

# Thinning beyond Fire

Silviculture beyond harvesting

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**REDWOOD LOGS WORTH** a small fortune even in 1891 are hauled to the Eureka mill by Number 3 Baldwin of Excelsior Redwood Co. The first log behind the locomotive had a diameter of 11 feet, 9 inches.

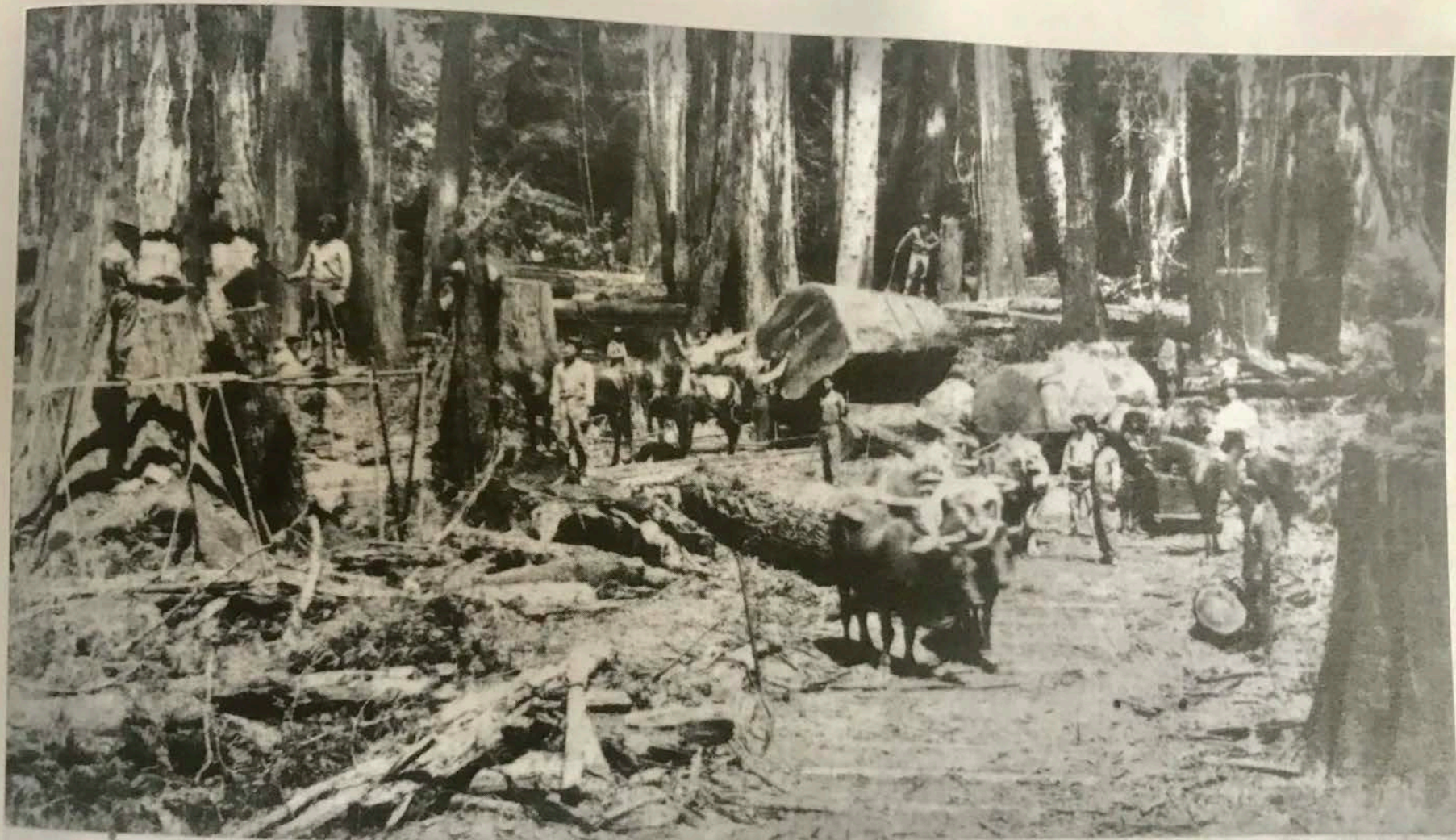


*Cooper's Rancho El Molino, northwest of March's Mill on Mill Creek and in the Big Bottom region of the Russian River, at a place called Stumptown (later called Guerneville) near the Heald and Guerne's Mills.*



13002 Early day (sic) cutting redwoods Sonoma County, Guerneville, 1875





(A. L. Guerne.)

Logging near Guerneville, probably on the Willets' claim in Big Bottom, circa 1875. Albert L. Guerne Collection





3954 Ox team pulling logs, Guerneville, 1908



# Think of Forests as Living Firewood

- BTU's in the air
- Strata that can connect, or not
- Visible with LIDAR





Thinning puts a lot of wood on the ground,  
which doesn't go away



by itself.





# Control Burn, Jenner Headlands









# Slash Orientation for BTU control



Also for habitat – birds, reptiles, amphibians, mammals



# Slash Orientation for BTU control



Piles are bigger than 'lop and scatter' but protect trees from fire



# Using all the wood





# Using all the wood





# Using all the wood





# Spacing the Trees – short term





# Spacing the Trees: Long Term

