



JACKSON  
DEMONSTRATION  
STATE FOREST 

## Caspar 500 Timber Harvest Plan



### Our Website:

<https://www.fire.ca.gov/programs/resource-management/resource-protection-improvement/demonstration-state-forests/jackson/>

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## Project Goals

- Promoting redwood seedlings through stump sprouts.
- Maintaining and improving forest health and fire resiliency.
- Reduce Eucalyptus footprint within project area.
- Adopt/improve trails within the project area.

## Forest Health and Fire Resiliency

- Removing some of the less vigorous trees allows the remaining trees to thrive because more sunlight and soil resources are available.
- Management creates more space between trees so wildfires can shift from a crown/canopy fire to a ground fire.
- Work will include treating fuels and logging slash/woody debris along roads and trails for further protection and creates a strategic, defensible location for fire fighters.
- Creating a shaded fuel break, changing the fuel continuity, along Road 500 to promote fire preparedness for the neighboring communities and the Forest.

## Eucalyptus Reduction

In 1895, the Caspar Lumber Company planted ~1,000 non-native blue gum eucalyptus were planted as a wind break for the Caspar Orchard. Today, the eucalyptus has spread to ~300 acres, takes resources away from native species, and presents a significant fire hazard. Eucalyptus is difficult to manage due to the stumps quickly re-sprouting after being cut. This project is exploring two treatments:

1. Mechanical thinning – cutting eucalyptus while leaving a denser redwood canopy to shade the stumps.
2. Fire – cutting eucalyptus, piling slash on the stumps, and then burning the piles.

The eucalyptus portions of the Project Area have a foot (or more) of dead fuel on the ground from eucalyptus bark and limbs.



# Caspar 500 THP

## Timber Harvest Plan

Sections 3, 5, 8, 9, & 10  
T17N, R17W, MDB&M

USGS 7.5 min Quadrangles:  
Mendocino and Mathison Peak



JDSF Property Line



Class I Watercourse



Class II Watercourse

Single Tree Selection 150 sq ft

Group Selection (less than 1/4 acre)

Eucalyptus

No Harvest

Eucalyptus Demonstration

Group Selection Area (~14 acres)



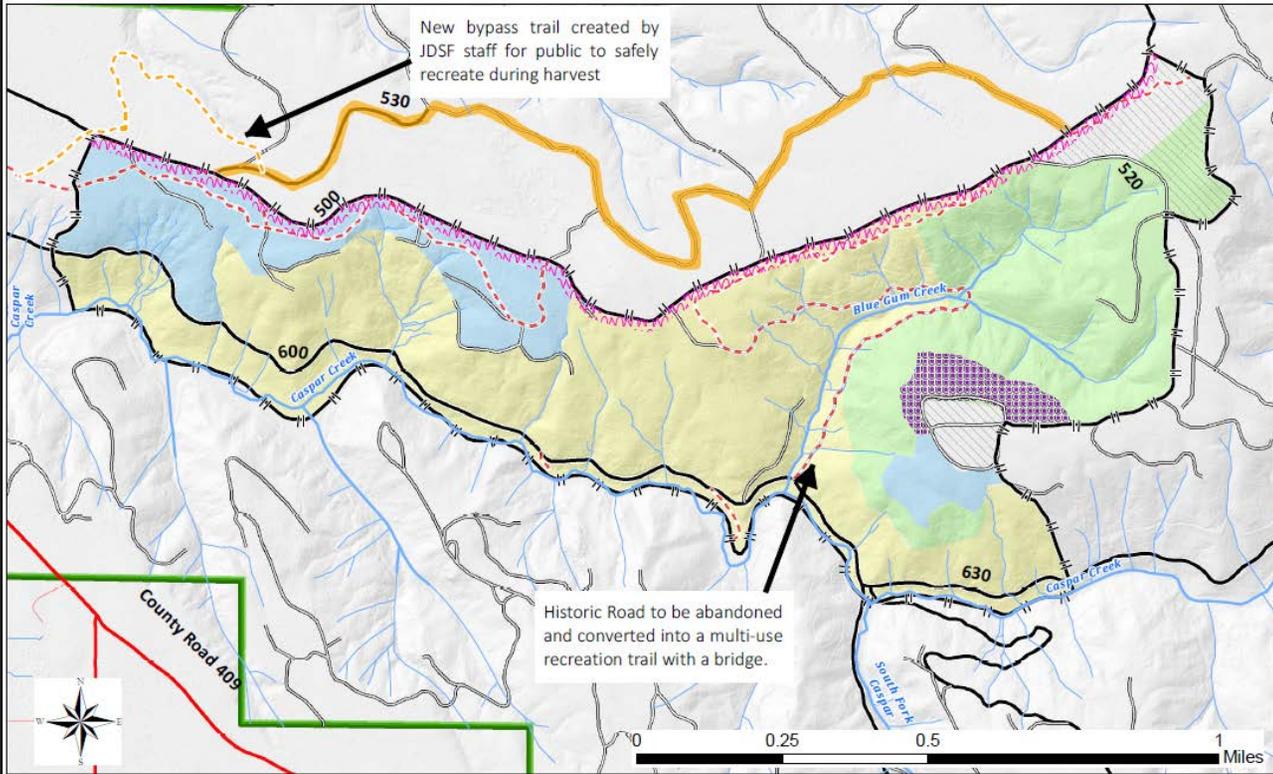
Popular Recreation Route

New Caspar Bypass Trail



JACKSON DEMONSTRATION STATE FOREST

TRN 3/29/2021



## Silviculture

Silviculture is the science of growing and nurturing of trees. The Forester “prescribes” a treatment for each project based on factors such as:

- Wildlife habitat
- Age and growth of the trees
- Past management
- Aesthetics/beautification

The two treatments used in this project are:

- Single tree selection – uniformly removing one tree from all size groups (~35% of the trees).
- Group selection – removing all trees within a specific area (for this project ¼ acre).

Both treatments promote redwood seedlings sprouting from stumps.

## Recreation Benefits

This project presents an opportunity for recreation improvements such as:

- Conversion and adoption of “Blue Gum Trail” which includes a multi-use bridge.
- Updated watercourse crossings to reduce sedimentation, erosion and promote safety.
- Trail closures will be minimized where feasible.
- JDSF staff created a bypass trail for continued access to trails outside of the project area.



User built bridges will be replaced with rocked fords to address safety and erosion concerns.