



European Spruce Bark Beetle

Ips typographus

The European Spruce Bark Beetle is found in northern Asia and throughout Europe. This species of beetle is a high risk threat to the U.S. due to its preference of host trees which include pine, fir and spruce. These trees are significant to commercial value and make up a large part of our national forests specifically in the Northern U.S. and Canada. They adapt easily to new host trees and are strong flyers allowing them to distribute easily to new hosts.



Adult European Spruce Bark Beetle - Daniel Adam,
Office National des Forêts, France

Identifying Features:

This species of bark beetle are a dark brown color with the length of 4-5.5mm. The sides of the heads are armed with four distinct spines. The eggs are pearly white in color while the larvae are white with an amber colored head. The larvae are C-shaped and legless and are 5mm long when mature.

Symptoms:

- Foliage will turn from a healthy green to yellow to reddish brown.
- Exit holes from emerging adults are round and visible on the bark surface.
- Mainly infest newly downed trees or freshly cut logs but will attack healthy hosts.



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Information Sources:

Garner, Beulah. *Ips typographus* (8-toothed spruce bark beetle). 30 April 2014. <http://www.nhm.ac.uk/nature-online/species-of-the-day/biodiversity/alien-species/ips-typographus/index.html> .
Species Profile: European Spruce Bark Beetle. 29 April 2014. 30 April 2014. <http://www.invasivespeciesinfo.gov/animals/eurosbbs.html>.

Photo Sources:

Adam, Daniel. Species Profile: European Spruce Bark Beetle. 29 April 2014. 30 April 2014. Office National des Forêts. <http://www.invasivespeciesinfo.gov/animals/eurosbbs.html>
Louis-Michel Nageleisen, *Ips typographus* (European Spruce Bark Beetle)-Fact Sheet. Département de la Santé des Forêts, France, Image 1190027, www.invasive.org, Feb. 5, 2004. <http://www.inspection.gc.ca/plants/plant-protection/insects/european-spruce-bark-beetle/fact-sheet/eng/1327356236249/1327365288030>