### Ash Trees Matter

Did you know that ash trees...

- » Help prevent erosion along streams
- » Shade stream banks and wetlands
- » Filter air and reduce stormwater runoff
- » Provide beauty, joy, and shade for communities
- » Are used by indigenous communities to make canoe paddles, tools, and medicines



### Ash Tree ID

Oregon ash (Fraxinus latifolia) and planted ash (Fraxinus spp.)







- » Leaves have single stem with an odd number of leaflets (above, left)
- » Leaves grow directly opposite each other on the branch (above, center)
- » Fruits are single-winged seeds known as samaras (above, right)
- » Deciduous, drops leaves in fall
- » Fall colors range from yellow to maroon to deep purple

### 4 Ways to Protect Ash Trees from Emerald Ash Borer (EAB)

1 Don't move firewood

EAB and other destructive pests can live in untreated firewood. Don't transport firewood more than 30 miles from where you get it.

2 Keep an eye on your trees Monitor trees for signs of EAB such as declining

canopy, woodpecker activity, cracking bark, and D-shaped bore holes.

3 Report EAB sightings

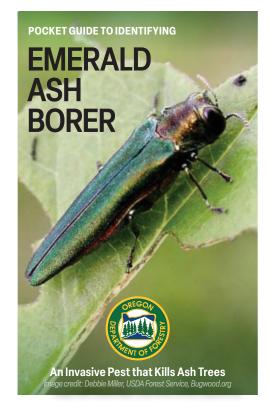
Suspected EAB sightings should be reported to the statewide hotline at OregonInvasivesHotline.org.

4 Determine which trees should get treatment Individual trees can be protected before they are infested with EAB using special insecticides injected directly into the tree every 2-3 years. Work with a tree care professional to develop a management plan for your ash trees. Find an ISA-certified arborist near you at TreesAreGood.org.

### For more information visit OregonEAB.com



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# Emerald Ash Borer ID Adults



- » Shiny emerald green body
- » 3/8-1/2 inch long
- » Large black eyes
- » Emerge between May and August

#### Larvae



- » Found under bark
- » Creamy white body
- » Bell-like segments
- » Small brown head
- » 1-1.3 inches long

#### Adult Lookalikes







Western Cedar Borer

Image credit (left to right top to bottom): Pennsylvania Department of Conservation and Natural Resources - Forestry, Bugwood.org (adult and larva); Steven Valley, Oregon Department of Agriculture, Bugwood.org (buprestid and cedar borer)

## EAB Signs/Symptoms Crown Die Back



Shoots from Base/Trunk



Michigan Department of Agriculture, Bugwood.org

### EAB Signs/Symptoms



Kenneth R. Law, USDA APHIS PPQ, Bugwood.org
Woodpecker Holes



**EAB Signs/Symptoms** 





Splitting Bark



S-Shaped Galleries Under Bark



William M. Ciesla, Forest Health Management International, Bugwood.org