



GOLDSPOTTED OAK BORER

Agrilus auroguttatus

Identification

- Small, bullet-shaped beetle about 3/8 in. long
- Adults are a dull green with dark metallic sheen and have 6 yellow/gold spots on their wings

Tree Symptoms

- Red or black staining in sections of bark
- Blistering and oozing on tree surface
- Thinning and dead patches of branches in upper 1/3 of tree
- Twig and branch die-back
- Premature leaf loss or damage to leaves

Trees Affected

- Coast Live Oak
- California Black Oak
- Canyon Live Oak

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IDENTIFY WESTERN STATES FOREST PESTS

And Save Our Forests!

Spotting & Reporting Pests

Help protect the trees in your neighborhood. If you spot any of these pests, take a photo and note the location.

Find out how to report your findings by visiting:

healthytreeshealthycities.org/report



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Scan this QR code with your smartphone to learn more about reporting forest pests.



POLYPHAGOUS SHOT HOLE BORER

Euwallacea sp

Identification

- Tiny beetle, smaller in size than a sesame seed
- Beetle larvae live in galleries within tree and feed on fungus

Tree Symptoms

- Small mounds of white powdery substance on the bark surrounding hole
- Holes can be dry or surrounded by wet fluid which may drain down trunk
- Rotten, discolored fungal canker may be seen under scraped-off bark

Trees Affected

- Coast Live Oak
- California Sycamore
- Big Leaf Maple
- Box Elder
- American Sweet Gum
- Avocado



ASIAN LONGHORNED BEETLE

Anoplophora glabripennis

Identification

- Large 1 – 1 ½ in. long body
- Shiny black with approximately 20 white spots
- Very long white and black striped antennae
- Six legs, can have bluish feet

Tree Symptoms

- Exit holes are perfectly round and pencil-sized
- Eggs are deposited in small oval depressions
- As the beetle tunnels into the tree, it pushes out sawdust-like material
- Can cause patches of trunk to appear black and covered in sap

Trees Affected

- Maples (most common)
- Willow (most common)
- Horse Chestnut
- Box Elder
- Buckeye
- Elm
- Aspen
- Ash
- Birch



EMERALD ASH BORER

Agrilus planipennis

Identification

- Small ½ in. long beetle
- Bright metallic green color, copper-red underside
- Larvae are flat, white, and approximately 1 in.
- Adults usually emerge during late spring and summer

Tree Symptoms

- D-shaped exit holes
- Splits or cracks in bark
- S-shaped tunnels under bark
- Thinning or dead patches of branches in upper 1/3 of tree
- Bark chipped off by woodpeckers
- Leafy branches may sprout at base of tree

Trees Affected

- North American Ash (all)
- White Fringetree

Note: Mountain ash is not a true ash and cannot be infested with EAB



CITRUS GREENING

Diaphorina citri / Candidatus liberibacter

Identification

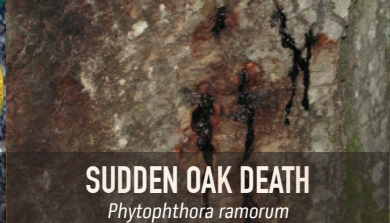
- Huanglongbing a bacteria transmitted by Asian Citrus Psyllid, results in greenish, miscolored, misshapen and bitter fruits on infected trees
- Insect is no bigger than the head of a pin
- Adults, eggs, larvae or pupae may be on leaves or stems

Tree Symptoms

- Leaves develop a yellowed blotchy appearance
- Infected citrus trees produce fruits that are green, and bitter
- Sparsely leaved branches
- White waxy feeding residue from adult feeding may be present

Trees Affected

- Lemon
- Meyer Lemon
- Orange
- Grapefruit
- Pomelo
- Other citrus hybrids



SUDDEN OAK DEATH

Phytophthora ramorum

Identification

- Cankers on the trunk have red-brown to black discoloration and seep dark black to red or amber sap (exudation)
- Cankers usually develop 3 – 6 ft. off of the ground
- Later, the bark can fracture and exudation occurs both through broken and intact bark

Tree Symptoms

- Cankers on trunk have red-brown to black discoloration or oozing
- Shrubs and non-oak trees are affected differently and exhibit leaf browning and twig and stem dieback

Trees Affected

- Tanoak
- Coast Live Oak
- California black oak
- Shreve oak
- Canyon live oak
- Madrone
- Rhododendron
- Huckleberry
- Bay Laurel