

Emerald

Ash

Borer

Emerald ash borer or EAB is an exotic beetle that originated in Asia.

This beetle is an invasive insect that is killing ash trees.

The larvae feed on the inner bark. The tree is then unable to transport water and nutrients effectively.

This beetle can now be found in certain areas within Indiana, Illinois, Maryland, Michigan, Minnesota, Missouri, Ohio, Pennsylvania, Virginia, West Virginia, Wisconsin, and Iowa.

How can we stop the spread of emerald ash borer?

1. Promise not to move firewood!
 - Adult beetles can only fly short distances. It is human behavior that is causing the beetle to spread rapidly. So, burn firewood where you buy it.
2. Look for signs of the beetle or damage and report it!
3. Plant diverse trees.
 - Look around your yard or neighborhood. Are there lots of different trees or just one or two? Planting many different kinds of

trees ensures that if one species dies you will still have others.

Signs of Emerald Ash Borer

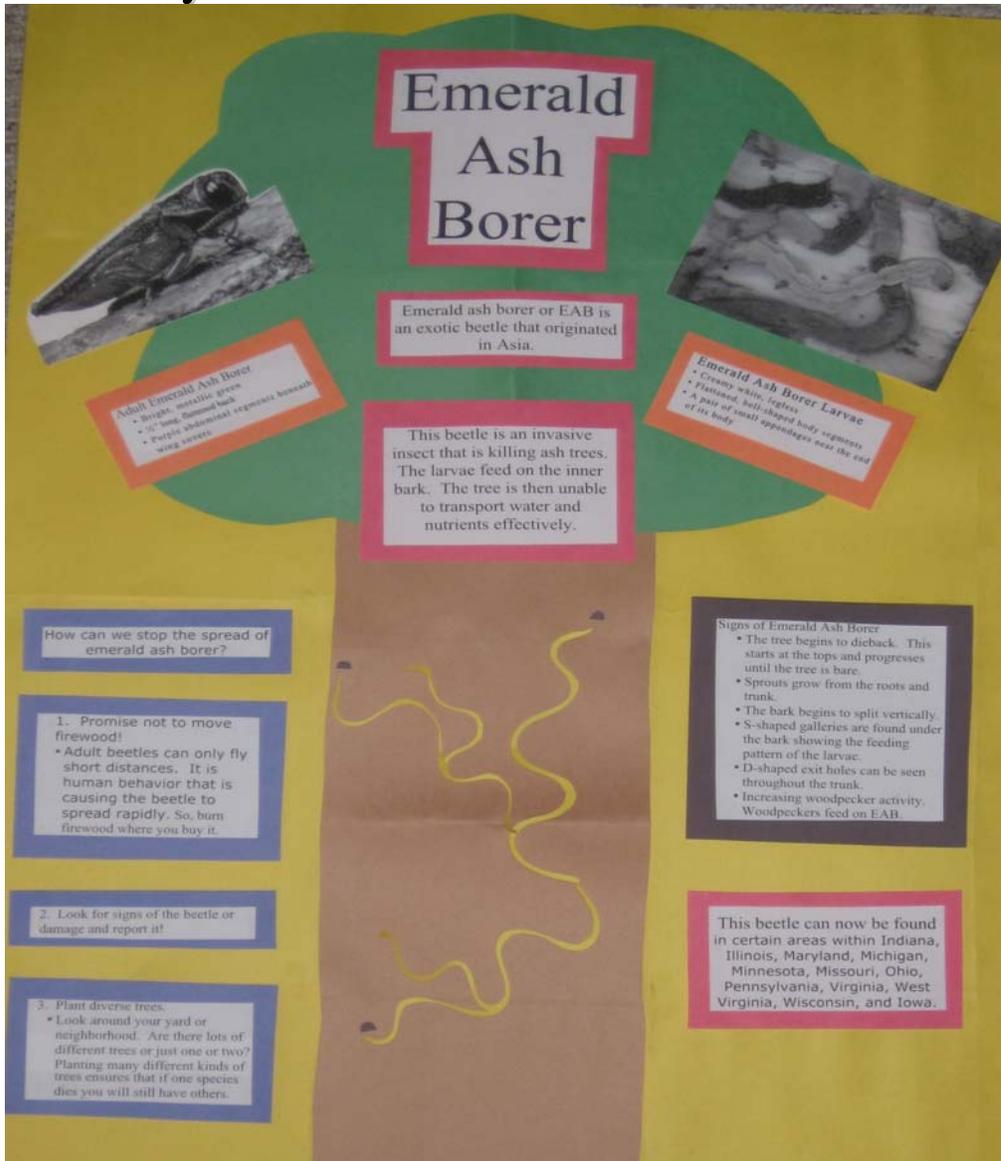
- The tree begins to dieback. This starts at the tops and progresses until the tree is bare.
- Sprouts grow from the roots and trunk.
- The bark begins to split vertically.
- S-shaped galleries are found under the bark showing the feeding pattern of the larvae.
- D-shaped exit holes can be seen throughout the trunk.
- Increasing woodpecker activity.
Woodpeckers feed on EAB.

Adult Emerald Ash Borer

- Bright, metallic green
- ½” long, flattened back
- Purple abdominal segments beneath wings

Emerald Ash Borer Larvae

- Creamy white, legless
- Flattened, bell-shaped body segments
- A pair of small appendages near the end of its body



Information for this bulletin board can be found on <http://stopthebeetle.info/signs-symptoms/>

Photos can be found on

<http://www.inspection.gc.ca/english/plaveg/pestrava/agrpla/images/agrpla14.jpg>

http://www.doacs.state.fl.us/pi/enpp/ento/images/Fig_2_eab_larva_big.jpg