

Japanese Pine Sawyer Beetle

Monochamus alternatus

Native of Japan, the Japanese Pine Sawyer Beetle has **not yet been introduced to the United States**. This is an insect pest of non-native pine trees and carries a pinewood nematode, which causes pine wilt disease.



Pest and Diseases Image Library, Bugwood.org



Jijing Song and Juan Shi, Beijing Forestry University, Bugwood.org

Information Sources

[Japanese Pine Sawyer Beetle, *Monochamus alternatus*](http://pest.ceris.purdue.edu/searchpest.php?selectName=INALQQA). 18 February 2009 <<http://pest.ceris.purdue.edu/searchpest.php?selectName=INALQQA>>.

[Japanese Pine Sawyer Beetle, *Monochamus alternatus* – IPM Images](http://www.ipmimages.org/browse/subimages.cfm?SUB=4532). 12 November 2008 19 February 2009 <<http://www.ipmimages.org/browse/subimages.cfm?SUB=4532>>.

Image Sources

[Japanese Pine Sawyer Beetle, *Monochamus alternatus*](http://www.forestryimages.org/browse/subthumb.cfm?sub=4532&start=1). 18 February 2009 <<http://www.forestryimages.org/browse/subthumb.cfm?sub=4532&start=1>>



Pest and Diseases Image Library, Bugwood.org

Identifying Features:

Adult elytra have five vertical bands. Three of these bands consist of rectangular spots, black and gray in color, while the other two bands are orange. The antennae of females are approximately 1/3 longer than its body.



Pest and Diseases Image Library, Bugwood.org

Damage:

- The Japanese Pine Sawyer Beetle itself causes little damage. However it is a known vector of *Bursaphelenchus xylophilus*, a pinewood nematode.