

# Stop

# The Invasion



Photographs courtesy of Washington Department of Agriculture and Pest and Diseases Image Library, Bugwood.org

## Citrus, Asian, and Red-Necked Longhorned Beetles

*Anoplophora chinensis*, *Anoplophora glabripennis*, *Aromia bungii*

### Report Sightings

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[InvasiveSpecies.wa.gov](http://InvasiveSpecies.wa.gov)

July 2017



2 cm

### What are they?

**Citrus** (*Anoplophora chinensis*), **Asian** (*Anoplophora glabripennis*), and red-necked (*Aromia bungii*) long-horned beetles are large beetles whose larvae feed on and in the wood of trees. When the beetles mature to adulthood, they emerge through holes that weaken the trees further. They are extremely destructive to hardwood trees.

### Are they here yet?

No, though all three species have reached Washington at least once, in warehouses or nurseries, but were isolated incidents. The beetles came in with foreign nursery stock, which at the time was not regulated for these particular pests. With the increase of global trade and movement of plant materials via the Internet, the state still is at risk for new introductions of any of these species.

### Why should I care?

Unlike our native long-horned beetles that typically feed on dying trees, invasive long-horned beetles attack healthy trees, sometimes killing them. These beetles can harm more than 40 species of host trees. Letting these tree-killing beetles establish a population in Washington would be devastating to forests, parks, and yards.

### What should I do if I find one?

Report a sighting online at [www.invasivespecies.wa.gov/report.shtml](http://www.invasivespecies.wa.gov/report.shtml).

### How can we stop them?

Do not purchase or trade these species. Do not attempt to bring in foreign nursery stock without following proper procedures and requirements. Learn how to recognize them; early detection is critical for preventing serious infestations. Contact your local [Washington State University Extension office](http://Washington State University Extension office) for more information.



Photograph courtesy of Raffaele Griffo - Plant Health Service of Campania Region, Napoli (IT)

## What are their characteristics?

- Asian Longhorned Beetles and Citrus Longhorned Beetles look similar. Wings are glossy black with irregular splotches of white.
- The antennae are quite striking with bands of black and gray.
- The feet and legs are decorated with a slate blue pubescence.
- Red-necked longhorned beetles' bodies are almost entirely a glossy black except for the red thorax, between the head and abdomen.

## How do I distinguish them from native species?

The Asian and citrus long-horned beetles have a few native lookalikes, including the banded alder borer (*Rosalia funebris*) and several species in the genus *Monochamus*. *Monochamus* species can be differentiated by the smaller size of their white spots and the visibly rougher, bumpier, and less glossy texture of their exoskeleton. Please visit these links to help with identification:

- Banded alder borer: <http://bugguide.net/node/view/8975>
- Spotted pine sawyer: <http://bugguide.net/node/view/208431>
- Oregon fir sawyer/Whitespotted sawyer: <http://bugguide.net/node/view/7432>
- University of Vermont: [www.uvm.edu/albeetle/identification/index.html](http://www.uvm.edu/albeetle/identification/index.html)
- Washington State University Extension: [puyallup.wsu.edu/plantclinic/wp-content/uploads/sites/408/2015/02/PLS-41-Longhorn-Beetle-Characteristics.pdf](http://puyallup.wsu.edu/plantclinic/wp-content/uploads/sites/408/2015/02/PLS-41-Longhorn-Beetle-Characteristics.pdf)

## Where do I get more information?

- Red-necked longhorned beetle: [www.inspection.gc.ca/plants/plant-pests-invasive-species/insects/red-necked-longhorn-beetle/eng/1433364848876/1433364972971](http://www.inspection.gc.ca/plants/plant-pests-invasive-species/insects/red-necked-longhorn-beetle/eng/1433364848876/1433364972971)
- Asian longhorned beetle: [www.nyis.info/index.php?action=invasive\\_detail&id=26](http://www.nyis.info/index.php?action=invasive_detail&id=26)
- Citrus longhorned beetle: [idtools.org/id/citrus/pests/factsheet.php?name=Citrus+longhorned+beetle](http://idtools.org/id/citrus/pests/factsheet.php?name=Citrus+longhorned+beetle)

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