

## Secondary Bark Beetle Mortality in Douglas-fir



Looking NW near Kendrick ID on 4/28, 2015. Area was logged between June and October, 2014. Understory, intermediate and seed tree DF were killed. NO DFB found in the larger trees. Damage was worse on the edges of the cuts facing south.



*Scolytus monticolae* pupae from understory DF. Adults were reared and identified.



Typical galleries

## Secondary Bark Beetle Mortality in Douglas-fir



**Saw timber killed by unidentified bark beetle. There was NO evidence of DFB in the lower boles of these trees.**



**Leave tree and pole sized DF killed by bark beetles. Only *Scolytus monticolae* was found in small trees.**



**Infested intermediates left after harvest.**