

**BLACKHORNED PINE BORER**  
*Callidium antennatum hesperum*

- Natural range -** Western United States and Canada
- Species affected -** Pine, occasionally spruce
- Type of damage -** Bores in inner bark of trees and logs.
- Symptoms -** Dying trees, presence of galleries packed with boring dust in cambium region.
- Importance -** This insect can attack and kill trees that have been severely stressed by drought, high winds or recent transplanting.



Left – Galleries in inner bark and cambium layer of ornamental blue spruce  
Right – Adult beetle and exit hole on bark of blue spruce