



Asian Long-Horned Beetle

Identification

- 1” to 1.5” black with white spots
- antennae longer than body

Tree Symptoms

- Dime-size holes in trees
- Sawdust near holes
- Upper canopy has died

Trees Affected

- Maples (most common)
- Willows (most common)
- Ash • Horse Chestnut
- Birch • Box Elder • Buckeye

Photo by Kenneth R. Law, USDA APHIS PPQ



Identify Forest Pests

And Save Our Forests!

Spotting & Reporting Pests

- Take a photo—note location
- Call 615-837-5520, or email to Protect.TNForests@tn.gov
- Find more identifying information online (& you can also report) at <http://protectTNforests.org>

*Healthy Trees, Healthy Tennessee
engages people in growing and
protecting Tennessee's trees.*

Scan this QR symbol
with your smart phone to get
an app on TN tree pests.



The Nature Conservancy 
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Emerald Ash Borer

Identification

- 1/2” body, metallic green

Tree Symptoms

- D-shaped holes in trees
- Splits/cracks in bark
- Dead patches in upper tree
- Often bushy growth at the bottom of tree
- Much woodpecker activity
- Wilting, yellowing leaves

Trees Affected

- Ash

Photo by Howard Russell, Michigan State Univ.



Hemlock Woolly Adelgid

Identification

- Eggs resemble tiny cotton balls on underside of branches and leaves

Tree Symptoms

- White tufts at base of needles
- Graying, dying branches

Trees Affected

- Eastern Hemlock
- Carolina Hemlock



Gypsy Moth

Identification

- Caterpillars are 1.5” to 2.5” with dark tufts and blue & red dots on their backs
- Tan-colored egg sacs on trees

Tree Symptoms

- Small holes in leaves
- Or entire leaves chewed

Trees Affected

- Oak • Sweetgum • Apple
- Willow • Alder • Hawthorn
- Basswood • Birch • Poplar



Thousand Cankers Disease

Identification

- Cankers on branches & trunks

Tree Symptoms

- Yellow leaves high on tree
- Dead or sickly branches
- Tiny holes on dead branches
- Beetle galleries in cankers

Trees Affected

- Black Walnut
- Walnut hybrids
- Butternut



Sudden Oak Death

Identification

- Cankers on the trunk
- Cankers ooze dark sap

Tree Symptoms

- Cankers—red-brown to black
- Oozing—3 to 6 feet up
- Rapid browning of leaves

Trees Affected

- White Oak • Chestnut Oak
- Northern Red Oak
- Sassafras • Redbud
- Dogwood • Red Maple