Johnson explained that in its native environment, the spotted lanternfly is kept in check by several predators, including a parasitic wasp. However, importing new species to the U.S. as a control measure requires numerous studies on environmental impact and regulatory approval, a process that can take years.

"Unfortunately, we don't have years," Johnson said. "But if we can find native species that will prey on spotted lanternfly and ways to encourage this behavior, then we can use these species in control programs more effectively. To help with this, more information about the types of birds and their feeding behaviors, such as eating mainly nymphs or avoiding eating the wings on adults, is crucial to know."

- **Spotted lanternfly quarantine zone expanded to 45 Pennsylvania counties**

They also want to know if the pest's preferred diet — *Ailanthus altissima*, known as tree of heaven — influences how it might taste to birds. They theorize that the chemicals in tree of heaven might cause the insect to have a "bitter" flavor, especially in later life stages when the pest is eating profusely.

"Insects have developed ways of protecting themselves, and one involves colorful markings," Hoover said. "Colors are a warning sign that signals to predators, 'Stay away, I taste bad.' This could be the case with the spotted lanternfly, which displays red and black markings as the insect matures."

A Facebook page, "Birds Biting Bad Bugs," also has been created.

To learn more about the spotted lanternfly, the state-imposed quarantine, management techniques and how to report a sighting, visit the Penn State Extension website. [Marcus Schneck mschneck@pennlive.com](mailto:mschneck@pennlive.com)

TREES AREN'T A CLIMATE CHANGE CURE-ALL - 2 NEW STUDIES ON THE LIFE AND DEATH OF TREES IN A WARMING WORLD SHOW WHY

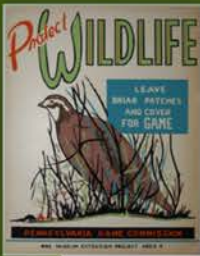
<https://theconversation.com/trees-arent-a-climate-change-cure-all-2-new-studies-on-the-life-and-death-of-trees-in-a-warming-world-show-why-182944>

Dr. Anderegg discusses carbon offsets, climate change and a realistic look at what a forest can do to help with these.



CALENDAR OF EVENTS

THERE ARE PA STATE PARKS- CHECK THEIR CALENDAR FOR SOME AMAZING EVENTS. HIGHLIGHTS INCLUDE: CCC CAMPS AT POE VALLEY, ENVIRONMENTAL STREAM STUDIES, ARCHERY, CAMPFIRES... THE POSSIBILITIES ARE ENDLESS.



2 GREAT WAYS TO EXPLORE PA HERITAGE!



THE PENNSYLVANIA FORESTRY ASSOCIATION

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PA CONSERVATION HERITAGE MUSEUM OPENS

Pennsylvania Conservation Heritage Museum @ Middle Creek Wildlife Management Area With joint funding from the Conservation Officers of Pennsylvania, the Pennsylvania Game Commission is pursuing efforts to bring the story of Pennsylvania's conservation history to Middle Creek Wildlife Management Area. With over 300,000 visitors each year, the Middle Creek Visitors Center is a logical place to display and inform the public of the rich conservation heritage that Pennsylvania has. In addition to the hundreds of thousands of visitors annually, Middle Creek Wildlife Management Area offers quality permitted hunting opportunities to close to 1,000 hunters each year and provides educational programs to close to 9,000 students each year. The Pennsylvania Conservation Heritage Museum will feature a rotation of artifacts that date to before the formation of the Game and Fish and Boat Commissions. The museum will also provide interactive displays showcasing stories of conservation efforts from centuries ago to today. By providing attractive displays and informative and hands on exhibits, the public will leave Middle Creek with many memories and better understand the role conservation history in Pennsylvania has played in their life. The museum will be attached to the north end of the existing Visitors Center and allow consumptive and non-consumptive users to better understand the Game Commission's history and mission and how Middle Creek Wildlife Management Area and State Game Lands continue that mission today. By visiting the existing interactive exhibits that are already at the Visitors Center and exploring the new Pennsylvania Conservation Heritage Museum, the public can better understand the Pennsylvania Game Commissions role, regardless if you are a hunter or not.- PA GAME COMMISSION PRESS RELEASE

FOREST HERITAGE MUSEUM IS OPEN

The Forest Heritage Discovery Center located at Caledonia State Park on Rte. 30 in Fayetteville, PA, is open for the 2022 season. With the great weather we had a very busy Memorial Weekend. Our new assistant manager this summer is Quinton Nace from New Oxford, PA. Quinton will be graduating this fall with a B.S. in Environmental Science and Biology from Virginia Wesleyan University. He is currently busy learning about all the exhibits in the Center. This summer the Discovery Center is open from 12 to 5 on Friday, Saturday, Sunday, and holidays, until Labor Day Weekend. Stop by to say Hi to Quinton and visit the Discovery Center if you get a chance. If you can't make it in person, you can see videos on many of the exhibits at the PFA's website, paforestry.org, where you can also find a map to Caledonia, which is open from sunrise to sunset all year long.

Have you checked out the PFA YouTube Channel?
Now is the perfect time if you haven't!
Enjoy the 5th video in the Discovering PA's Forest Heritage
<https://youtu.be/lrQDhRgJwPA>



PennState Extension

AS ALWAYS, PENN STATE EXTENSION CONTINUES TO OFFER SOMETHING FOR EVERYONE!

[CLICK HERE TO FIND YOUR NEXT CLASS](#)

BE ON THE LOOKOUT



**ANNUAL TURKEY SURVEY BEGINS JULY 1-
AUGUST 31.**

THE PA GAME COMMISSION The Pennsylvania Wild Turkey Sighting Survey opens July 1 and runs through Aug. 31. Participation is important for turkey population management. Survey data allow the agency to determine total wild turkey productivity and compare long-term reproductive success within Pennsylvania and across states, as this is a standard methodology used across the country. Data also are used in the turkey population model to track population trends.

Turkey sightings can be reported through the Game Commission's website <https://pgcdatacollection.pa.gov/TurkeyBroodSurvey>.



Trawling for Nurdles

Nurdles are tiny pieces of plastic that are the beginning of most plastic products. the PA Environmental Council (PEC) reports on the cleanup in the Allegheny river region following the main derailment of a train hauling these particles.

Click the picture to hear the story.

TREE PENNSYLVANIA

PA URBAN & COMMUNITY FORESTRY COUNCIL



The upcoming Fall 2022 Bare Root Tree Grant term with TreePennsylvania. Funding for this term is made possible through private donors, USDA/USFS, and the PA Department of Conservation and Natural Resources.

Please join us for an informational webinar on Monday, July 11th at 10am EST. This webinar is open to any community interested in participating in the upcoming grant term - attendance is not required to apply for this opportunity. To access the webinar, please use this link. Registration for the webinar is not necessary.

PennState PROGRESS Ag DAYS

VISIT US OR VOLUNTEER AT AG PROGRESS DAYS

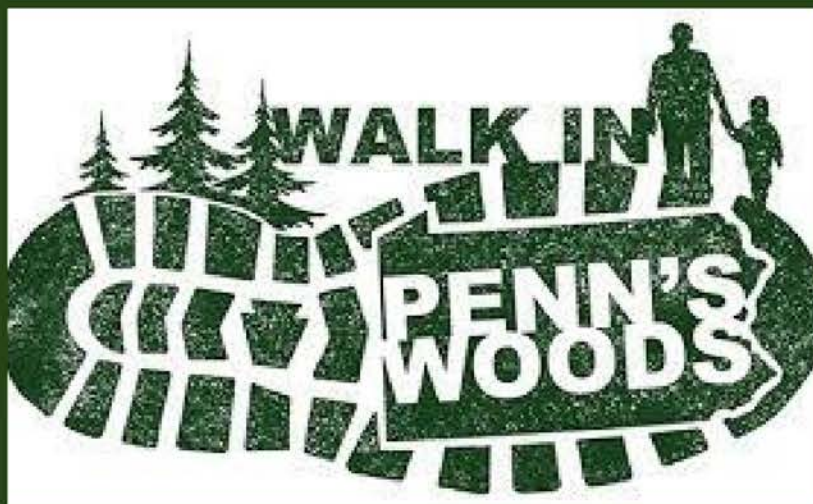
AUGUST 9-10-11

The Russell E. Larson

Agricultural Research Center

2710 W. Pine Grove Road

Pennsylvania Furnace, PA 16865



**SUNDAY
OCTOBER 2, 2022**

www.walkinpennswoods.org

PENN'S FOREST CARBON: GROWING GREEN



**THE PENNSYLVANIA
FORESTRY ASSOCIATION**

• FOUNDED 1886 •

**SATURDAY | NOVEMBER 5, 2022
TOFTREES, STATE COLLEGE PA**

TOFTREES RESORT & CONFERENCE CENTER
HOTEL RESERVATIONS 814-234-8000
SPECIAL ROOM RATE \$99/+TAX
DEADLINE OCTOBER 5, 2022

what is forest carbon?

Can I still harvest timber on my property?

What are the costs to me?

What are my responsibilities as a landowner?

If my property is also enrolled in a carbon program will I receive payment?

What will happen if the property is sold?

THIS IS A CAN'T MISS FOR:

FOREST/WOODLAND OWNERS

PROFESSIONALS

COMMUNITY LEADERS

STUDENTS

WWW.PAFORESTRY.ORG

Our office has moved.

Please note that mailings and information will
come from:

Pennsylvania Forestry Association
PO Box 208
106 School St. Suite 208
Spring Mills PA 16875

800-835-8065



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