

Asian Longhorned Beetle

Anoplophora glabripennis

Native of China, the Asian Longhorned Beetle was first introduced to New York in 1996. A pest of hardwood trees, it is currently being eradicated in Massachusetts, New York and New Jersey, and is **not yet present in Rhode Island**.



Adult Asian Longhorned Beetle, male. Jennifer Forman Orth, Mass DAR



UGA2159069

Pest and Diseases Image Library, Bugwood.org

Identifying Features:

Adults are shiny black with irregular spots ranging from $\frac{3}{4}$ - $1\frac{1}{2}$ inches long with antennae up to one to two times its body length. Alternating black and white bands are visible on antennae and may have a bluish tinge. Feet may also have this tinge. Active from early summer through mid-fall, adult females dig bowl-shaped holes ("oviposition pits") in the bark of trees (approximately $\frac{1}{2}$ inch in diameter) to bury their eggs. The pits often appear orange.

Larvae are segmented and can grow to 2.4 inches long. They burrow beneath the bark and are rarely seen. Their bodies are off-white and they have brown mouthparts.

Infested trees may have "frass" or sawdust apparent around the base. Exposed wood may be apparent on severely impacted trees.



Donald Duerr, USDA Forest Service, Bugwood.org

Damage:

- Larvae cause damage by eating the outer sapwood, beneath the bark layer, thus creating hollowed out galleries in the wood.
- In depositing their eggs, females cause damage by chewing dime-sized, oval grooves in the bark.
- Holes, at least $\frac{3}{8}$ of an inch in diameter, are apparent where adults have bored out of the tree.
- Sap may ooze from wounds caused by the beetle.

Information Sources

[Asian Longhorned Beetle - Anoplophora glabripennis](http://www.massnrc.org/pests/pestFAQsheets/asianlonghorned.html). 5 August 2008. 11 February 2009

<<http://www.massnrc.org/pests/pestFAQsheets/asianlonghorned.html>>.

[Asian Longhorned Beetle, Anoplophora glabripennis](http://pest.ceris.purdue.edu/searchpest.php?selectName=INALQCA). 11 February 2009 <<http://pest.ceris.purdue.edu/searchpest.php?selectName=INALQCA>>.

Image Sources

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[Asian Longhorned Beetle, Anoplophora glabripennis](http://www.insectimages.org/browse/detail.cfm?imgnum=1262003). 30 June 2004. 11 February 2009

<<http://www.insectimages.org/browse/detail.cfm?imgnum=1262003>>.