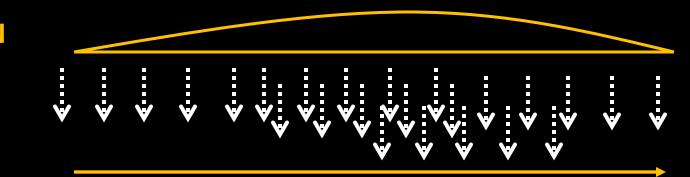


LITTER DEPOSITION



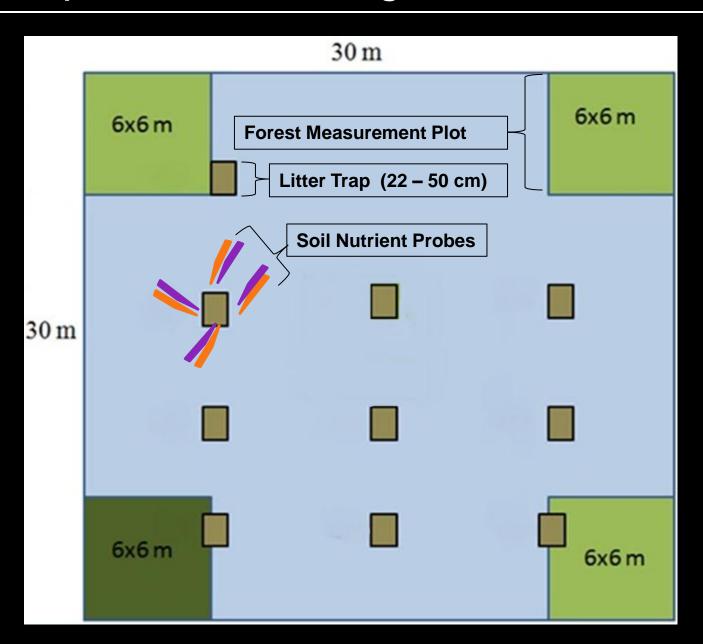
SOIL CONDITIONS

Research Questions

1. Does pine litter <u>chemistry</u> and <u>deposition rate</u> differ by stage of mountain pine beetle attack?

2. Do the <u>soil chemical properties</u> differ by stage of mountain pine beetle attack?

Experimental Design

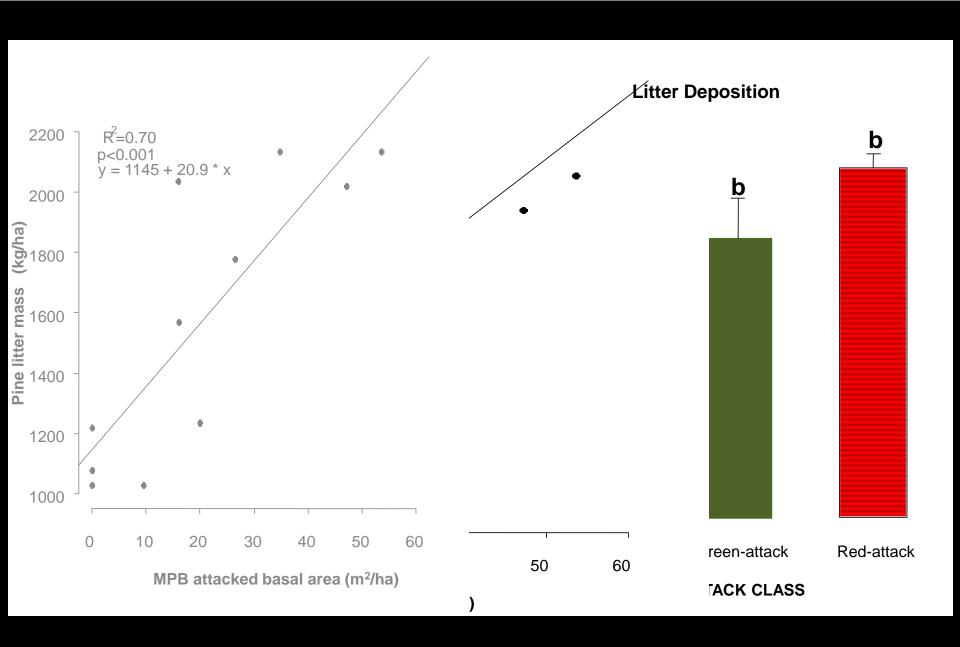


Data Collection

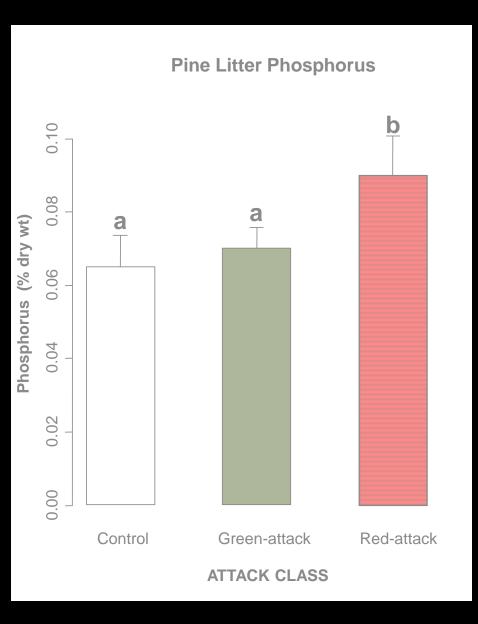


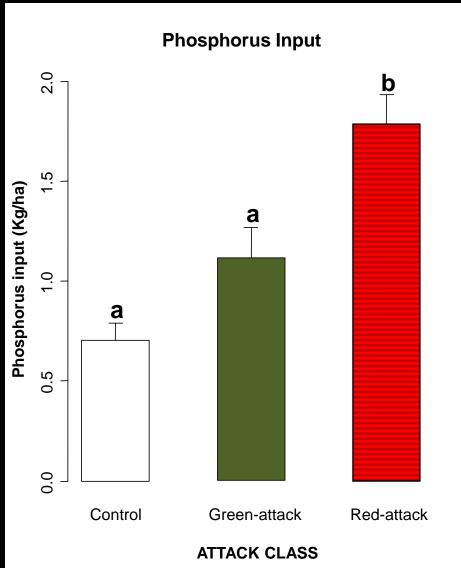


Does litter deposition rate differ by attack stage?

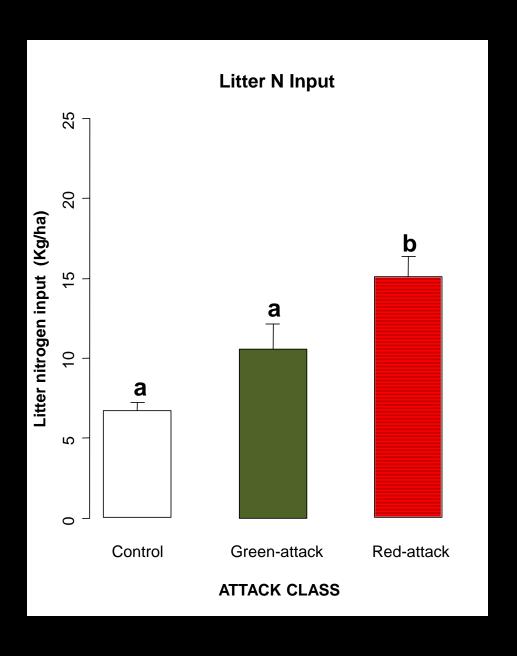


Does <u>htteniemietty</u>differbløyattaskstagge?

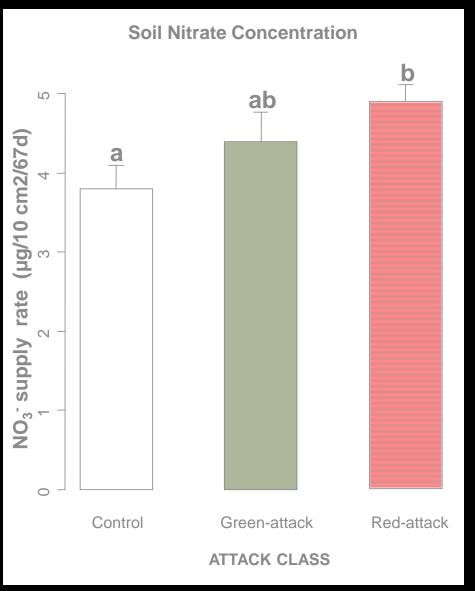


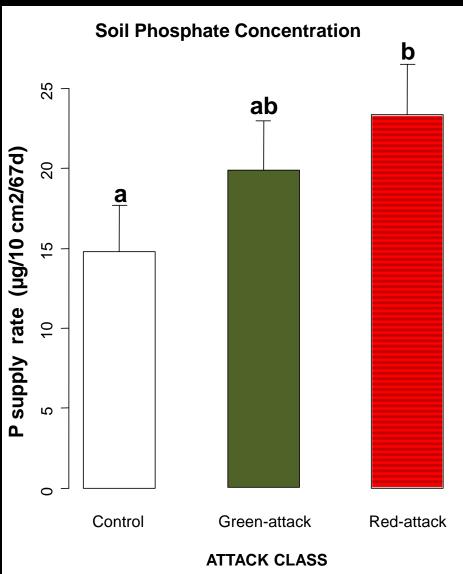


Does <u>nutrient input</u> differ by attack stage?

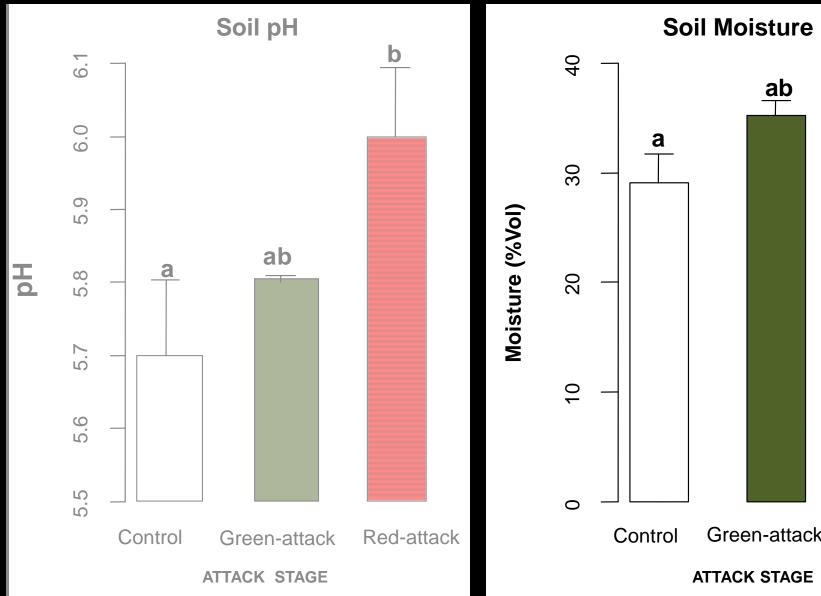


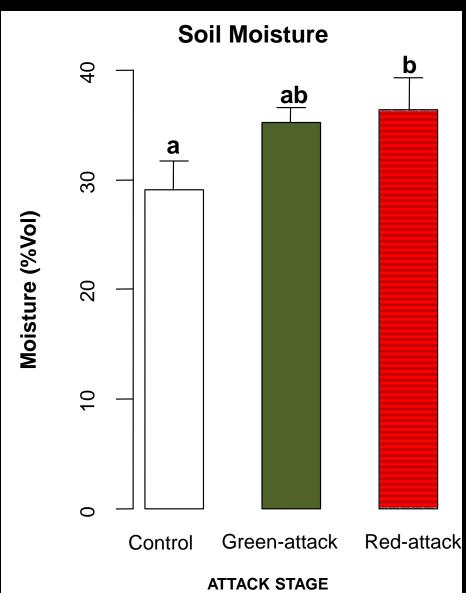
Do the soil chemical properties differ by attack stage?

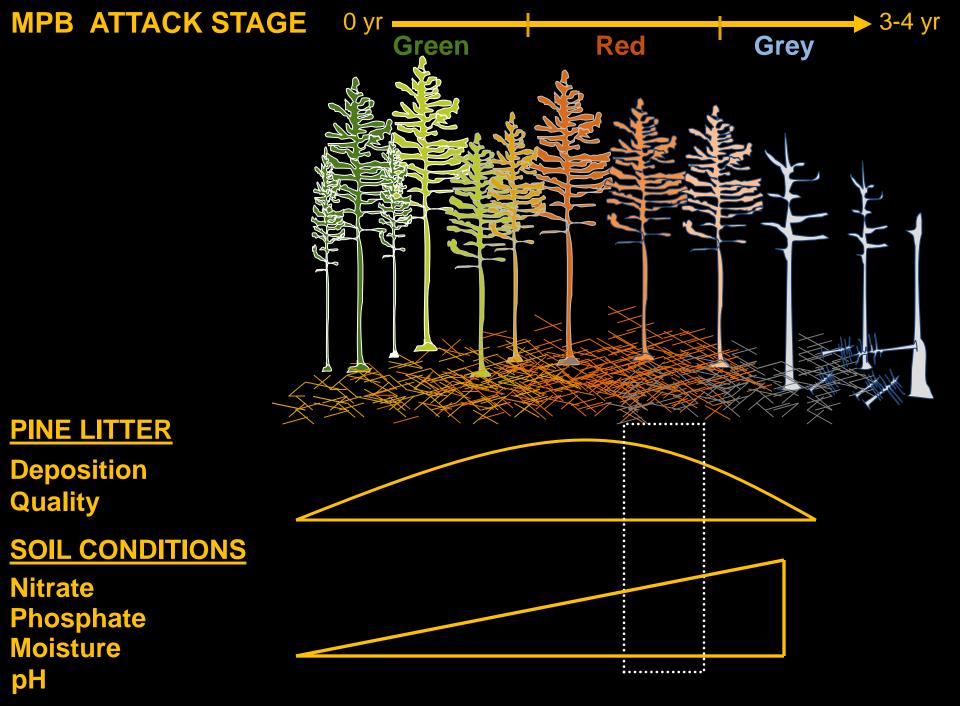


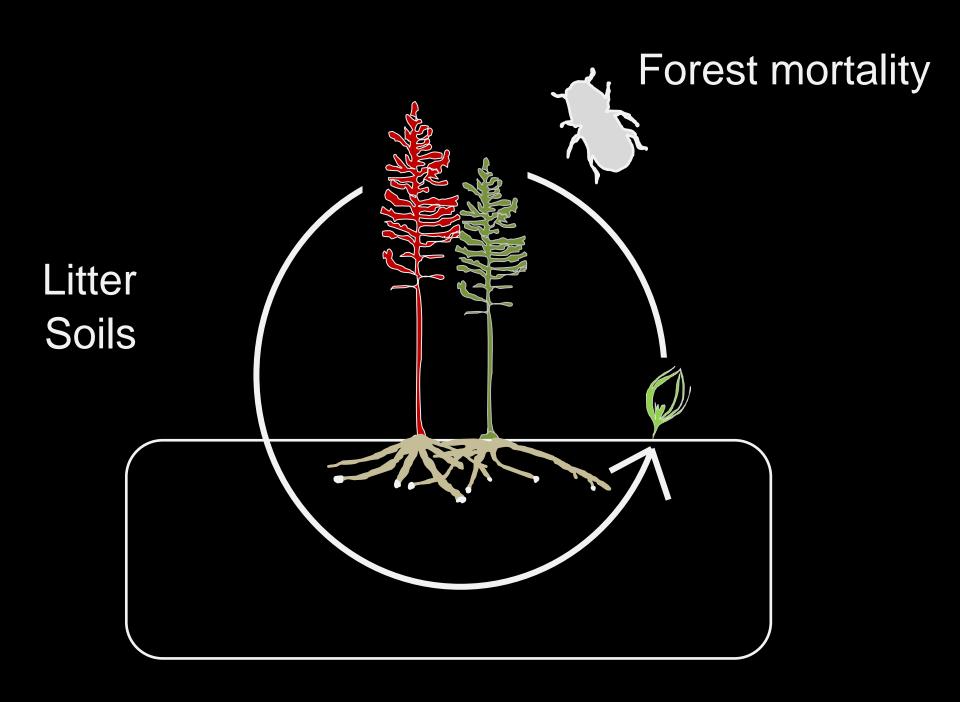


Do the soil chemical properties differ by attack stage?









GREENHOUSE STUDY (Nov. '11 – Aug. '12)

White spuce

Lodgepole pine

(Light) x (Litter) x (Mycorrhizae)

(Light) x (Litter) x (Mycorrhizae)

