



Northwest Forest Plan Interagency Regional Monitoring Program

Northern Spotted Owl Nest Tree Summary

Ray Davis, Steve Ackers, Steven Andrews, Peter Carlson, Rob Horn,
Janice Reid, Chris McCafferty, Stan Sovern, Jim Swingle





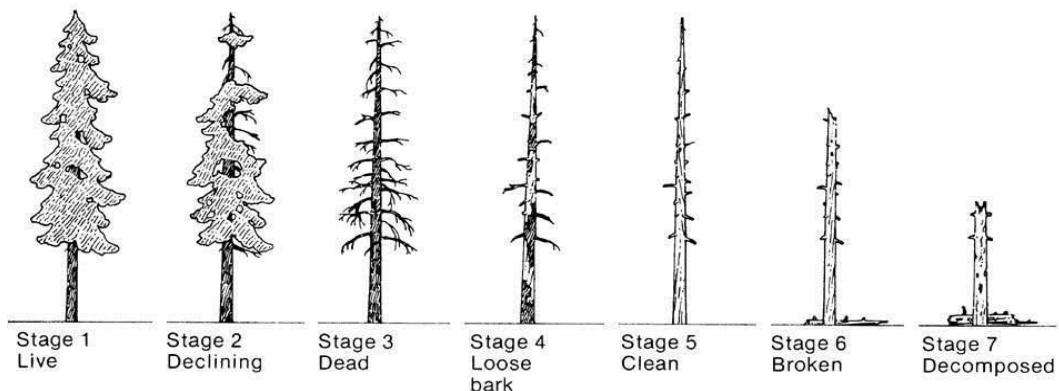
Summary

This report summarizes field data from 2,508 nest trees collected on eight federal demographic study areas across the northern spotted owl's range (Fig. 1). The majority (88%) of nests were found in live trees. Most nests (99%) were in conifer, Douglas-fir being the most widely used species (89%). Other conifer species used varied by study area; western redcedar and western hemlock accounted for about 7 percent and occurred in moister forests. Grand-fir/white fir accounted for and hardwoods accounted for about 1 percent of nest trees, also varying by study area (Fig. 2).

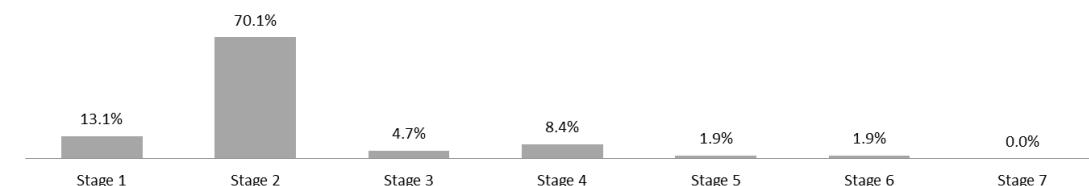
Nests mostly occurred in broken tops (58%) with platforms and side cavities accounting for 22 percent and 20 percent of all nests, respectively. The following pages summarize nest tree data from each study area. Where possible, live and dead nest trees were summarized by decay stage (citation).



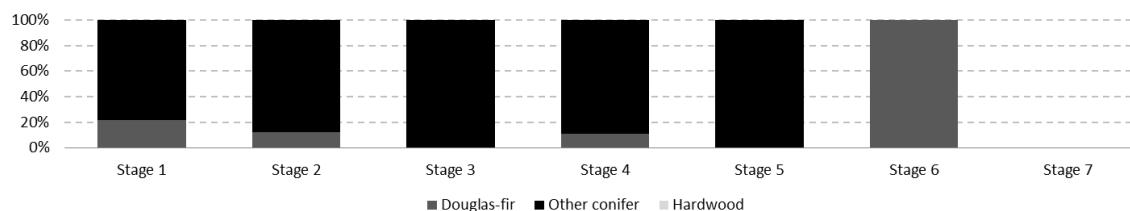
Olympic Peninsula - West (n = 107)



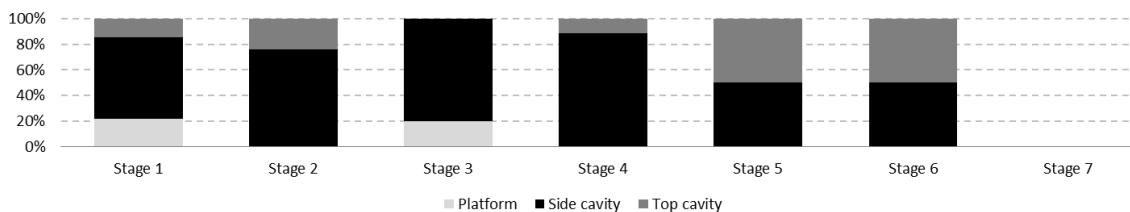
Percentage of all nest trees



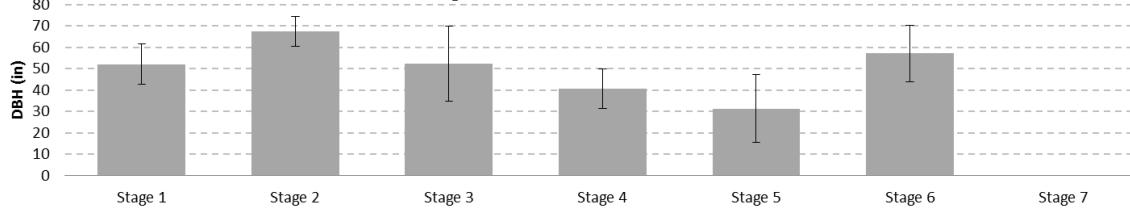
Tree species



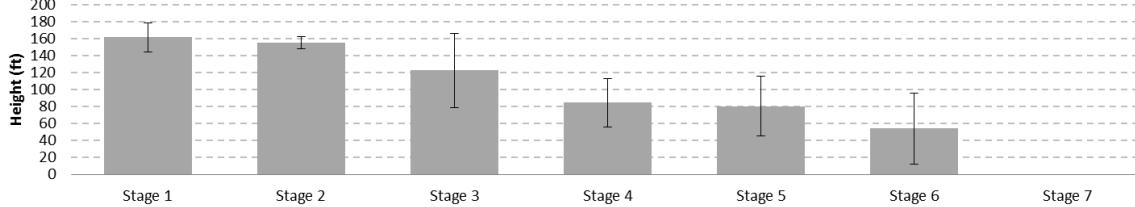
Nest types



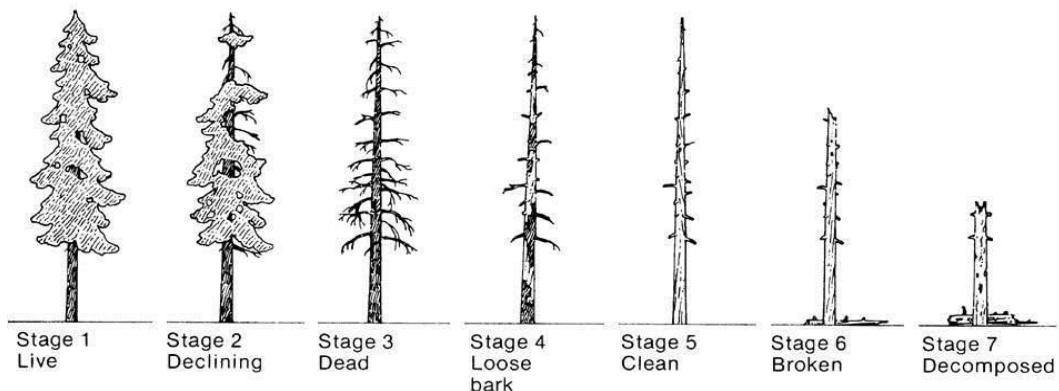
Average DBH with 95% confidence limits



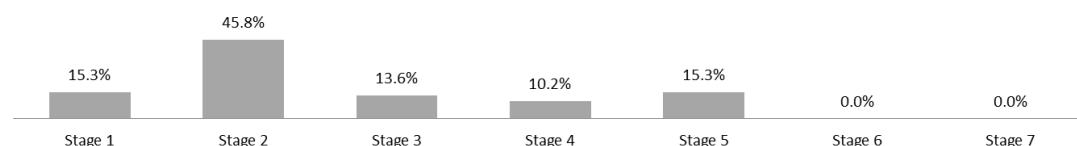
Average height with 95% confidence limits



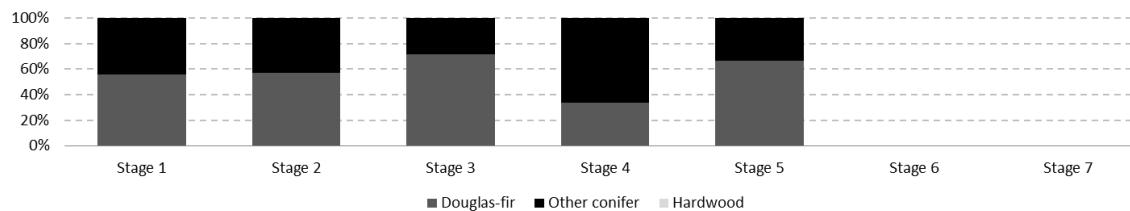
Olympic Peninsula - East (n = 59)



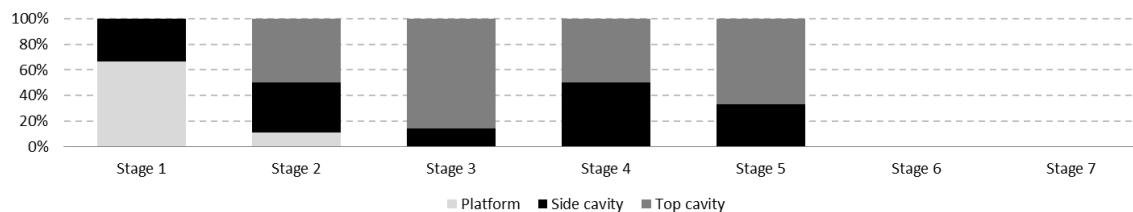
Percentage of all nest trees



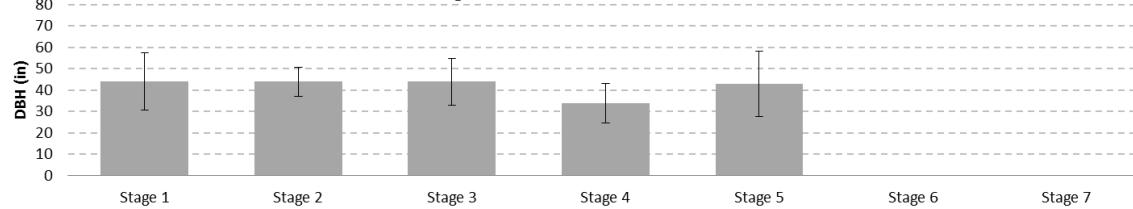
Tree species



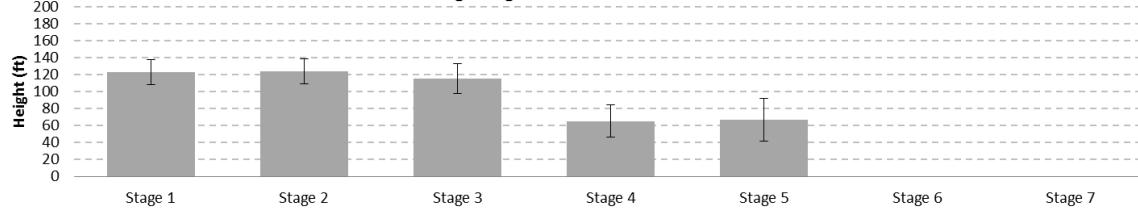
Nest types



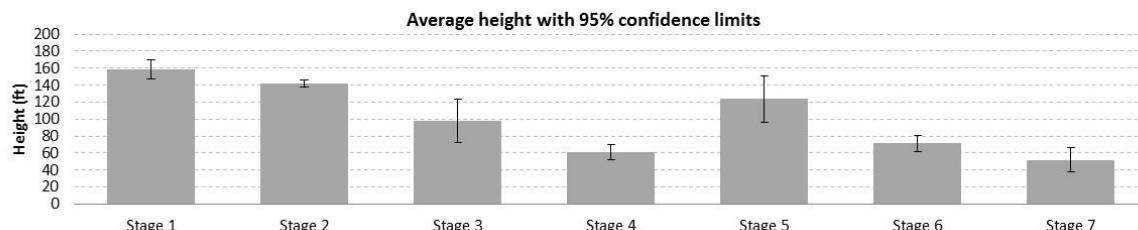
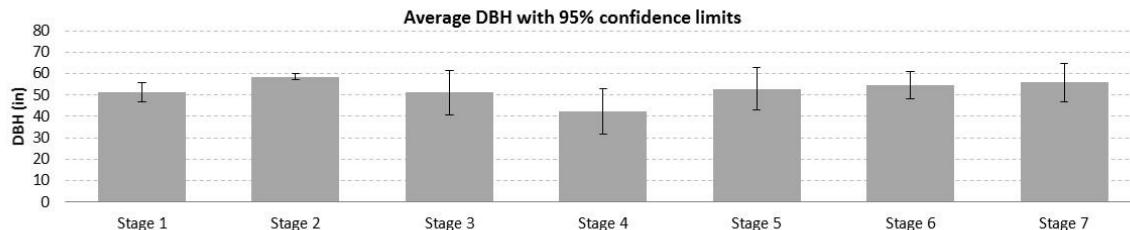
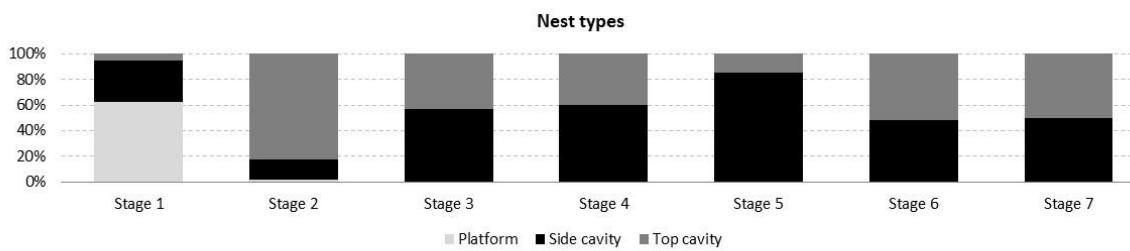
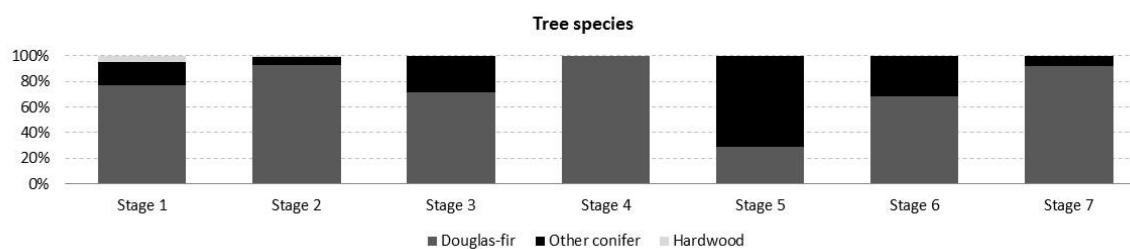
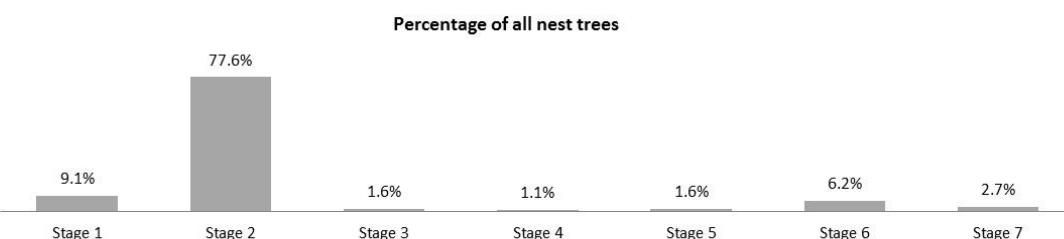
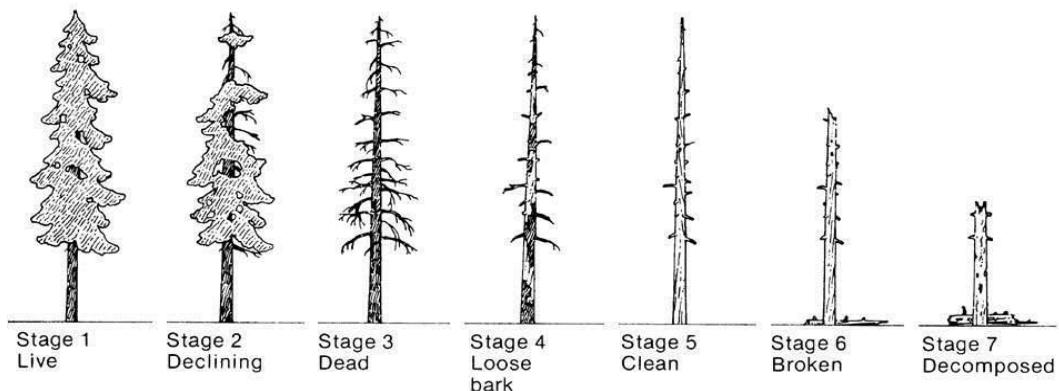
Average DBH with 95% confidence limits



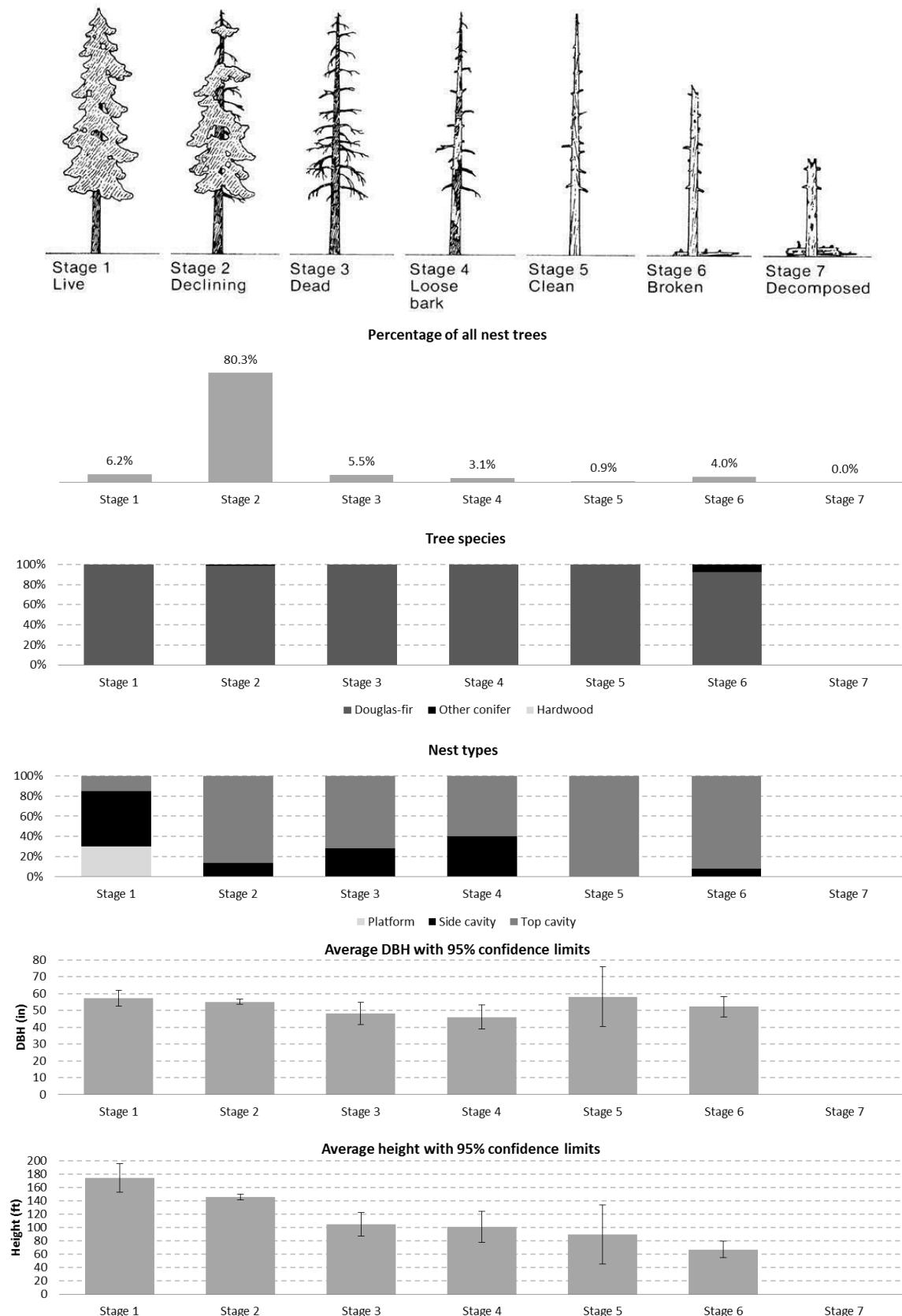
Average height with 95% confidence limits



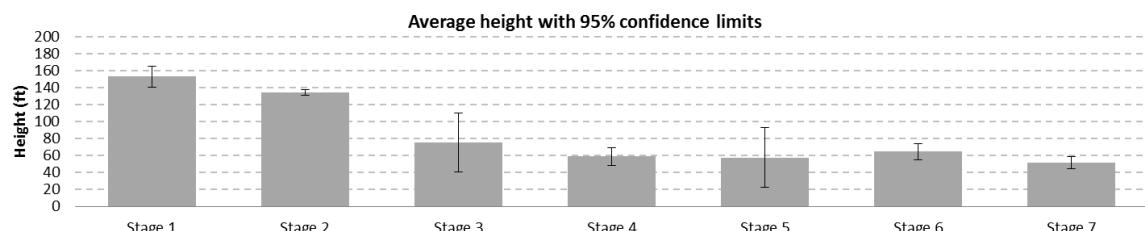
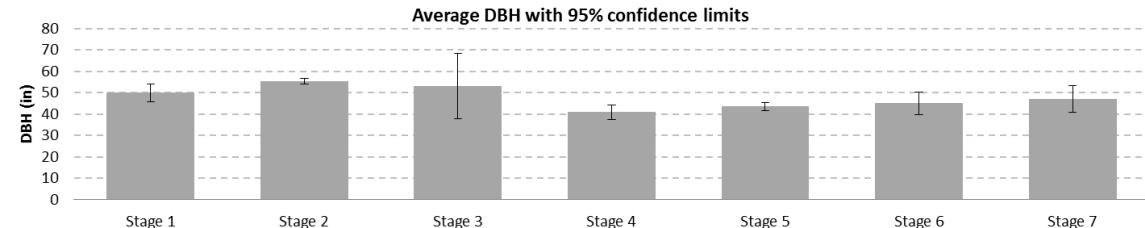
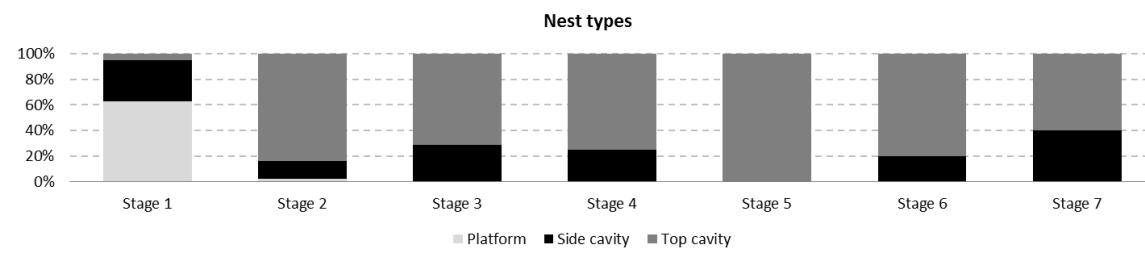
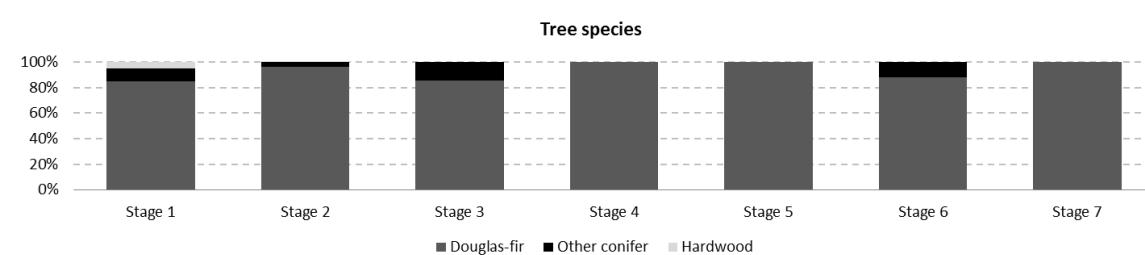
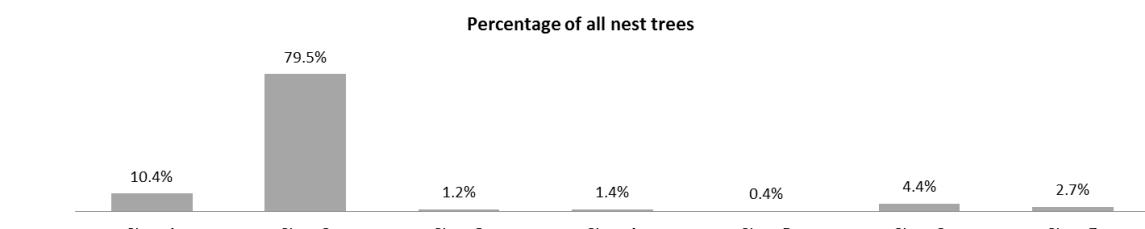
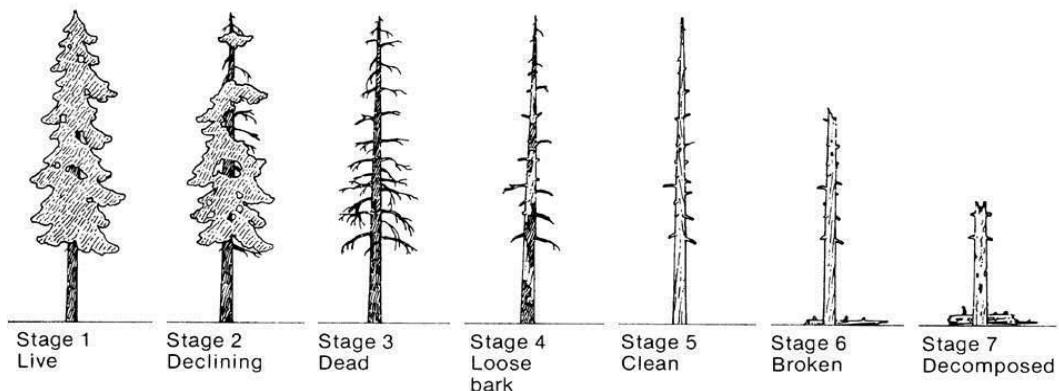
Oregon Coast Ranges (n = 438)



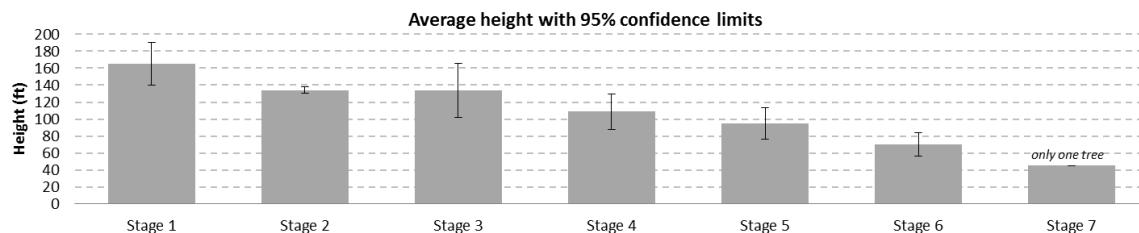
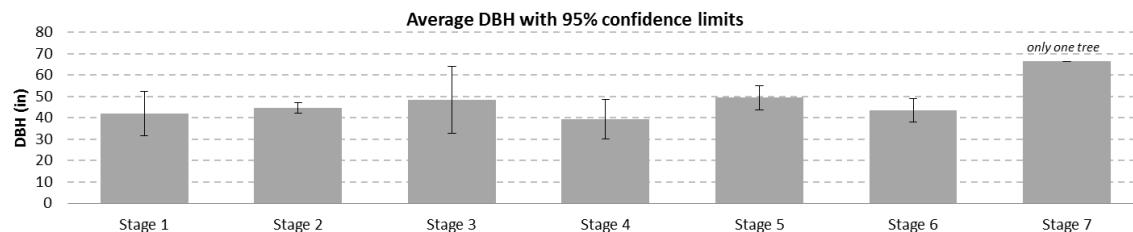
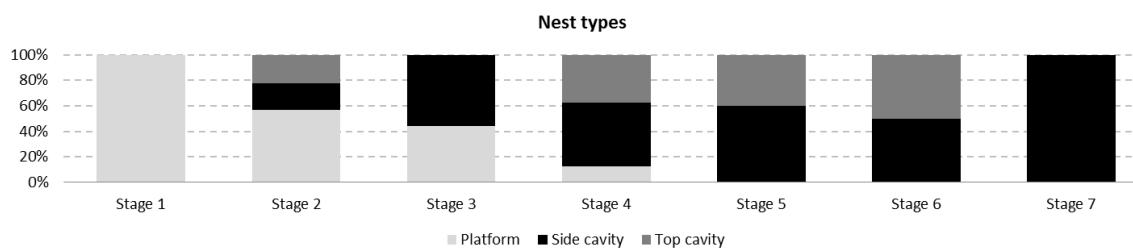
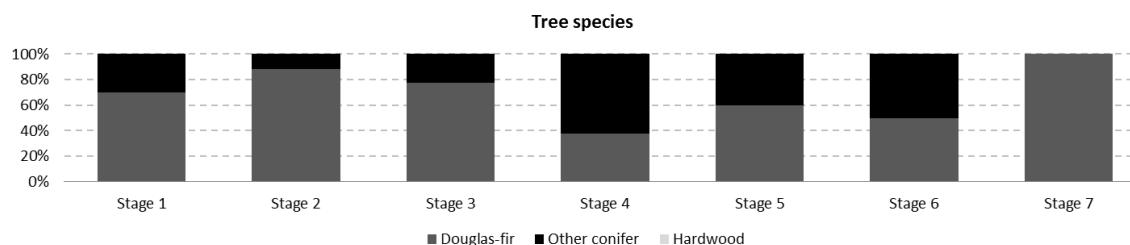
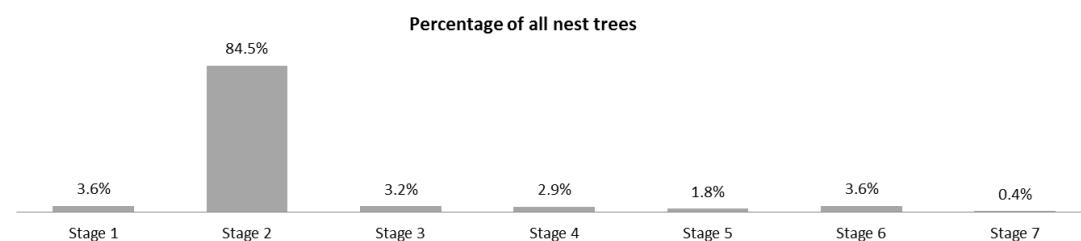
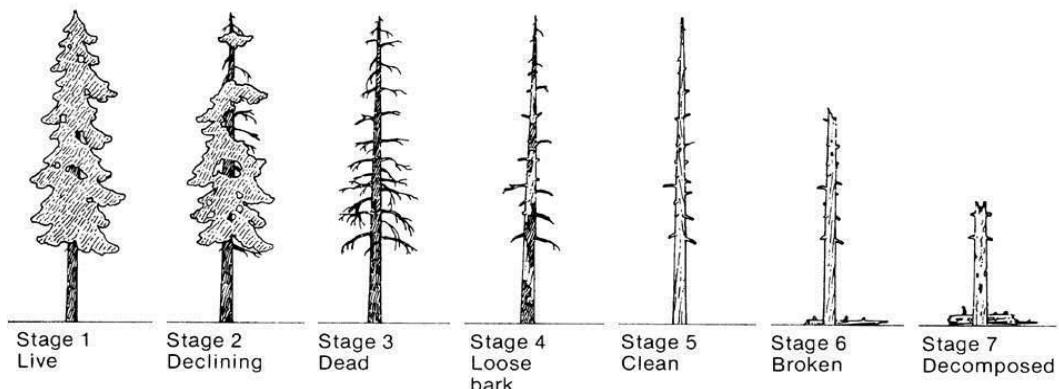
HJ Andrews (n = 325)



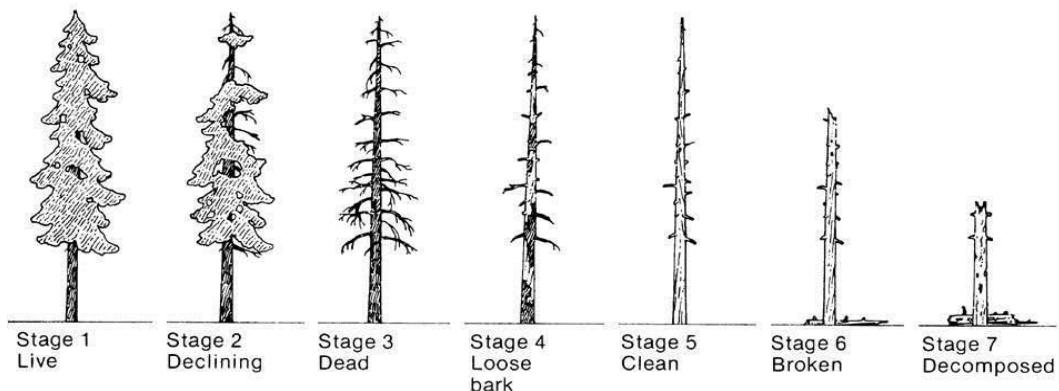
Tyee (n = 565)



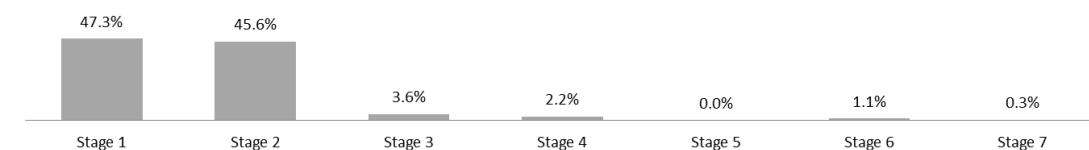
South Cascades (n = 278)



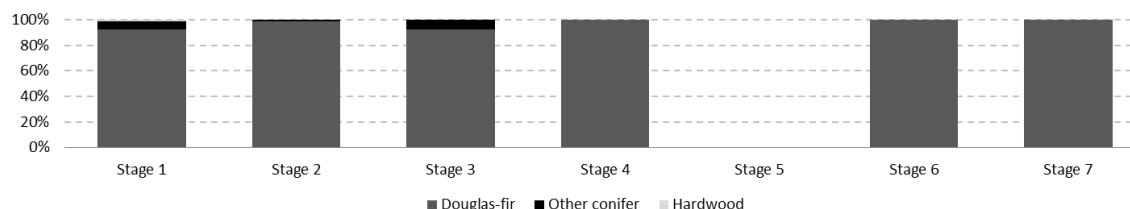
Klamath (n = 366)



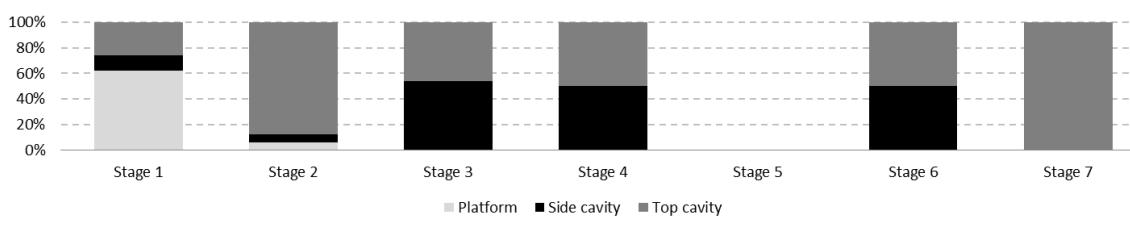
Percentage of all nest trees



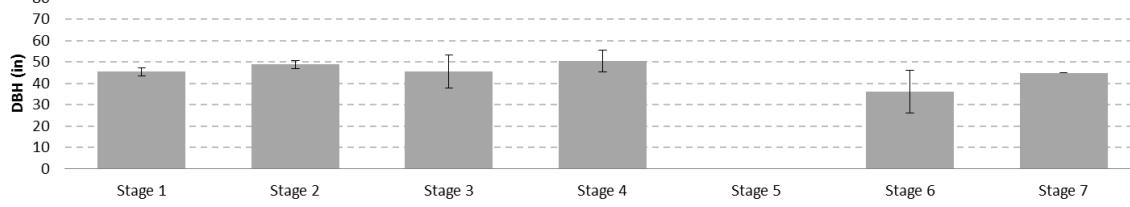
Tree species



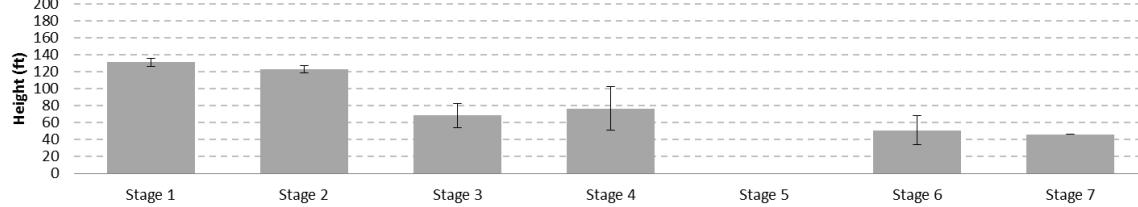
Nest types



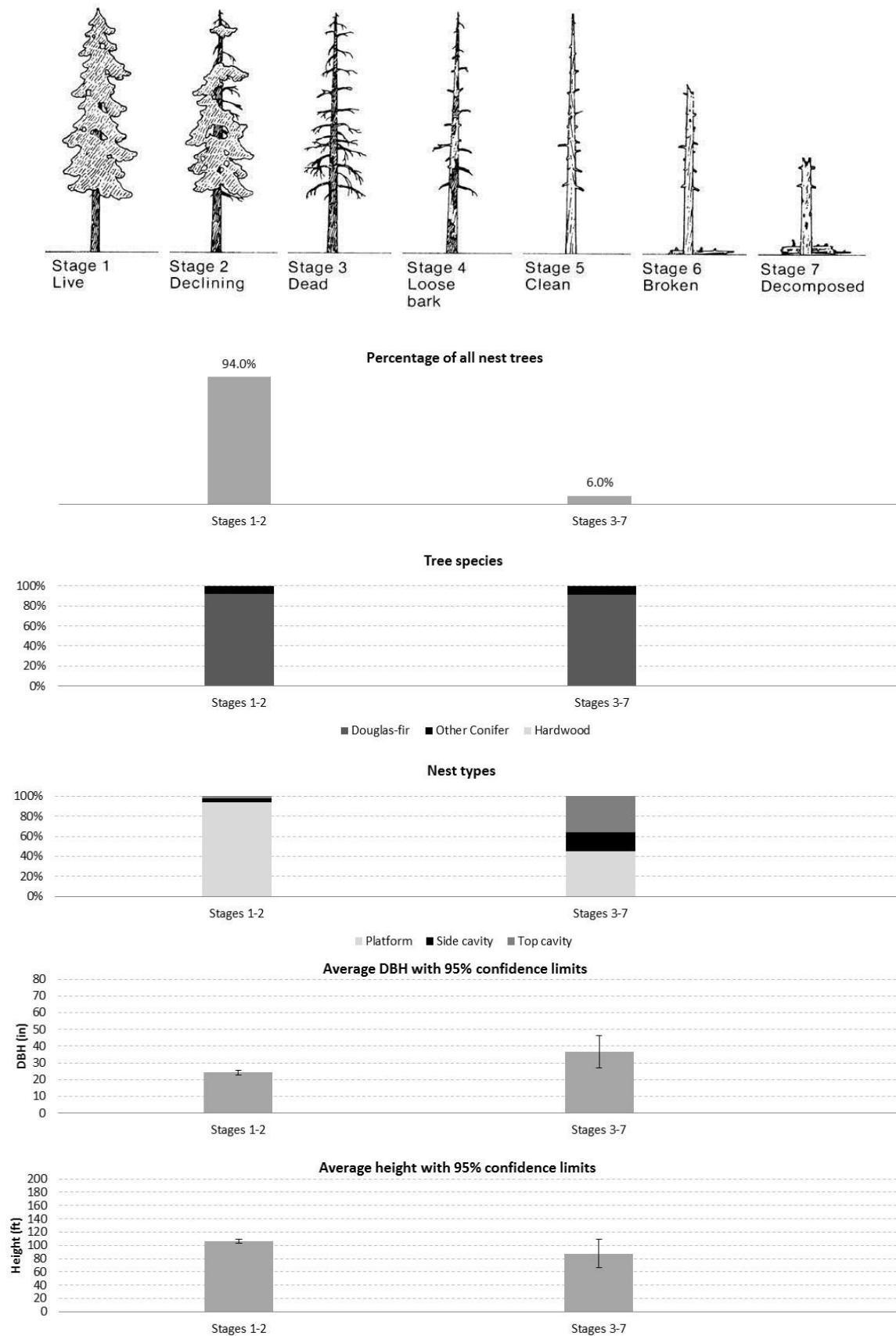
Average DBH with 95% confidence limits



Average height with 95% confidence limits



Cle Elum (n = 182)



Northwest California (n = 188)

