



NJ Invasive Species
Strike Team

FoHVOS
FRIENDS OF HOPEWELL VALLEY OPEN SPACE

Come to Our Potluck Social in October!

Strike Team Potluck Social – October 21, 2023 – **FREE EVENT –**
[Register Here](#)

Purely for fun, enjoy eating wild edible recipes while spending time with colleagues, private landowners, hunters, and stewardship volunteers from around the state. If you aren't a forager, please show your shopping skills by bringing some interesting eats. The event will be held at a private residence located in Hopewell Township on October 21st from Noon to 2 pm.

This month's Live and Learn is provided by Rosa Yoo, formerly of the NJ Forest Service where she studied threats to forest health. Rosa has since taken a job in Pennsylvania, but she provided some great updates on newly emerging forest pests and pathogens to me earlier this year. We are sad to see Rosa go, she was an instrumental member of our Technical Advisory Committee for many years and I always appreciated her steady assessment of very, very troubling new invaders. Rosa's replacement is Ben Pisano, we are lucky to have him to guide the Strike Team moving forward!

Mike Van Clef, Ph.D.
FoHVOS Stewardship Director
Strike Team Program Director

Lisa Wolff
Friends of Hopewell Valley Open Space
Executive Director

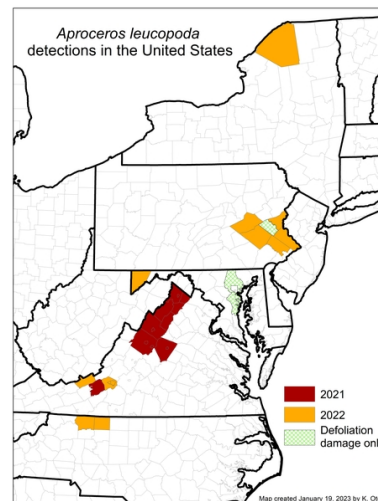
Live and Learn

New Jersey Forest Health Program - Pests of Concern

By Rosa Yoo

Elm Zigzag Sawfly (Aproceros leucopoda)

Elm zigzag sawfly (EZS) is an insect native to Asia, and feeds on all species of elm trees. EZS was first discovered in North America in Quebec, Canada in 2020, and has since been detected in NY, PA, MD, WV, VA, and NC. The sawfly larvae feed on the leaves of elm trees in a “zigzag” pattern and can have multiple generations per year, causing severe defoliation and eventual tree mortality. Interesting fact: all EZS are female, they do not need a male to reproduce!

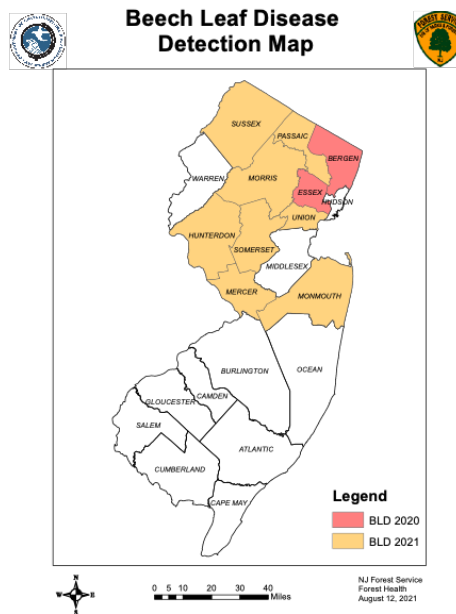


Beech Leaf Disease

Beech leaf disease (BLD) is a disease of unknown origin and affects both American and ornamental species of beech trees. BLD is associated with the nematode *Litylenchus crenatae mccannii*, a type of microscopic clear worm. BLD was first detected in Ohio in 2002, but has been found in several states, including NJ in 2020. Symptomatic beech leaves have a dark banding pattern between the leaf veins, most easily seen when the leaf is held up to light. Although BLD impacts beech of all sizes and age classes, smaller

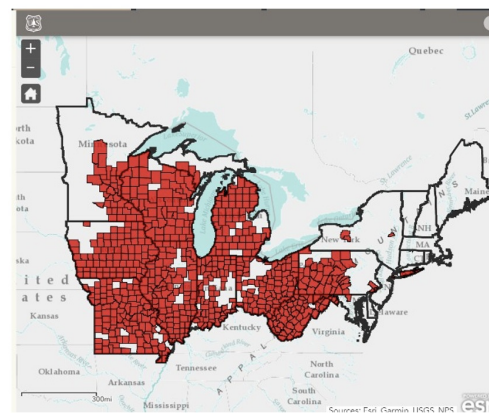


understory beech seem to be most susceptible.



Oak Wilt (*Ceratocystis fagacearum*)

Oak wilt is a fungal disease of unknown origin that affects all species of oak trees, but trees in the red oak family are most susceptible. The leaf scorching caused by oak wilt looks very similar to the native disease, bacterial leaf scorch, the primary difference being oak wilt infected trees will die within months to years of being infected, whereas BLS can take ten or more years to kill a tree. Oak wilt is spread by both insects and underground root grafts. Precautions are necessary when pruning oaks or planting oaks in oak wilt impacted areas to prevent further spread.



To report a forest health concern please contact the NJ Forest Health Program at foresthealth@dep.nj.gov, or 609-292-2532. Thank you!

Upcoming Events

Please contact [Mike](#) if you are interested in attending any of the following scheduled events.

- **September 22, 1:00pm-2:00pm, YMCA Camp Linwood**
 - NJ Woodland Stewards - Invasive Species for Forest Landowners
- **September 30, 10:00am-3:00pm, Ely Park, Main Street, Lambertville**
 - Lambertville Goes Wild Green Fair
- **October 11, 7:00pm-8:00pm, Cranford Public Library**
 - Invasive Species Threats, Identification and Control
- **October 13, 11:45am-12:45pm, The Conference Center at Mercer County College**
 - [ANJEC Environmental Congress](#) - How Environmental Leaders Can Help Restore Biodiversity
- **October 15, 1:00pm-4:00pm, Rock Ridge Lake**
 - Invasive Species Presentation and Hike
- **October 20, 9:00am-3:30pm, Duke Farms**
 - [Invasive Species Identification, Prioritization, and Management Techniques](#)
 - Co-taught with Michael Bellaus, Duke Farms; CEU's available
- **October 25, 1:00pm-4:00pm, Ewing Community Center**
 - Invasive Species Threats, Identification, and Control
- **November 14, 7:00pm-8:00pm, Clifton Public Library**
 - Invasive Species Threats, Identification, and Control

Volunteer with us!

Looking for a volunteer opportunity?
The NJ Invasive Species Strike Team is the organization for you!
Visit our sign up genius below to share your interests with us.
Contact mvanclaf@fohvos.org for more information.

I'm Interested!

Consider a Membership Donation

The Strike Team needs your help to fight invasive species throughout New Jersey. By making a membership donation, you directly fund our efforts to keep invasive species at bay and protect our native plants and wildlife. Donate through the link below!

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FRIENDS OF HOPEWELL VALLEY OPEN SPACE



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