

A photograph of a dirt path winding through a dense forest of tall, thin trees. The ground is covered in green ferns and other undergrowth. The lighting is soft, suggesting a shaded forest environment.

WELCOME TO WOODLAND MANAGEMENT IN WESTERN OREGON

Remote Delivery Pilot, Spring 2020

For Benton, Lane, Linn, Polk counties and beyond.

Brad Withrow-Robinson & Lauren Grand

OSU Forestry & Natural Resources Extension

Introduction to Woodland Management

WOODLAND WILDLIFE HABITAT



Oregon State
University

Learning Objectives

1. What wildlife needs
2. Habitat components
3. Assessing and identifying habitat conditions
4. How to optimize your management activities to help animals thrive

Habitat = everything wildlife need Survive



Red Fox



All Wildlife need food, water, shelter, space

Your Land's Habitat Changes Over Time

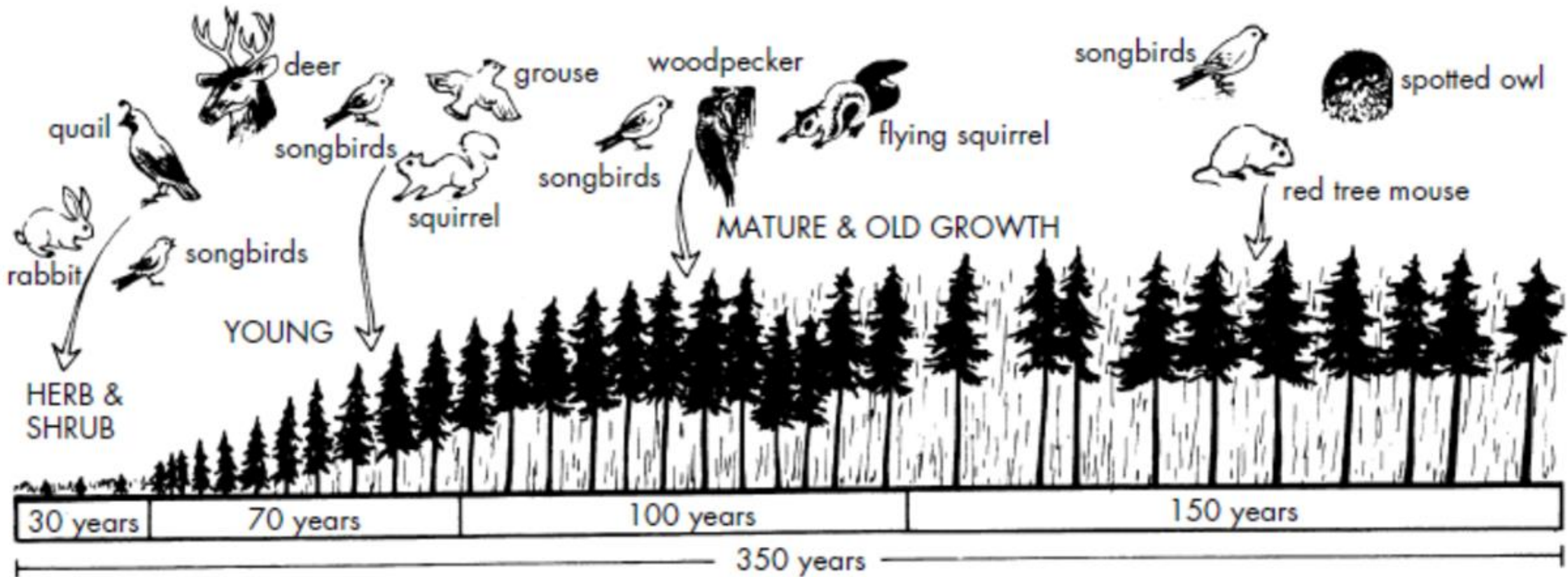


Figure 1a.—Wildlife species that live in a natural, unmanaged forest.

A photograph of a dense forest. In the foreground, a large tree trunk is covered in thick green moss. The background is filled with many tall, thin trees, and sunlight is filtering through the canopy, creating a bright spot in the distance.

What are some elements of habitat?

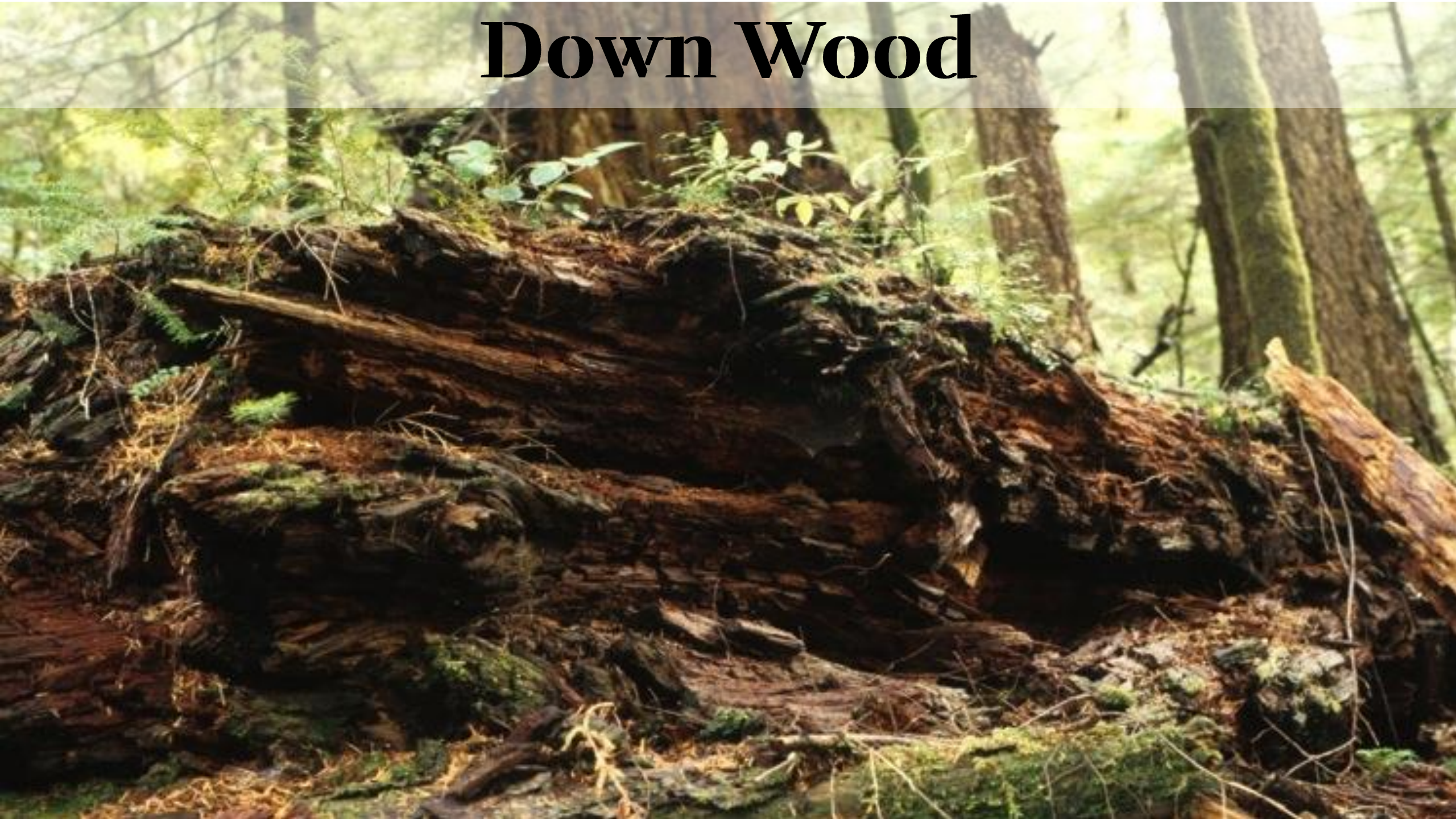
Snags are dead standing trees







Down Wood











**Hardwood Trees provide food,
cavities, & perches.**

Poll:

What are Hardwood and Deciduous trees?



**Hardwood Trees provide food,
cavities, & perches.**



Shrubs & small trees– dense cover & fruit



Wilson's warbler nests in shrubs and thickets in W. Oregon. Photo: J. Rivers





Cornell map

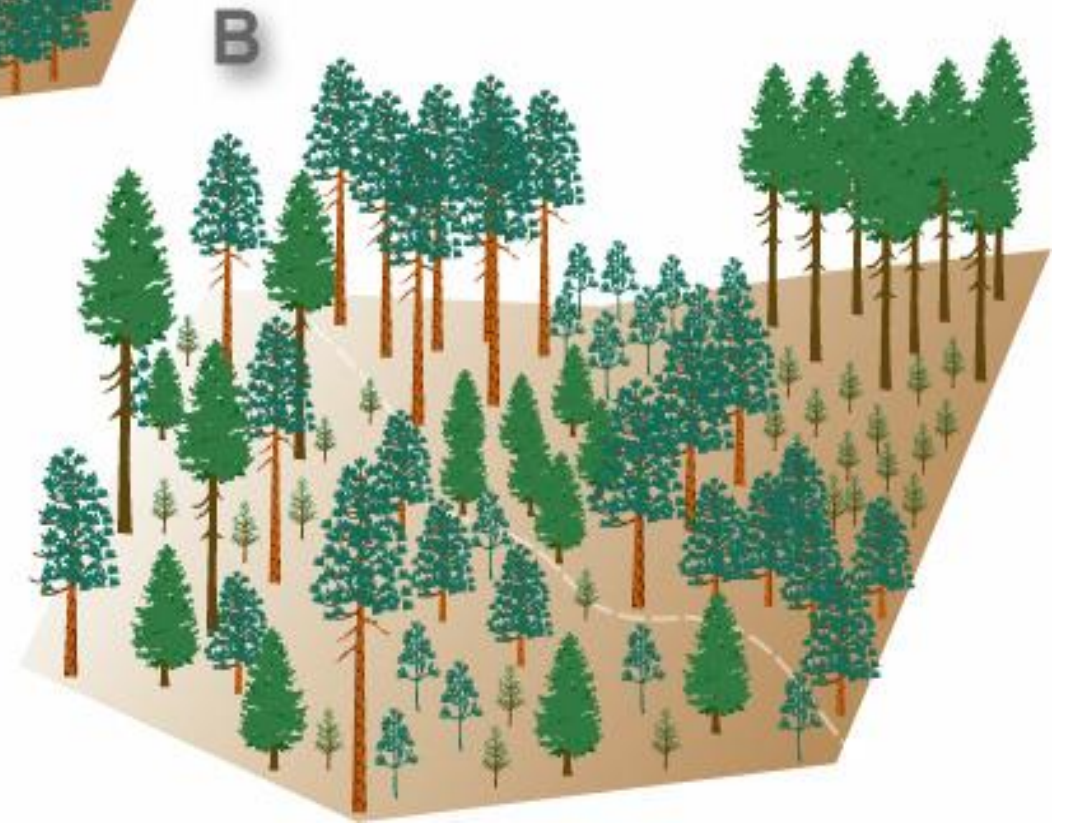
- <https://www.allaboutbirds.org/news/mesmerizing-migration-watch-118-bird-species-migrate-across-a-map-of-the-western-hemisphere/>

Nectar Producing Plants

- Salmonberry
- Flowering currant
- Snowbrush
- Penstemon
- Columbine
- Paintbrush
- Ninebark
- Vine maple
- Oregon Crabapple



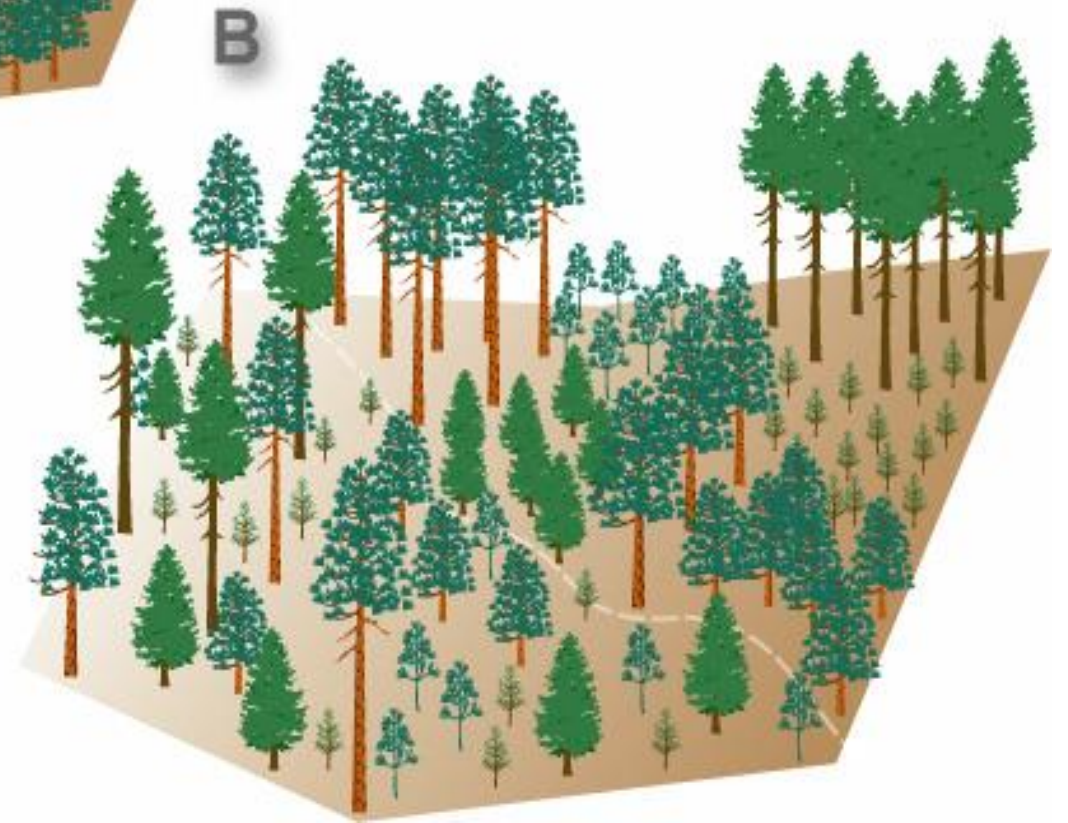
Diversity in Composition and Structure



Poll:

Do these habitat elements add to a forest's structural diversity, species composition diversity, or both?

Diversity in Composition and Structure



Water and Riparian Zones



Photo: Ken Bevis, WA DNR



Section 2: Optimizing Activities



What's here for wildlife? How can it be enhanced?





Think about wildlife when establishing trees



**Invasive Species provide little
benefit to wildlife**







Regeneration Cut – maintain some dead wood and hardwoods



Maintain some slash piles



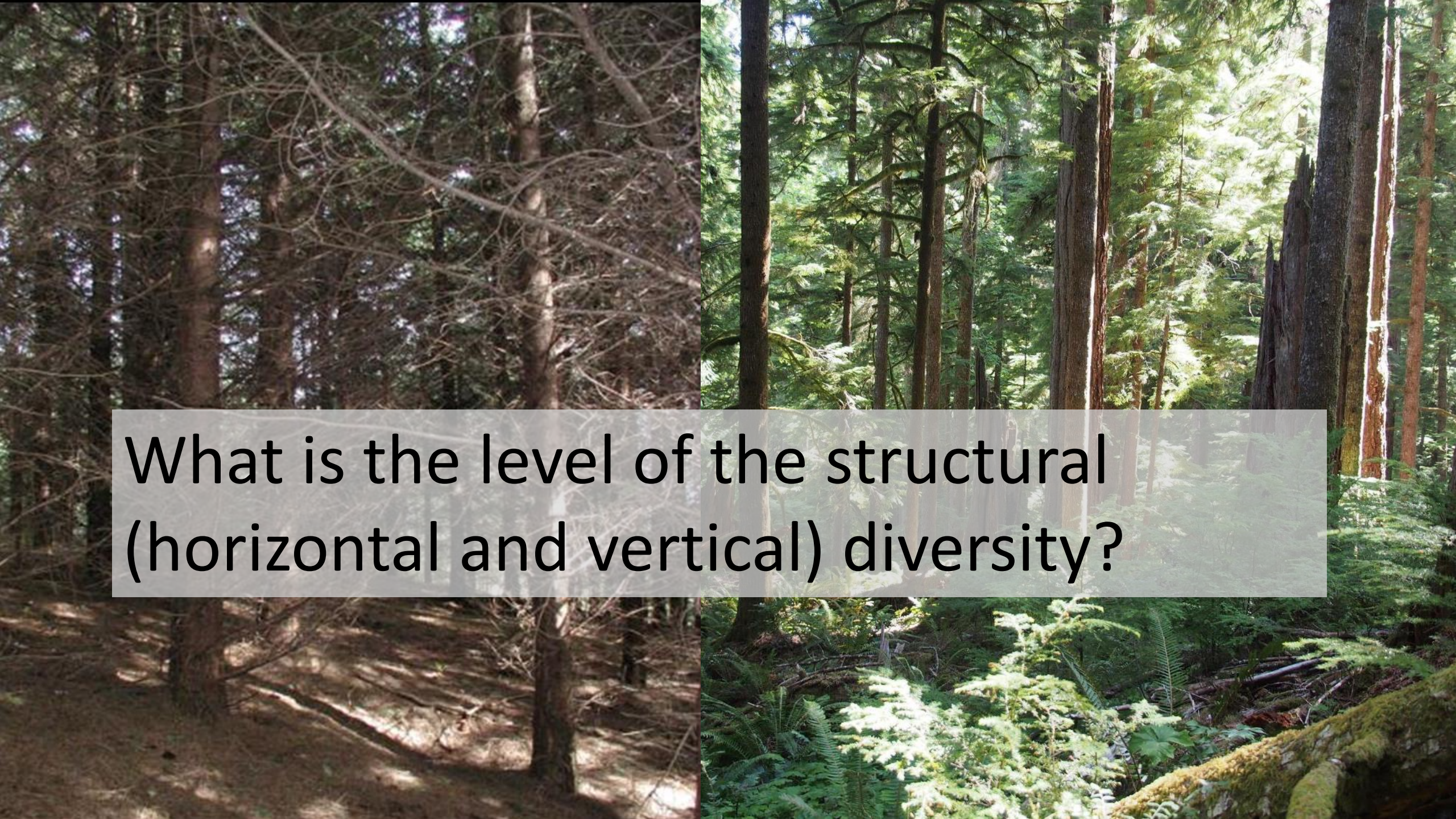
What is the quality of habitat for each photo?





What is the level of the species diversity in each photo?

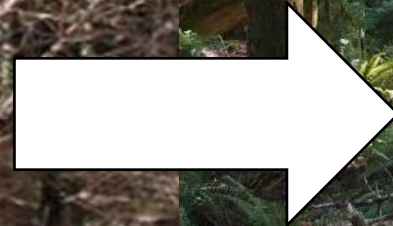





What is the level of the structural
(horizontal and vertical) diversity?

Discussion

What activities might you do to improve diversity?





What activates have you been doing do
to improve diversity on your property?

Thinning is your most useful tool

