

Spruce Wood Engraver

Pityogenes chalcographus

Distributed throughout Europe, Siberia, Russia, Japan and China the Spruce Wood Engraver is an insect pest of coniferous trees, particularly Spruce. It has **not yet been detected in the United States.**



Canadian Food Inspection Agency



Pest and Diseases Image Library, Bugwood.org

Identifying Features:

Adults are black or bi-colored, having a black head/thorax and reddish-brown elytra. They range in size from 1.6 mm to 2.9 mm in length. Males have flat frons and three spaced conical teeth on elytra, whereas females have round frons with a depression between the eyes and three smaller, rounded teeth on their elytra.

Larvae feed on the inner bark of stems and branches and leave exit holes less than 1 mm in diameter.

Infested trees may have brownish-white frass apparent in bark crevices.

Damage:

- Brownish-white frass may be observed in bark crevices as a result of colonizing adult beetles.
- Streams of resin from entrance holes may be observable.
- Red needles in the crown (especially on small trees) will be evident.
- On larger trees, the crown will appear to be thin and the terminal leader will be dead.

Information Sources

Canadian Food Inspection Agency – Pest Information – *Pityogenes chalcographus* (Linnaeus) – Six-spined Spruce Bark Beetle. 20 April 2007. 19 February 2009 <<http://www.inspection.gc.ca/english/plaveg/pestrava/pitcha/tech/pitchae.shtml>>.

Image Sources

Canadian Food Inspection Agency – Pest Information – *Pityogenes chalcographus* (Linnaeus) – Six-spined Spruce Bark Beetle. 20 April 2007. 19 February 2009 <<http://www.inspection.gc.ca/english/plaveg/pestrava/pitcha/tech/pitchae.shtml>>.

Six-toothed spruce bark beetle, *Pityogenes chalcographus*. 11 December 2007. 11 February 2009 <<http://www.insectimages.org/browse/detail.cfm?imgnum=5326093>>.