

DOUGLAS-FIR BEETLE
Dendroctonus pseudotsugae

- Natural range -** Western United States and Canada
- Species affected -** Douglas-fir
- Type of damage -** Tree killing caused by a combination of beetles attacking and breeding in the inner bark and introduction of staining fungi that plug the tree's vascular system.
- Symptoms -** Groups of dead and dying Douglas-fir, resin flow and boring dust on bark surface, galleries and insects in inner bark, blue stain in wood.
- Importance -** A major tree killing pest of Douglas-fir. In Colorado, this insect often attacks weakened trees after prolonged dry periods or following defoliation by western spruce budworm.
- Remarks -** A pest of forested areas and is not likely to be encountered in an urban situation. This insect could be a problem in urban-wildland interface areas.



Left – Galleries of Douglas-fir beetle in inner bark.
Right – Group of Douglas-fir killed by Douglas-fir beetle.