

# Upland Forest Thinning in the Cedar River Municipal Watershed

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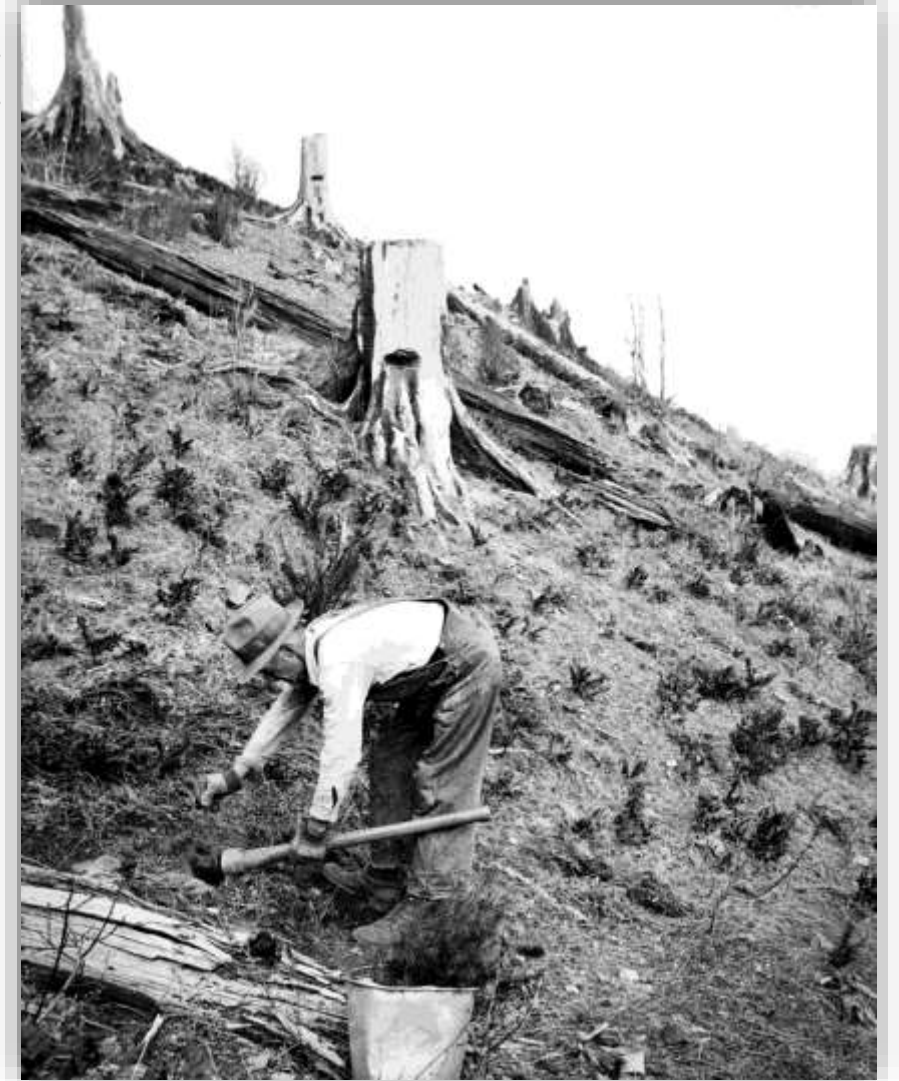


City of Seattle

# Historic Watershed Management



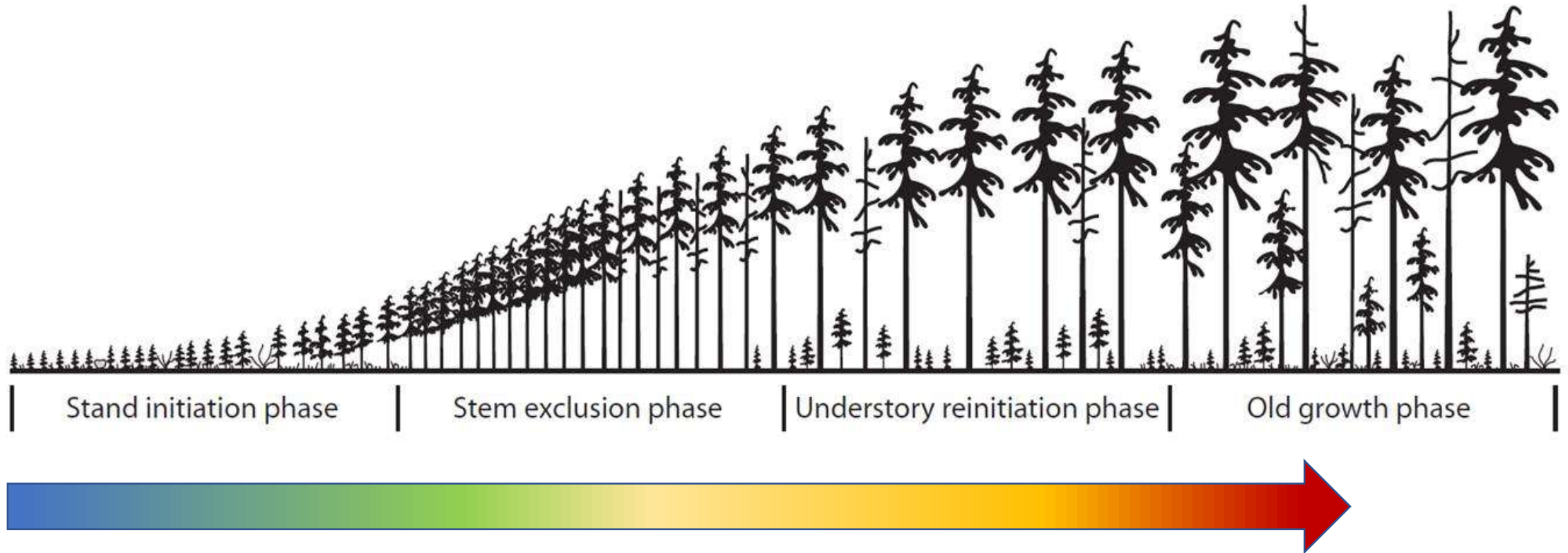
Mt Washington, Masonry Pool, and Chester Morse Lake, 1918



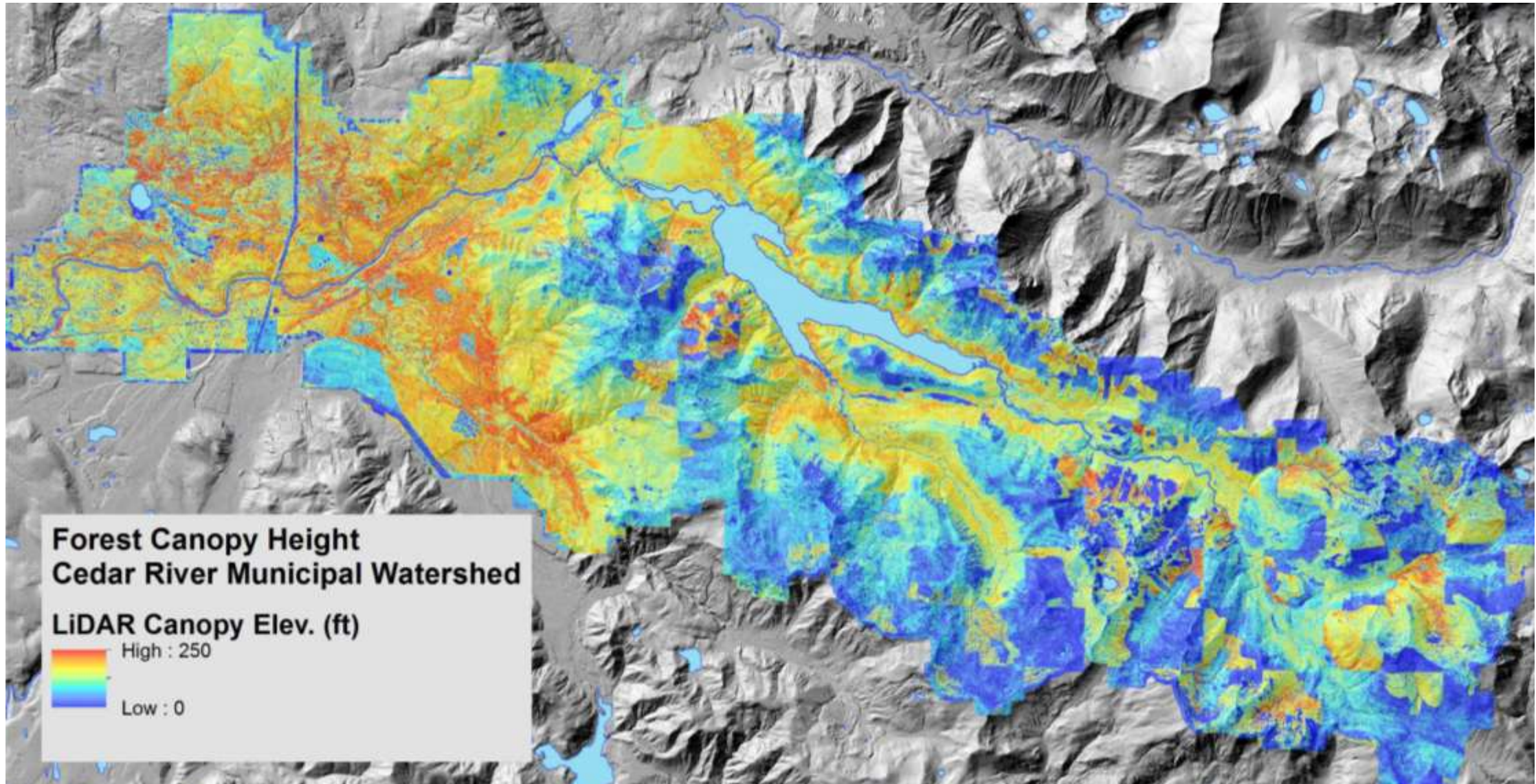
Reforestation Rattlesnake Mtn, 1935



# Forest Development following Major Disturbance

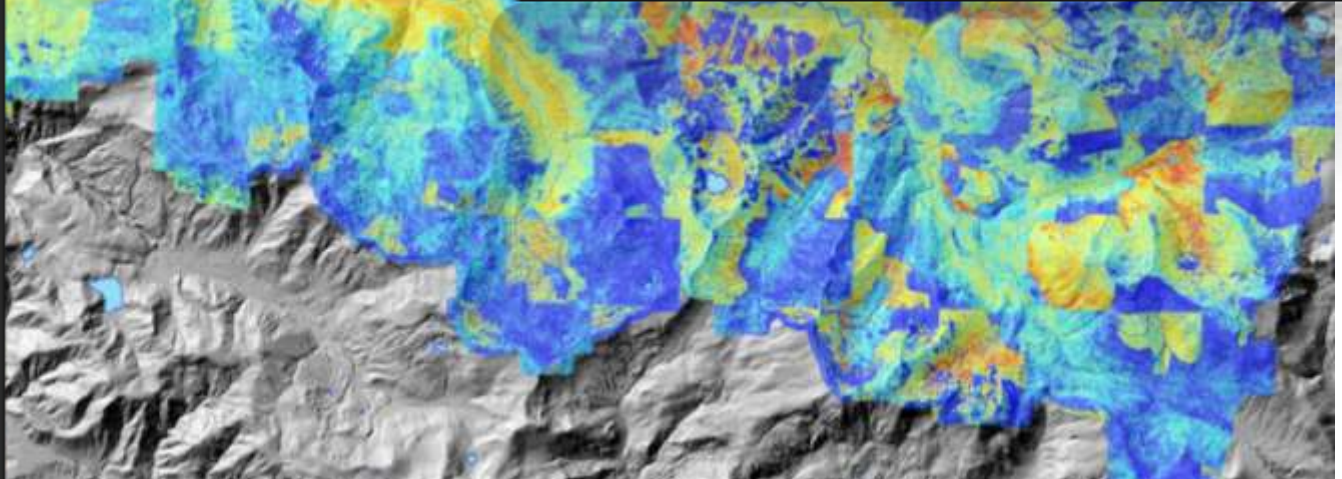
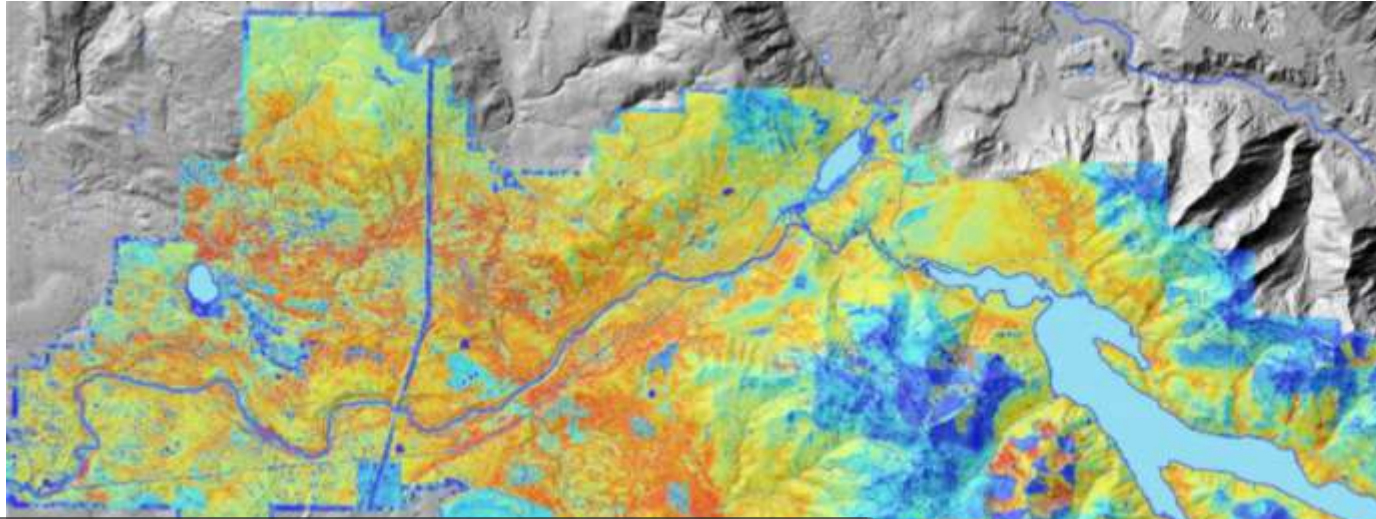


# Forested Watershed Landscape





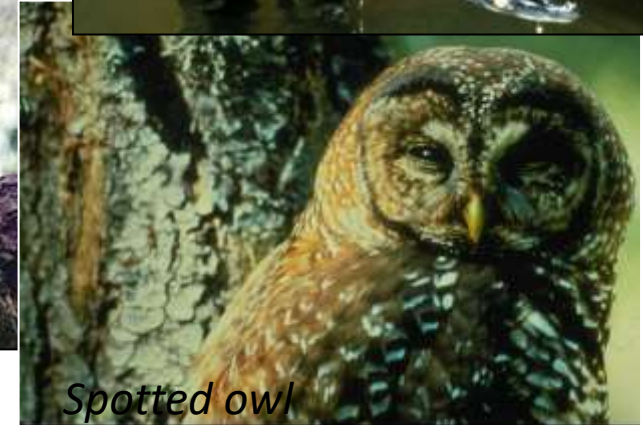
# Forested Watershed Landscape





# Cedar River Watershed – Habitat Conservation Plan

- Ecological Reserve
- Protection from land-use change and commercial forestry
- Forest, Fish, and Flows
- Water supply
- Habitat for fish and wildlife
- Upland Forest Restoration Program Goals:
  - Develop landscape of old forest habitat
  - Increase biodiversity

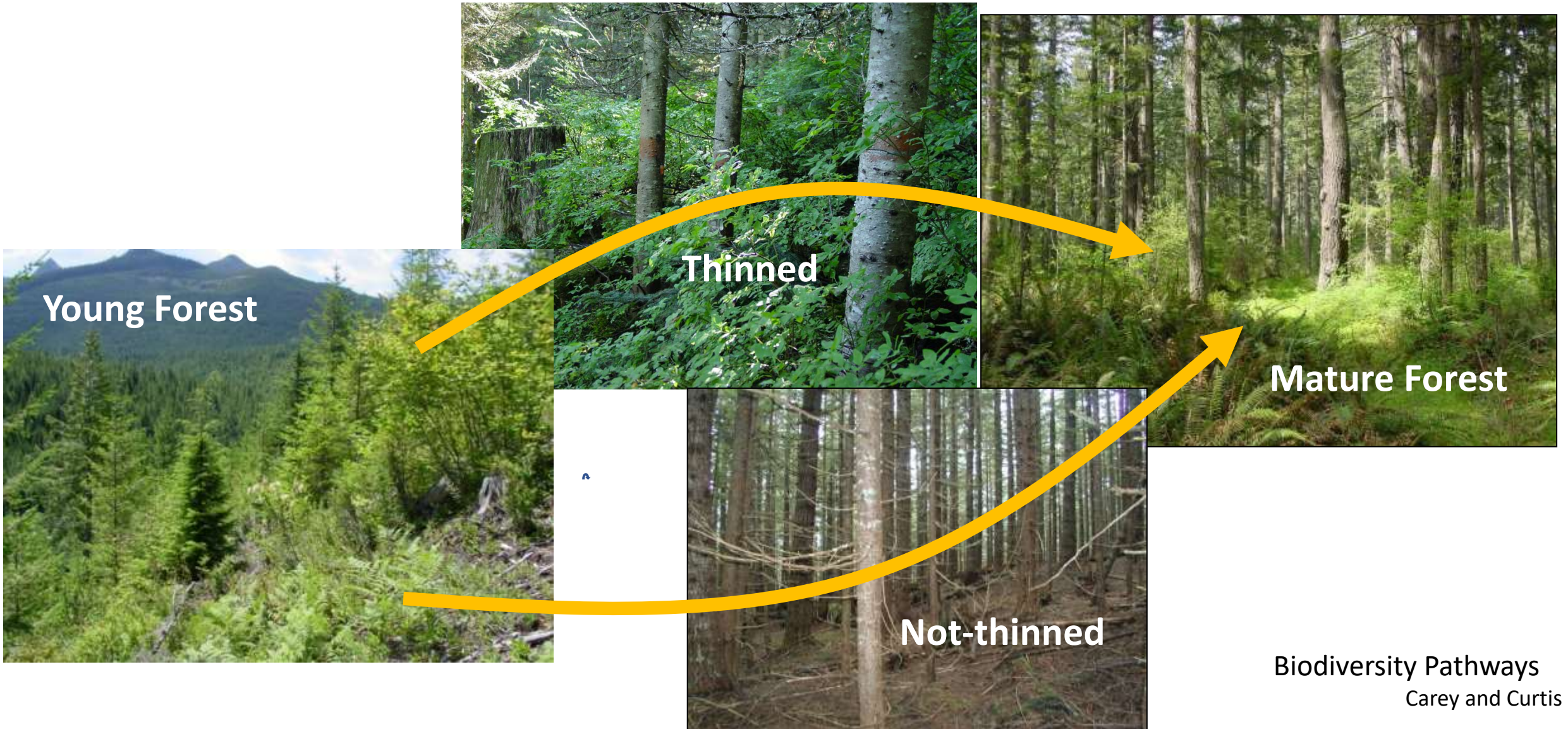








# Biodiversity Pathways to Mature Forests



Biodiversity Pathways  
Carey and Curtis



# Young Forest Restoration Thinning





# Species Diversity



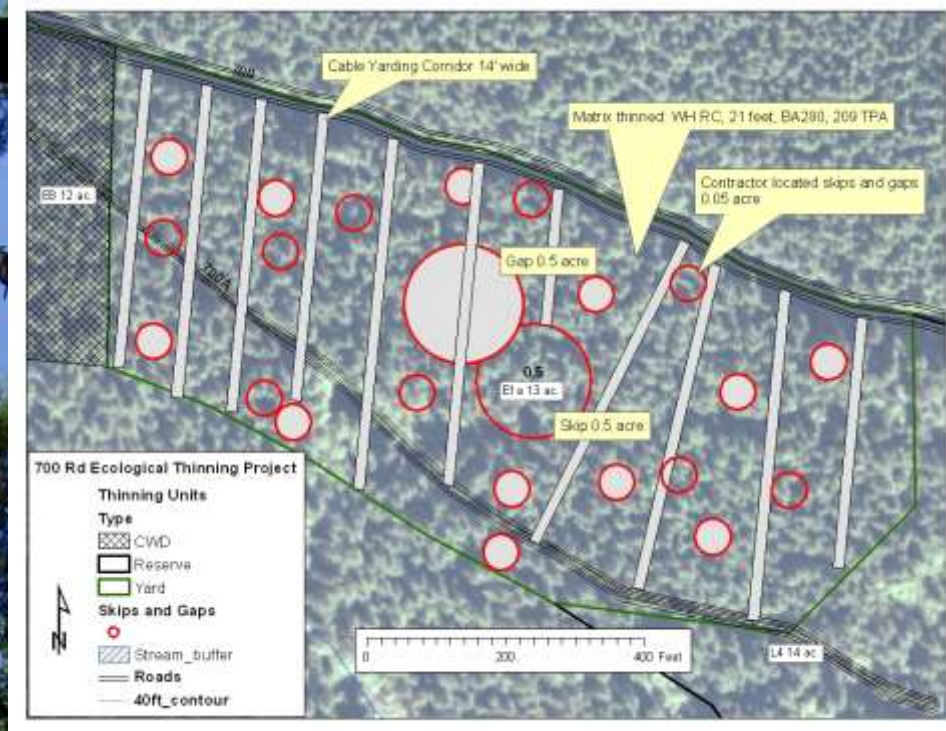
Big Huckleberry under Pacific Silver Fir



Western White Pine

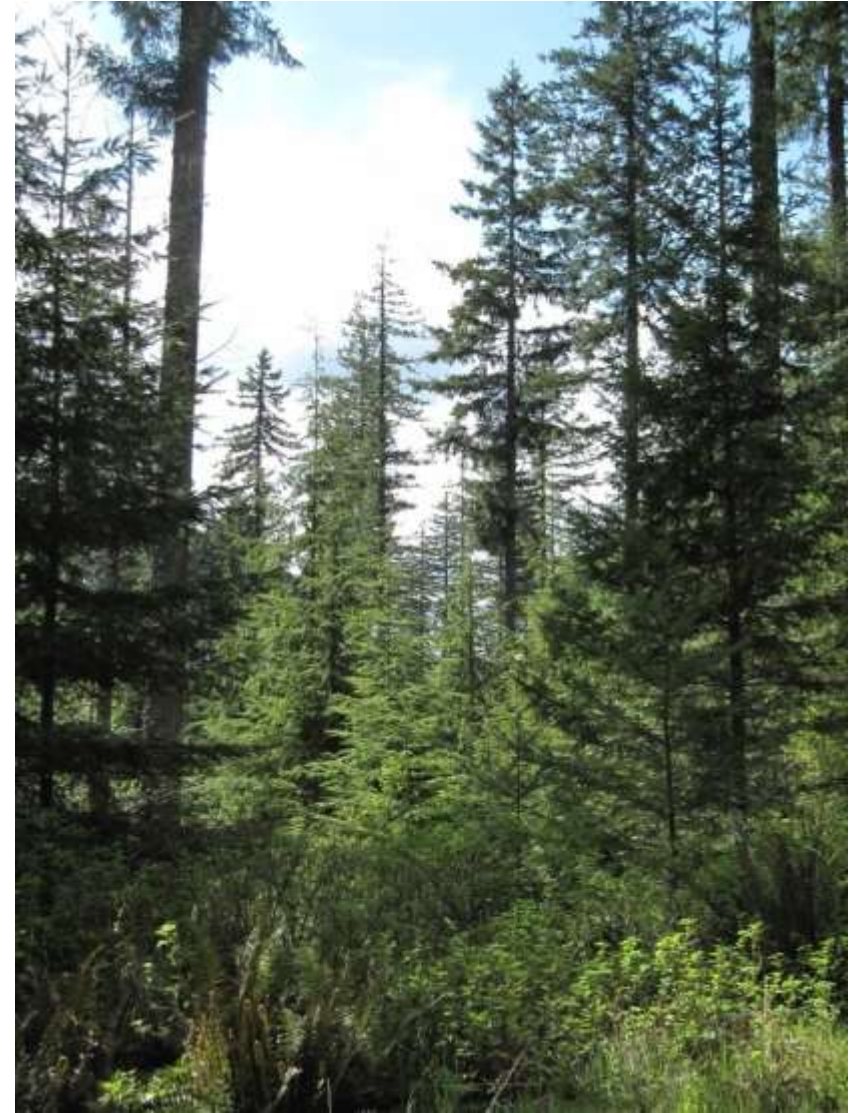


# Upland Ecological Thinning





# Multi-aged Forest Structure



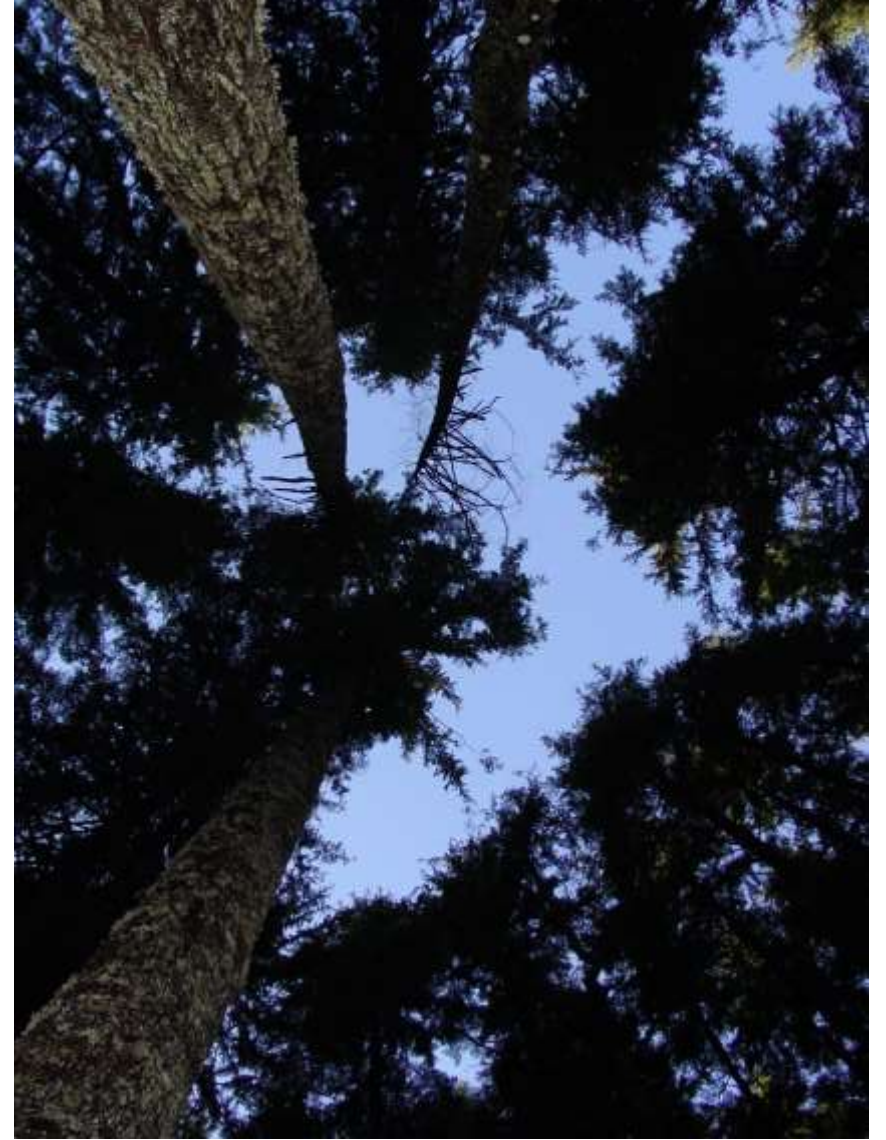


# Canopy Gaps



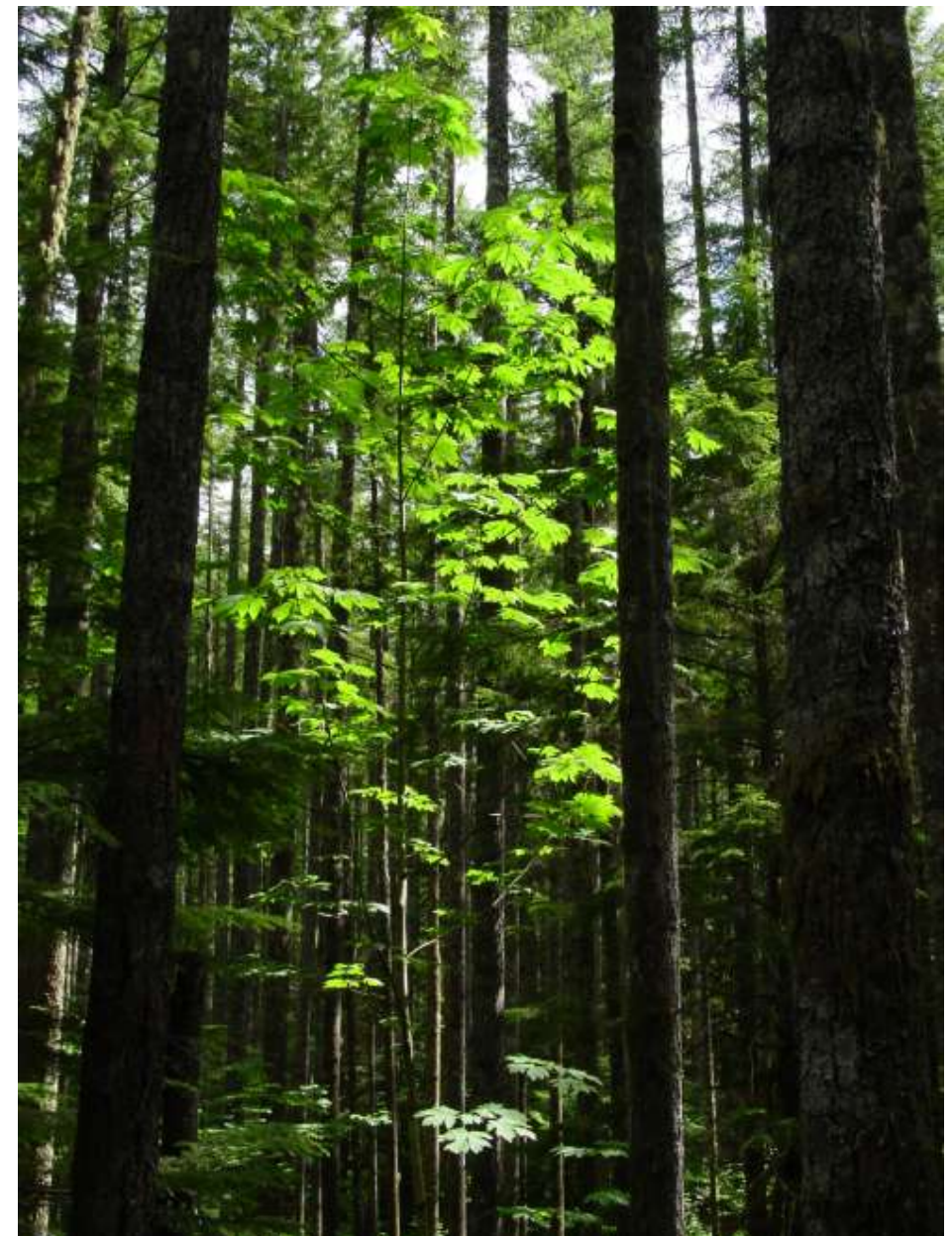


# Individual Tree Release



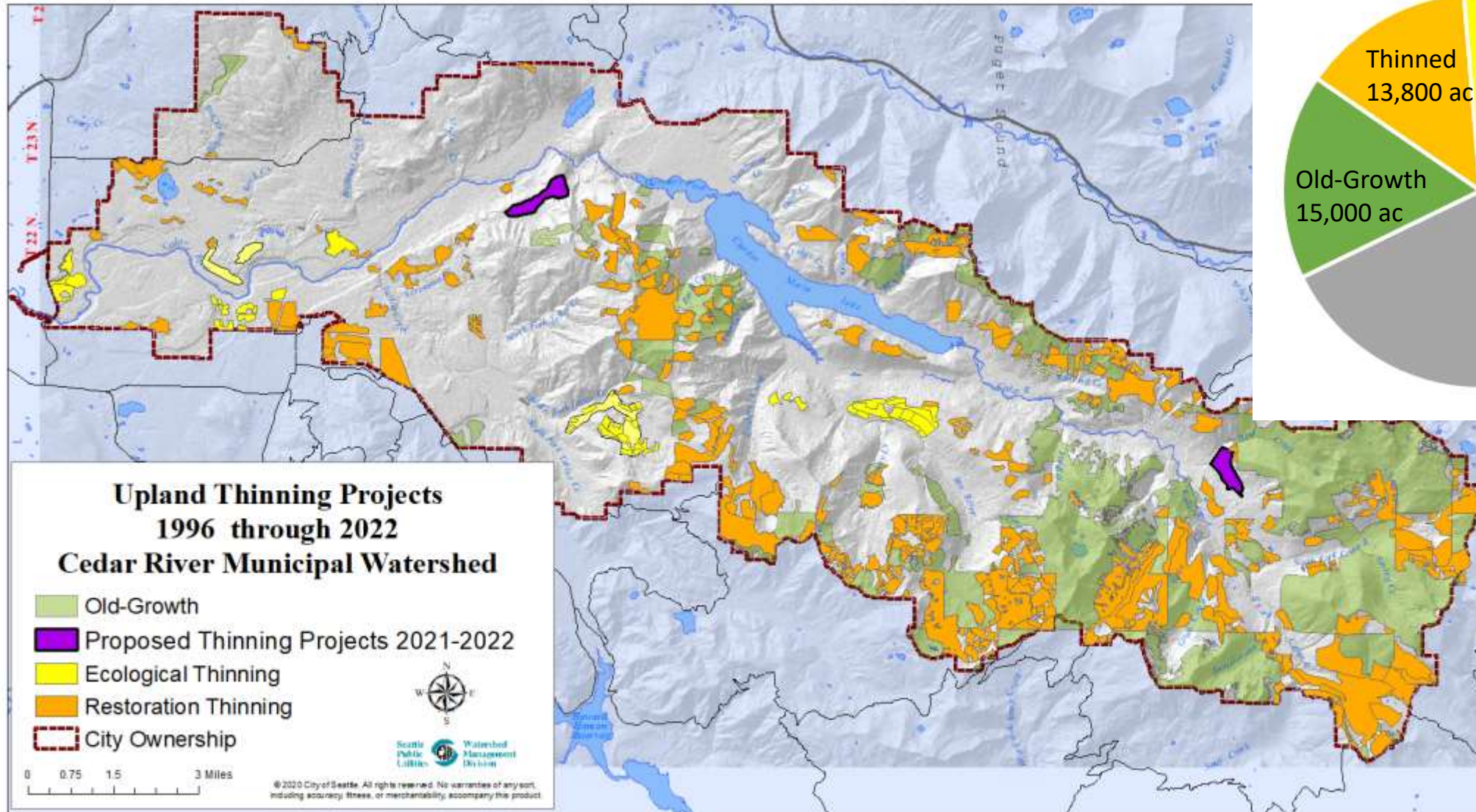


# Dead Wood and Minor Species

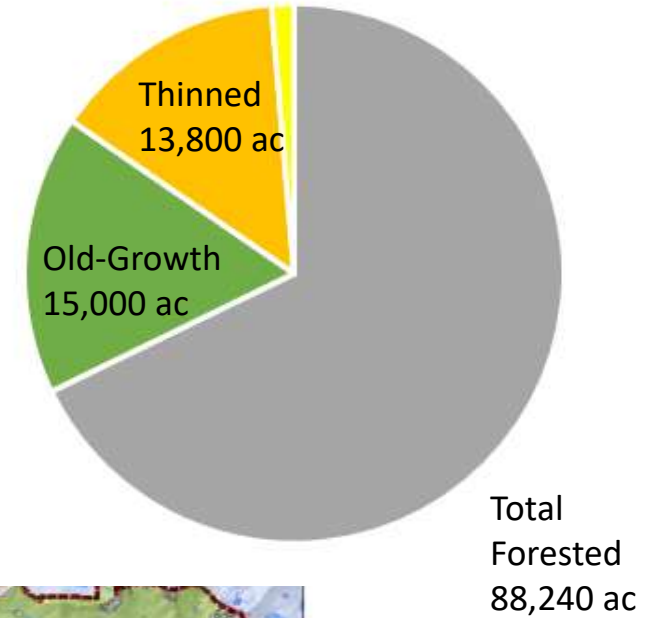




# Upland Forest Thinning Projects



CRMW Forest Types







Thank you.

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