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ACTION STEPS TO ADDRESS IMPACT OF EMERALD ASH BORER

CURRENT STATUS:

1. *Participate in United States Department of Agriculture-Emerald Ash Borer Trapping Program*
2. *Develop Methodology for inventorying ash trees*
3. Develop Emerald Ash Borer Management Program
4. Implement Emerald Ash Borer Management Program

1. Participate in United States Department of Agriculture-Emerald Ash Borer Trapping Program

What is that Purple Thing Hanging in the Tree?

It's a sticky trap that the United States Department of Agriculture officials and cooperators are using to identify where the invasive pest, Emerald Ash Borer (EAB) is located. **EAB is currently not known to be in Connecticut.**

EAB Purple Panel Trap

How does the trap work?

The trap uses Manuka oil as an attractant to lure the beetles to it. The surface of the trap is coated with a sticky material which causes the EAB to adhere to it.

How long will it be there?

The traps will be hung in ash trees from May through August.

Will the traps bring EAB into the area?

No, the traps will not bring EAB into an area that is not already infested.

What is Emerald Ash Borer?
A metallic green colored, wood-boring beetle that is lethal to all North American ash trees. It spends most of its life as a larva under the bark of an ash tree.

How did it get here?
It most likely entered the U.S. through wooden shipping material from Asia. Now, it is moving swiftly across the country through firewood, ash log, and nursery stock movement.

What does it do?
EAB will kill an ash tree in three to five years.

Save the Ash- Be Part of the Solution
Nearly all EAB finds are believed to be directly related to movement of ash material from infested areas. You can help slow the spread of this devastating pest by surveying your own ash trees and not moving firewood from your home to other areas. Take the Symptom Checklist quiz on the right:

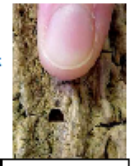
EAB Adult

EAB Larva

Symptom Checklist

After you have determined you have an ash tree, check for the following symptoms:

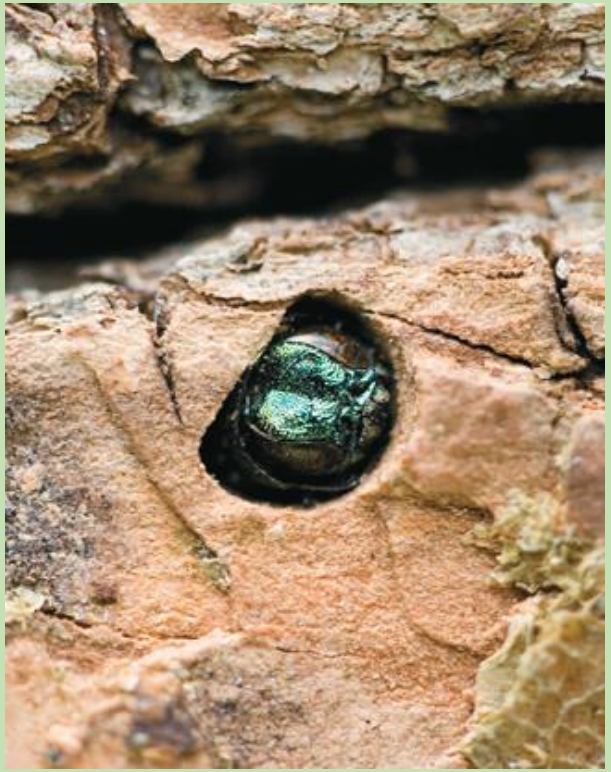
- ✓ Distinct D-shaped exit holes in the bark
- ✓ S-shaped tunnels on surface under the bark
- ✓ Sprout growth at the tree base
- ✓ Unusual activity by woodpeckers
- ✓ Die-back on the top third of the tree
- ✓ Vertical splits in the bark


D-shaped hole

If your tree has 2 or more symptoms, report signs to CT Agricultural Experiment Station by sending digital photos to CAES.StateEntomologist@ct.gov. Need help identifying an ash tree? Go to www.emeraldashborer.info

For Questions regarding the 2011 CT EAB trapping program, please contact Thomas Worthley, UCONN Cooperative Extension, at 860-345-5232 or visit the EAB website:

www.emeraldashborer.info

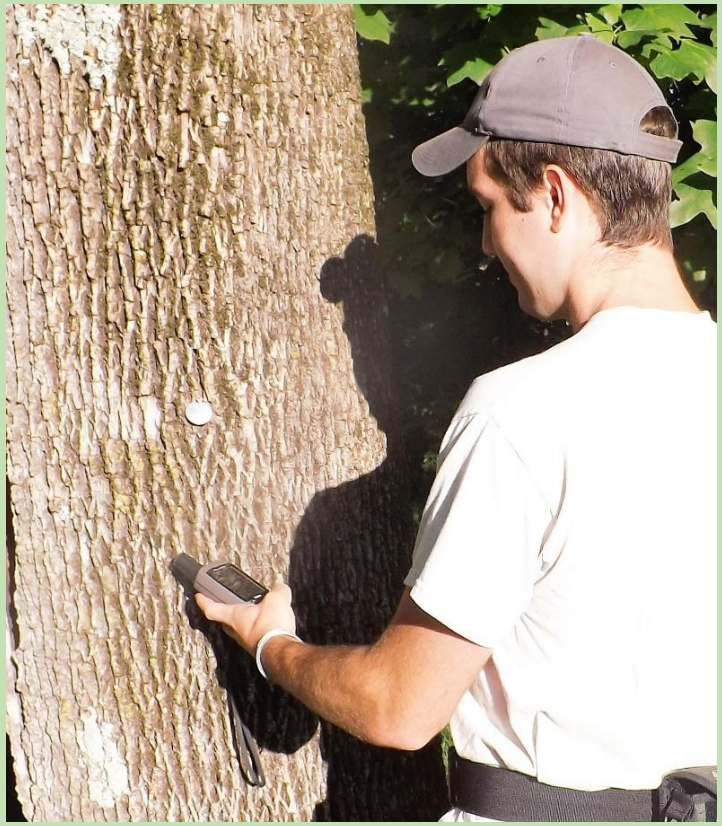


NJDA Emerald Ash Borer Survey
(1 trap at each location)

- **Silas Condict County Park**
  - **1,508-acres**
  - **38.76-acres developed**
- **Mahlon Dickerson Reservation**
  - **3,346-acres**
  - **120-acres developed**
- **Lewis Morris County Park**
  - **2,196-acres**
  - **78-acres developed**
- **Schooley's Mtn. County Park**
  - **792-acres**
  - **47-acres developed**

1. Develop Methodology for Inventorying Ash Trees

Developing a GIS-based tree inventory system to collect data on ash trees located in high use areas; playgrounds, picnic areas, ballfields, parking lots, buildings, etc. on park properties. This inventory will provide data on the total number of trees and their location, species population, size, health, and other attributes. This data will be used to project the effect the EAB will have on parkland.



MCPC - Ash Tree Inventory

Park Name: _____ **Location Within Park:** _____

Surveyor(s): _____ **Date:** _____ **Start Time:** _____ **End Time:** _____

Tree Id #	Species	Multiple Stems?	DBH (in)	Tree Condition	Health Issues	EAB Sign	Potential Target	Comments

Tree Condition: 0 = Dead; 1 = Poor; 2 = Fair; 3 = Good

Tree Health Issues: Bark damage, Broken limbs, Cankers, Cavities, Conks, Crown dieback, Dead branches, Dead crown, Decay, Epicormic shoots, Gummosis, Root heaving, Small and discolored foliage, Unbalanced crown

EAB Sign: Adult, Larva, Bark splitting, Serpentine galleries, D-shaped exit holes, Woodpecker activity, Other

Potential Target: Road, Utility, Fence, Private Property, Recreation Area, Passive Recreation Area, Parking Lot, Trail, Sidewalk

DBH Class	
0-3	24-30
3-6	30-36
6-12	36-42
12-18	>42
18-24	

Lewis Morris County Park Results

- 505 trees
- 43 hours field work
- 28 hours data entry

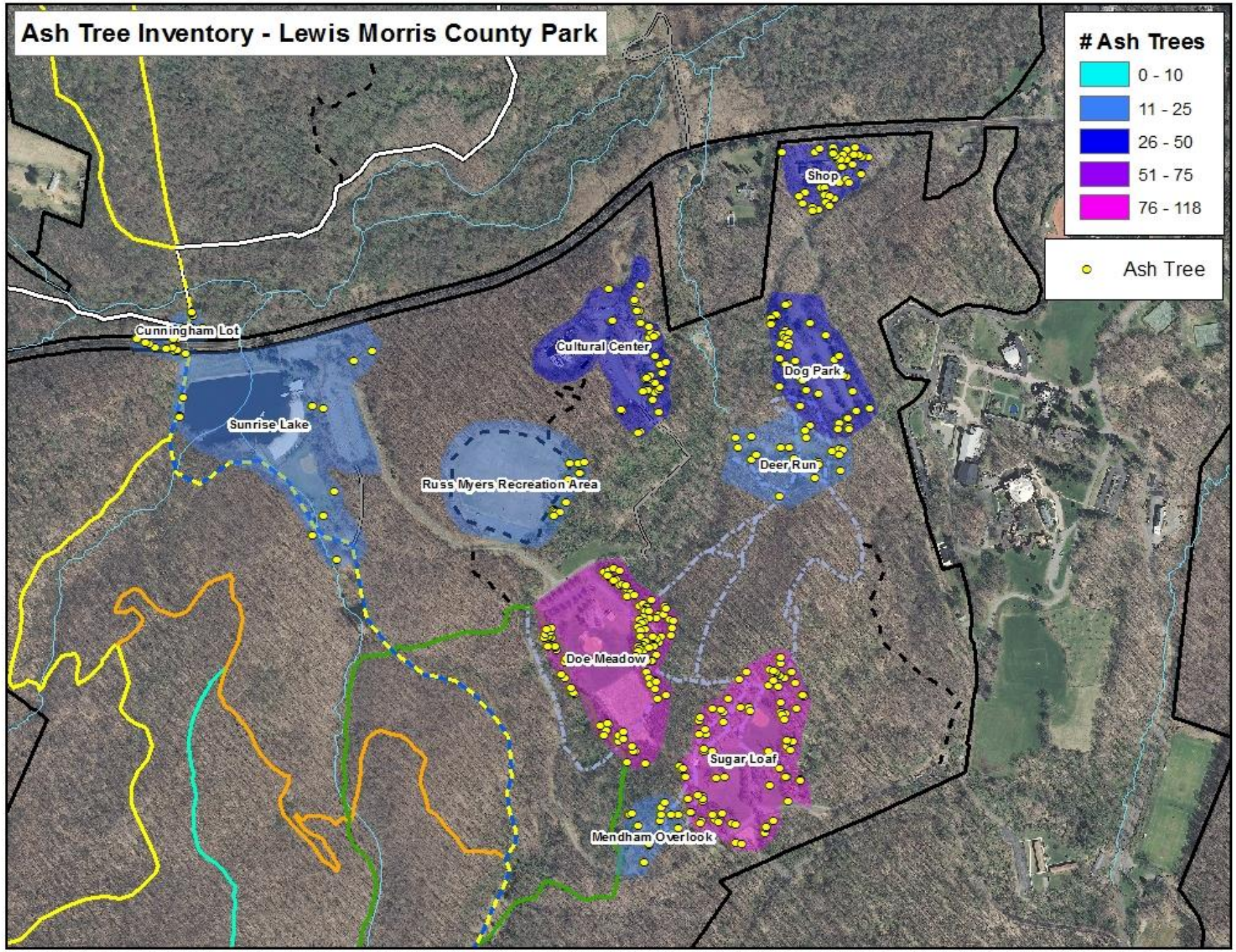
Tree Condition	Total Trees
Dead	12
Poor	120
Fair	253
Good	119

Lewis Morris Park Results

Tree Size	Total Trees
0-3”	0
3-6”	5
6-12”	79
12-18”	179
18-24”	139
24-30”	73
30-36”	20
36-42”	5
> 42	4

Lewis Morris Park Results

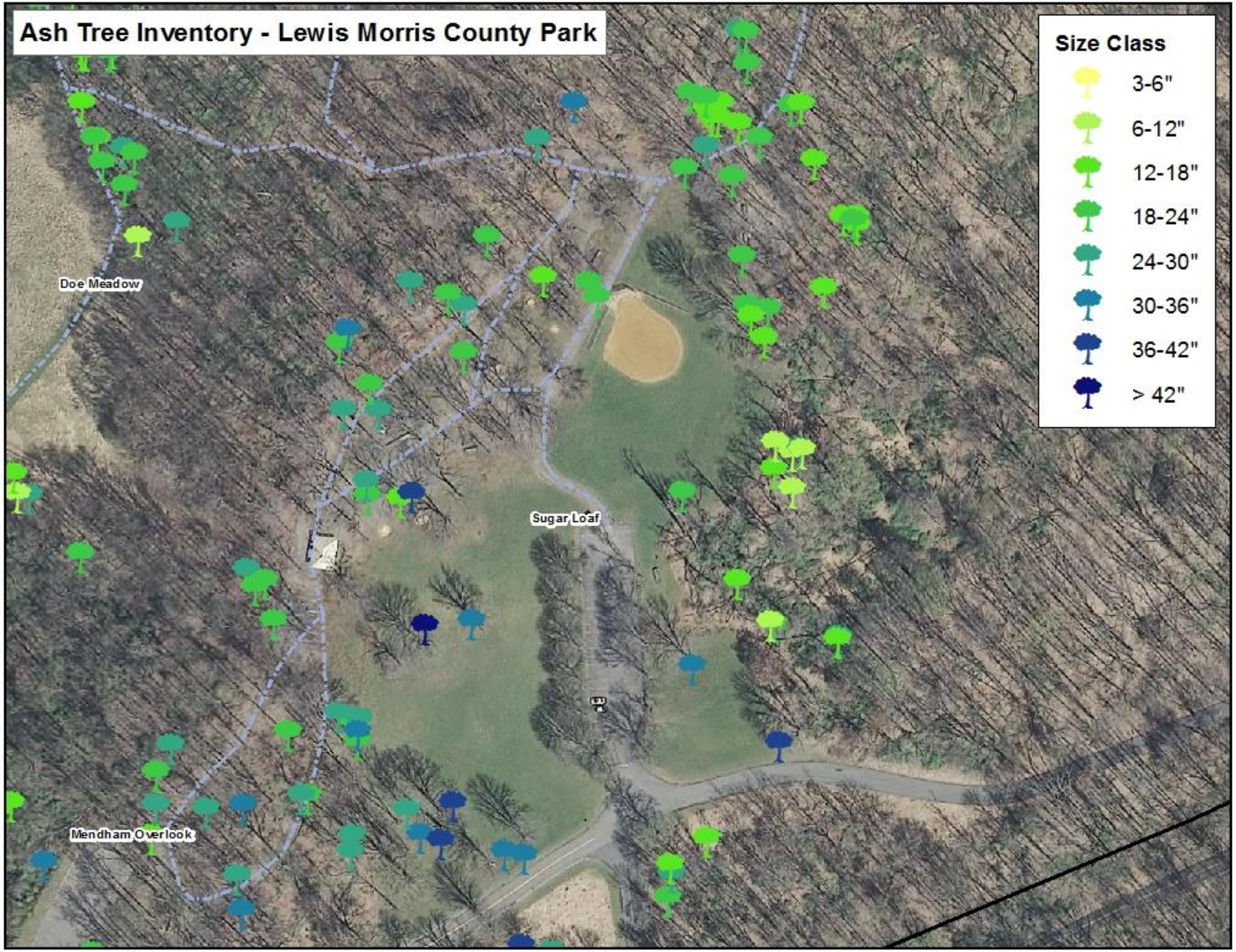
Potential Target	Total Trees
Ball Field	6
Parking Lot	171
Passive Recreation Area	131
Playground	40
Recreation Area	144
Road	115
Trail	129
Utility Lines	129



Lewis Morris County Park

- **2,196-acres**
- **78-acres developed**

- Paved Roadway 1.73 miles
- Paved AU Only - .08 miles
- Unpaved AU Only - .9 miles
- Trails TBD (6.4 miles not including Patriots' Path)
  - Paved
  - Quarry processed material
  - Natural Tread


Ash Tree Inventory - Lewis Morris County Park
Size Class
3-6"
6-12"
12-18"
18-24"
24-30"
30-36"
36-42"
> 42"
Doe Meadow
Sugar Loaf
Mendham Overlook

ACTION STEPS TO ADDRESS IMPACT OF EMERALD ASH BORER

Next Steps:

Continue Ash Tree Inventory

37 Distinct Parks

6 Parks Completed

3 Park Undeveloped

28 Parks Remaining

3. Develop Emerald Ash Borer Management Program
4. Implement Emerald Ash Borer Management Program