



Black Spruce Beetle

Tetropium castaneum

The Black Spruce Beetle is a native to northeastern Asia, throughout most of Europe, China and Japan. It has not been found in the U.S. although it was intercepted in 2000 in Oregon. This species of beetle would arrive in the U.S. through general cargo that involves wood or wooden pallets. The main tree hosts for this species is fir, spruce, and pine. More specifically, Siberian fir, Norway spruce, Siberian spruce, Siberian pine, and Scots pine.



Adult, M. Haskovec, <http://www.cerambyx.uochb.cz//tetcas.htm>



Larva and frass. Stanislaw Kinelski, Poland, bugwood.org

UGA1258315

Identifying Features:

Adults can vary in size and color but is typically black in color with a flattened body. Legs and antennae can be reddish or brown. The larvae are yellow-white in color with short legs and range in length from 15-27mm depending on the larvae age.

Symptoms:

- This beetle species prefers freshly fallen trees and freshly cut logs and stumps but will also attack healthy trees if an area is infested. Attacked healthy trees will eventually die from the infestation.
- Healthy green foliage will turn yellow to reddish brown.
- Healthy trees that are infested will leak numerous amounts of resin.
- Exit holes from adults are oval and average 5mm in diameter.

Information Sources:

Tetropium castaneum (*Linnaeus*) Black Spruce Beetle. CAPS Survey Reference. 29 April 2014. https://caps.ceris.purdue.edu/webfm_send/1969.

Tetropium castaneum (European Spruce Longhorned Beetle)-Fact Sheet. 02 January 2012. 30 April 2014. <http://www.inspection.gc.ca/plants/plant-protection/insects/european-spruce-longhorn-beetle/fact-sheet/eng/1328124395186/1328124873587>

Photo Sources:

Kinelski, Stanislaw. Canadian Food Inspection Agency. Image 1258315. 30 April 2014. <http://www.insectimages.org/search/action.cfm?q=tetropium%20castaneum>.

Tetropium castaneum (*Linnaeus*) Black Spruce Beetle. CAPS Survey Reference. 29 April 2014. https://caps.ceris.purdue.edu/webfm_send/1969.