



United States  
Department of  
Agriculture

Marketing and  
Regulatory  
Programs

Animal and  
Plant Health  
Inspection  
Service

Plant Protection  
and Quarantine

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Division

Pest Program

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Dear Citizen,

A tree-killing, invasive insect is infesting trees in communities around the United States and may have moved into Washington, even as close as your backyard. **We need your help in determining if this destructive plant pest has spread into your community, attacking your trees.**

The Asian longhorned beetle (ALB), *Anoplophora glabripennis*, entered the United States nestled deep within the wood of crates and pallets used to import goods from Asian countries (before the establishment of international rules requiring treatment of packing material to destroy hitchhiking pests). As crates reached their destinations, the insects chewed their way out of the wood pallets and attacked local trees. ALB grows and reproduces within deciduous hardwood tree species, especially maple, birch, horse chestnut, willow, and elm. The beetle larvae tunnel and feed inside of the tree disrupting the flow of nutrients, eventually killing the tree.

Citizens played a role in finding ALB infestations in Illinois, New York, New Jersey, Massachusetts, and most recently Ohio. Unfortunately, other infestations may exist undetected elsewhere in the country. **Now we enlist your help to look for ALB in your community!** Looking for ALB takes less than 30 minutes, and we thank you in advance for your assistance in determining if ALB has spread to Washington. Please follow the outlined steps below to help us identify infestations in your area:

1. Review the enclosed materials, *Searching for ALB Instructions* and *Host List for ALB*.
2. If you observe beetles or evidence of ALB damage, contact your USDA, APHIS Pest Survey Specialist at 360-239-0462. Try to capture insects you think are ALB, place them in a jar and freeze them. Take digital pictures of the insect and damage to your trees if possible.
3. It is extremely important that we know the results of your observations, even if you did not see any signs of ALB. Please completely fill out the enclosed *ALB Data Survey Form* and return as an e-mail attachment to: Yolanda.I.Inguanzo@aphis.usda.gov as soon as possible, or print and mail to USDA-APHIS-PPQ, 1550 Irving St SW Suite 100, Tumwater, WA 98512, Attn: Yolanda Inguanzo.
4. Forward this attachment to other civic-minded individuals, or request hard copy packets by contacting Yolanda Inguanzo by email or phone at 360-239-0462.
5. Visit <http://www.aphis.usda.gov/> and click on Asian longhorned beetle under "Hot Issues" for more information.

Sincerely,

Barbara Chambers  
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## Searching for Asian Longhorned Beetle (ALB) Instructions

1. Locate at least 10 host trees on your property, public property (such as street trees, parks, and hiking trails) near your residence, or public property you frequent in your community.
2. Spend a minute or two carefully examining each tree for signs of ALB infestation, especially look for beetles and dime-sized exit holes. Signs to look for include:
  - **Defoliation**
  - **Exit holes** in the trunk or larger branches, particularly if they are perfectly round and dime-sized
  - **Frass**, a sawdust-like substance of plant material and insect waste, and sap oozing out of holes in the trunk
  - **Woodpeckers** working on the tree, more than usual or more so than on other trees in the area, (they would be feeding on the larvae found under the bark)
  - **Suckering**, an unusual amount of secondary shoots at the base or along the trunk of the tree
  - **Yellowing leaves**, in one branch or one section of the tree
  - **Anything unusual**, especially if a patch of trees, not just one, appear affected, or if you are familiar with the trees and they do not look as healthy as normal.
3. If you observe beetles or evidence of ALB damage, contact your local USDA-APHIS State Plant Health Director Office. Trying to capture insects you think are ALB is a good idea, place them in a jar and freeze them. Take digital pictures of the insect and damage to your trees if possible.
4. Reporting your observations is extremely important, even if you saw no signs of ALB. Please completely fill out the enclosed data form and return as an e-mail attachment to **Yolanda.I.Inguanzo@aphis.usda.gov**. If you prefer, print the form and return by mail to: **USDA-APHIS-PPQ 1550 Irving St SW Suite 100, Tumwater, WA 98512, Attn: Yolanda Inguanzo.**





## Host List for Asian Longhorned Beetle (ALB)

(From University of Vermont website: <http://www.uvm.edu/albeetle/hosts.htm> )

Category <sup>1</sup>	Genus <sup>2</sup>	Common Name
Very good hosts	<a href="#">Acer</a>	Maple, box elder
	<a href="#">Aesculus</a>	Horsechestnut, buckeye
	<a href="#">Salix</a>	Willow
	<a href="#">Ulmus</a>	Elm
Good hosts	<a href="#">Betula</a>	Birch
	<a href="#">Platanus</a>	Plane tree, sycamore
Occasional hosts	<a href="#">Albizia</a>	Mimosa, silk tree
	<a href="#">Celtis</a>	Hackberry
	<a href="#">Fraxinus</a>	Ash
	<a href="#">Populus</a>	Poplar (excluding cottonwood)
	<a href="#">Sorbus</a>	Mountain-ash
Questionable hosts	<a href="#">Hibiscus</a>	Rose-of-Sharon
	<a href="#">Malus</a>	Apple, crab apple
	<a href="#">Morus</a>	Mulberry
	<a href="#">Prunus</a>	Cherry, plum
	<a href="#">Pyrus</a>	Pear
	<a href="#">Quercus</a>	Oak
	<a href="#">Robinia</a>	Black Locust
<a href="#">Tilia</a>	Linden, Basswood	
No U.S. Record <sup>3</sup>	<a href="#">Alnus</a>	Alder
	<a href="#">Eleagnus</a>	Silverberry, Russian Olive
	<a href="#">Melia</a>	Chinaberry
Reported not to be hosts	<a href="#">Ailanthus</a>	Tree of heaven

<sup>1</sup>Host suitability based on records of relative infestation rates, rearing results, laboratory studies and Chinese literature.

<sup>2</sup>Host genera listed alphabetically within categories.

<sup>3</sup>Trees with no US record are reported to be hosts in China but have not been attacked in the US at this point.





## Asian Longhorned Beetle (ALB) Survey Data Form

Please read the instruction sheet for specific information about signs of ALB infestation.  
Reminder- please observe at least 10 trees to complete the data form.

**Date of Observations:**

**Name (optional):**

**Contact information (email or phone, optional):**

**Location of observations**

Street address or closest intersection:

City:

Zip Code:

**Number of host trees examined:**

**Species of host trees if known:**

**Total time spent searching for signs of Asian longhorned beetles (ALB):**

**If you did not observe signs of ALB infestation of your trees, check here:**

**How did you hear about this survey? (Check all that apply)**

Master Gardeners

Green Tacoma Partnership

Green Seattle Partnership

Nature Conservancy

Other (write in)

**Comments:**

**If you find signs of ALB contact Yolanda Inguanzo as soon as possible. Even if you do not find any ALB signs, please send this form in, this information is all very important.**

**Yolanda.I.Inguanzo@aphis.usda.gov, or USDA-APHIS-PPQ 1550 Irving St SW Suite 100, Olympia, WA 98512**

