

THE EMERALD ASH BORER

At the April meeting, **Bruce Swift** presented a summary of his findings regarding the Emerald Ash Borer, a pest that arrived from its original home in Asia and began infecting trees in North America in 2002. Here's a summary of what Bruce assembled.

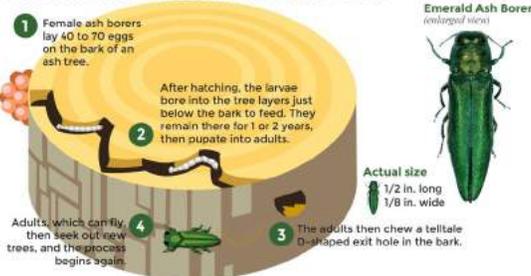


The Emerald Ash Borer (EAB) is an Asian Beetle that infests and kills all species of American Ash: White, Black Green and Blue. EAB was discovered in the United States in Southeast Michigan in 2002. It is believed that EAB came to America via solid wood packing either on ships or aircraft from infested wood from Asia.

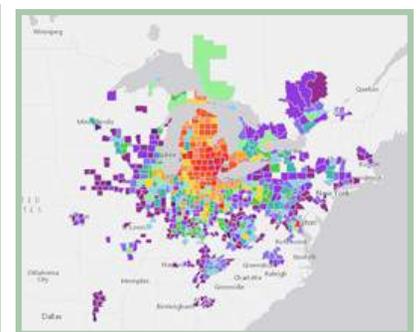
to ash trees. Infested trees will decline from the top down and will be dead in approximately 2 to 4 years, even if the trees were healthy before being attacked by EAB.

Typically (80%), an adult beetle flies less than 2 miles from the pupate site. A few (20%) may travel as far as 25 miles. The largest cause of EAB spreading to uninfested areas is human movement of infested ash wood, primarily as firewood. Movement of untreated firewood by campers, homeowners, and yes, woodworkers, can accelerate the spread of EAB by years.

LIFE CYCLE OF THE EMERALD ASH BORER



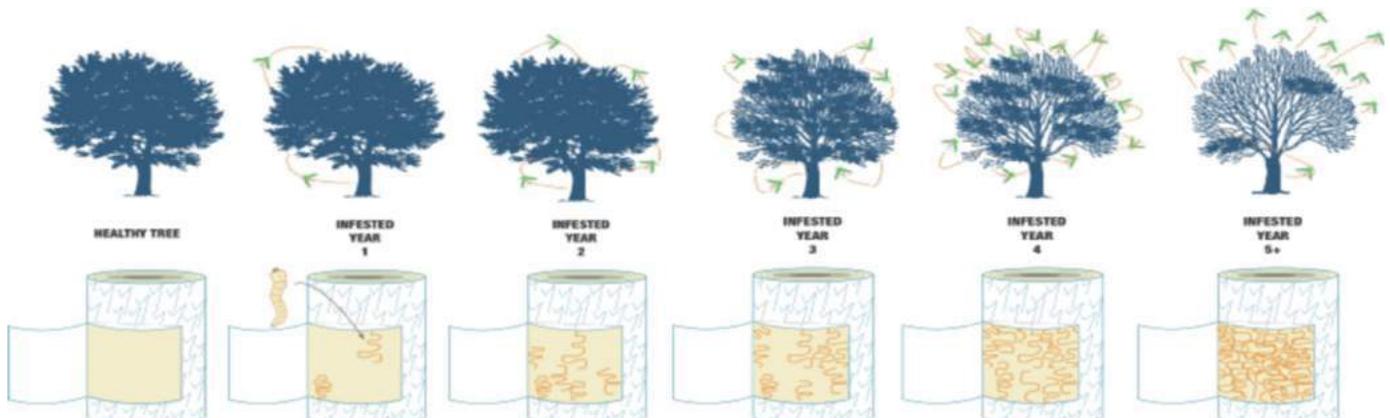
The left picture below shows the spread of EAD a year after it was first discovered in January 2003. The right picture shows the spread of EAB in January 2016.



Between May and September adult beetles mate and the females lay eggs upon the bark of ash trees. An egg cluster may be as large as 100 eggs. The eggs hatch as larvae, which bore into the cambium tissue between the outer bark and the sapwood. The larvae live for one to two years destroying the cambium tissue, which carries sugars from the leaves to the remainder of the tree. The larvae change (pupate) into sexually mature adults in April. The adults emerge from the tree, seek new foliage to feed on, mate, and the cycle begins again. Once the beetle infects a tree, the tree's life span is less than four years. You can tell infested trees because of canopy drawback plus yellowing and browning leaves. EAB infestation is always fatal

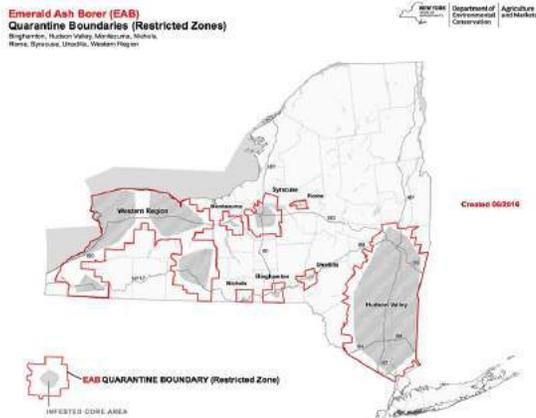
WHY DO I CARE AS A WOODTURNER?

By picking up and transporting ash, you can be helping spread the emerald ash borer and you could be violating the law in doing so! The New York State Department of Environmental Conservation (DEC) is part of a larger effort to

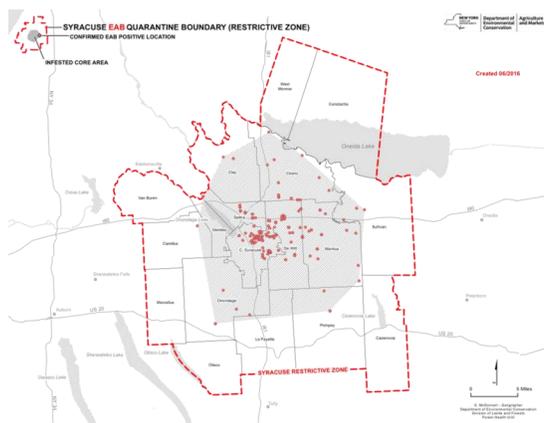


EMERALD ASH BORER, CONTINUED

address the EAB infestation. In May of 2016, the DEC created 14 restricted zones in New York to create quarantines around the infestation as shown in the map below. The



restricted zones generally follow town lines. If 30% of town falls in core infested area or surrounding 5 mi buffer, the town is included in the restricted zone. The zones change as needed as new infestations are found. For example, here is the quarantine area for Central New York:



WHAT IS REGULATED?

- ✓ Ash wood
- ✓ Ash logs
- ✓ Ash Firewood (untreated)
- ✓ Ash Nursery Stock
- ✓ Wood Chips

WHAT CAN I DO TO PREVENT THE SPREAD OF THE EMERALD ASH BORER?

First, be aware of the restrictions on the movement of all types of firewood, not just ash

firewood in NYS. Firewood of any kind cannot be moved more than 50 miles from its source at any time. Second, ash wood cannot be moved out of a restrictive zone at any time. As you can see from the map left, much of Central, Western and Southern NYS are part of a restrictive zone.

Most of us have seen piles of wood along the roads because National Grid is actively cutting all ash trees along its rights-of-way. Can you pick it up? First check with the property owner as they may have plans for the wood. Second, remember, you cannot move the wood from the restricted zone. And, third, remember that New York State is a self-reporting state so you need to download and complete the DEC’s “Self-Issued Certificate of Origin for Transport and Possession of Untreated Firewood”. The regulations don’t talk about using wood for turning once it is acquired but remember, there are quarantines for all sorts of wood.

Your best bet? Review guidelines at the DEC website: dec.ny.gov. Also educate yourself at this general information website: <http://www.emeraldashborer.info>

Questions? Dr. Chad Dawson is a good club resource. But you can also contact the DEC directly at their firewood information line: firewood@dec.ny.gov or 1-866-640-0652.



THE EMERALD ASH BORER — AN UPDATE

At the April meeting, **Bruce Swift** presented a summary of his findings regarding the Emerald Ash Borer, a pest that arrived from its original home in Asia and began infecting trees in North America in 2002. Two pages of information were presented in the May newsletter. **Matt Revenaugh** sent along updated information released on May 11th. Here's what you need to know.

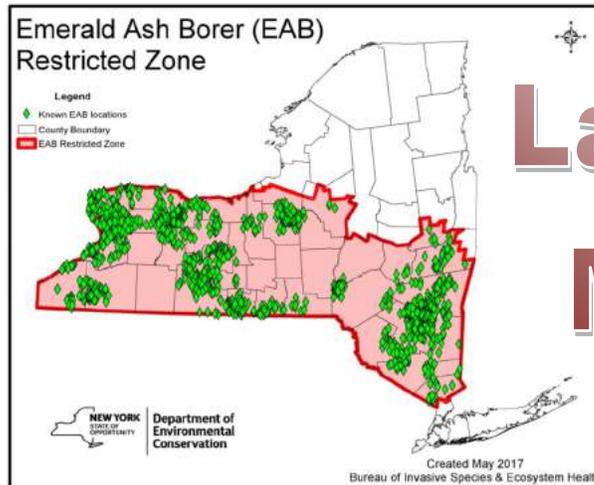


On May 11th, the New York State Department of Environmental Conservation (DEC) and Department of Agriculture and Markets (DAM) today announced that eight existing Emerald Ash Borer (EAB) Restricted Zones have been expanded and merged into a single Restricted Zone in order to strengthen the State's efforts to slow the spread of this invasive pest.

The new EAB Restricted Zone includes part or all of Albany, Allegany, Broome, Cattaraugus, Cayuga, Chautauqua, Chenango, Chemung, Columbia, Cortland, Delaware, Dutchess, Erie, Genesee, Greene, Livingston, Madison, Monroe, Niagara, Oneida, Onondaga, Ontario, Orange, Orleans, Oswego, Otsego, Putnam, Rensselaer, Rockland, Saratoga, Schenectady, Schoharie, Schuyler, Seneca, Steuben, Sullivan, Tioga, Tompkins, Ulster, Wayne, Westchester, Wyoming, and Yates counties. The EAB Restricted Zone prohibits the movement of EAB and potentially infested ash wood. The main map is right and available on the DEC website <http://www.dec.ny.gov/animals/7253.html>.

“The expanded Restricted Zone for the destructive pest Emerald Ash Borer will help to slow the spread of this tree-killing beetle, protecting millions of ash trees in New York,” said DEC Commissioner Basil Seggos. “DEC will continue our efforts to slow the spread of this beetle and do what we can to help communities prepare for EAB.”

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Latest Map

