



State Wildlife Action Plan 2015 Update

Klamath Mountains

Robert Schaefer, Wildlife Program

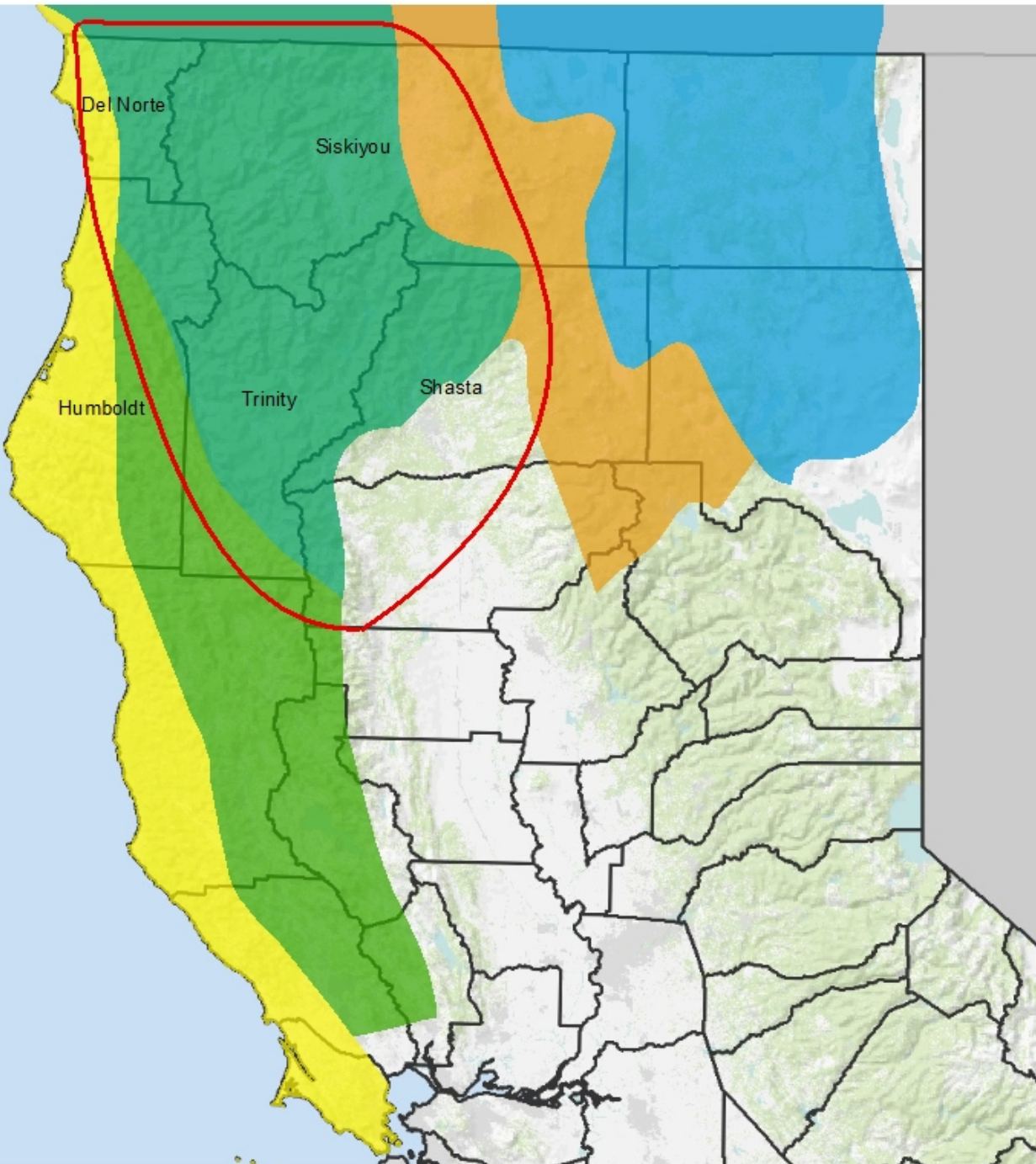
Joe Croteau, Habitat Conservation Program

November 12, 2013

The Mission of the Department of Fish and Wildlife is to **manage** California's diverse fish wildlife and plant resources, and the habitats on which they depend, for their ecological **values** and for their **use** and **enjoyment** by the **public**.

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Klamath Mountains Province



- Klamath Mountains
- Modoc Plateau
- Northern California Coast Ranges
- Northern California Coast
- Southern Cascades



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What is a Fish




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Don't forget the Plants!

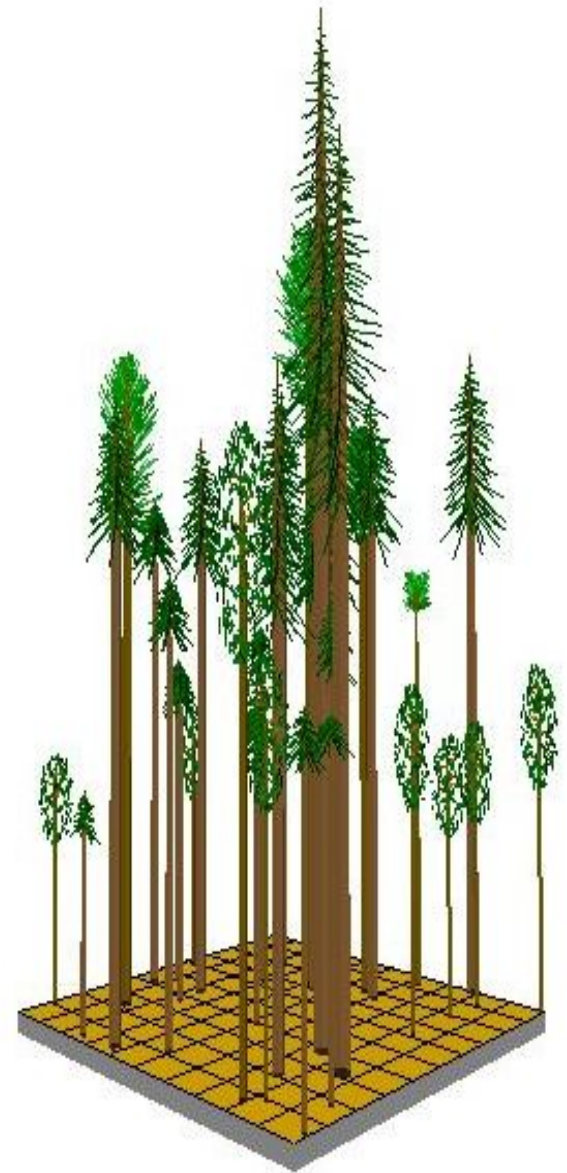


Of Greatest Conservation Need

- Mountain Meadows/Aspens
 - **Comprise <1% of the landscape**
 - Conifer encroachment
 - Invasive weeds
 - Hydrologic regime changes
 - Early Seral Conditions
 - Fire dependency
 - **Conifer encroachment**
 - Little economic value
 - Urban interface/development
 - Mature Forests
 - Extent is variable in each watershed, but generally ranges from 0-~50%
 - **Overstocked stands ripe for stand-replacing fires and disease**
 - Timber harvesting
- 
- All suffer from 100+ years of fire suppression
 - All suffer from lack of management/planning
 - Seral stages may shift in distribution due to climate change
 - **All could suffer from newest era of marijuana production**

Strategies

- Develop Partnerships
 - **More Science!**
 - Prioritize resource needs
 - Land use planning
- Direct management
 - Work with private landowners to enhance targets
 - **Federal land management planning needs**
 - Seek funding to develop improvement projects
 - Prescribed fire
- Outreach and Education
 - **Inform public to influence attitudes and behaviors**
 - Share science to make informed decisions
- Provide economic incentives
 - Conservation easements
 - Stewardship payments
 - **Safe Harbor Agreements**



Mountain Meadows





Yosemite 1899

Conifer Encroachment



Yosemite Valley 1961

Yosemite Valley

1910

Conifer Encroachment



1995

Trout Meadows Tulare County







Grows on the Watershed Scale
6/19/13







Better Management



Informed Decisions

