



CDFW UPDATE

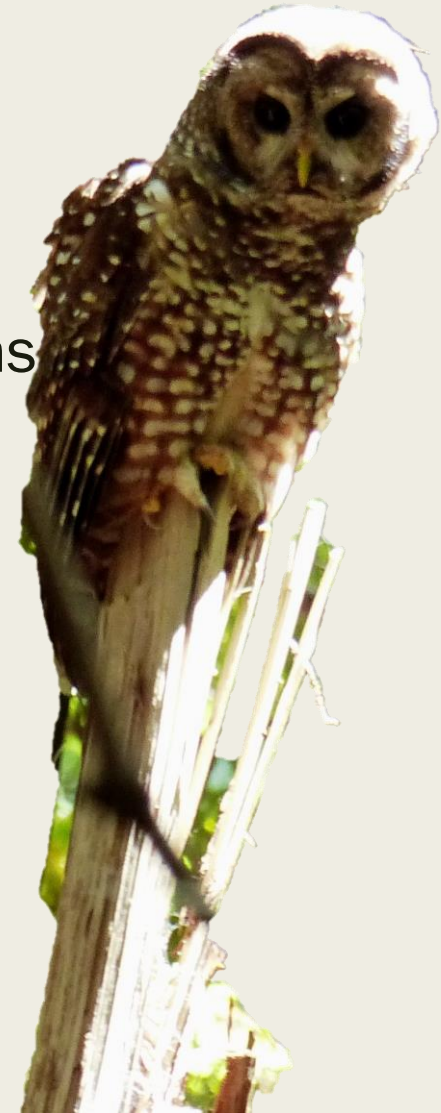
Northern Spotted Owl Stakeholder Forum

October 23, 2019

Isabel Baer, Program Manager

CDFW Update Outline

- General CDFW Updates
- Spotted Owl Observations Database
- NSO Pre-Consultations for Timber Operations
- Post-Fire Timber Operations Guidance
- Programmatic SORP
- Safe Harbor Agreements (SHAs)
- Cannabis Cultivation & NSO



General Updates

- Chuck Bonham re-confirmed as Director June 2019
- California Endangered Species Act Updates
<https://fgc.ca.gov/CESA>

Candidate Species Present in Forests

Foothill Yellow-legged Frog

Status review: <http://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=174663&inline>

Cascades Frog

4 Bumble Bee Species

Northern California Summer Steelhead

Upper Klamath-Trinity River Spring Chinook Salmon

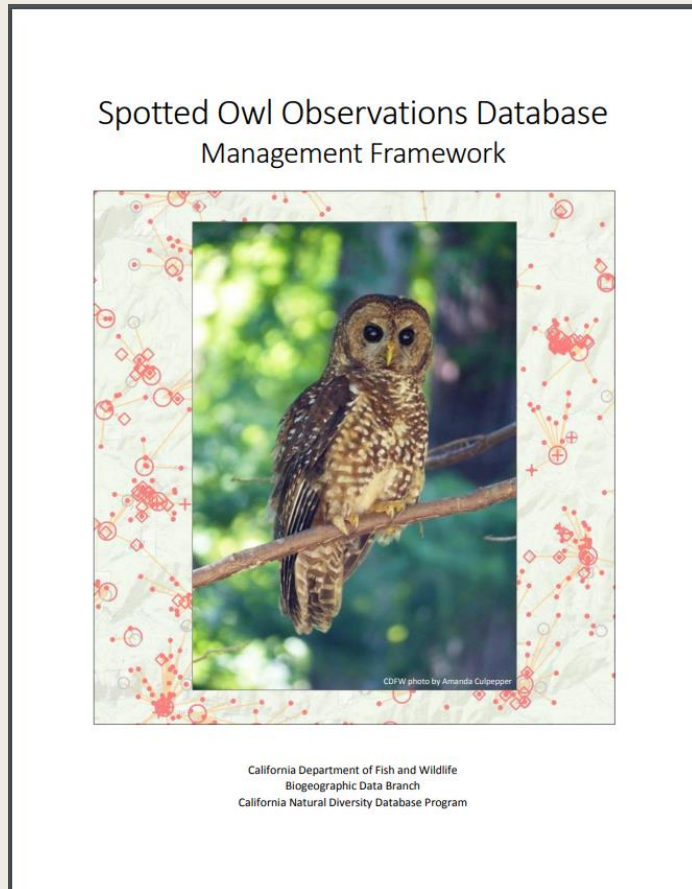
Petitioned Species Present in Forests

Mountain Lion Southern California/Central Coast ESU

Spotted Owl Observations Database

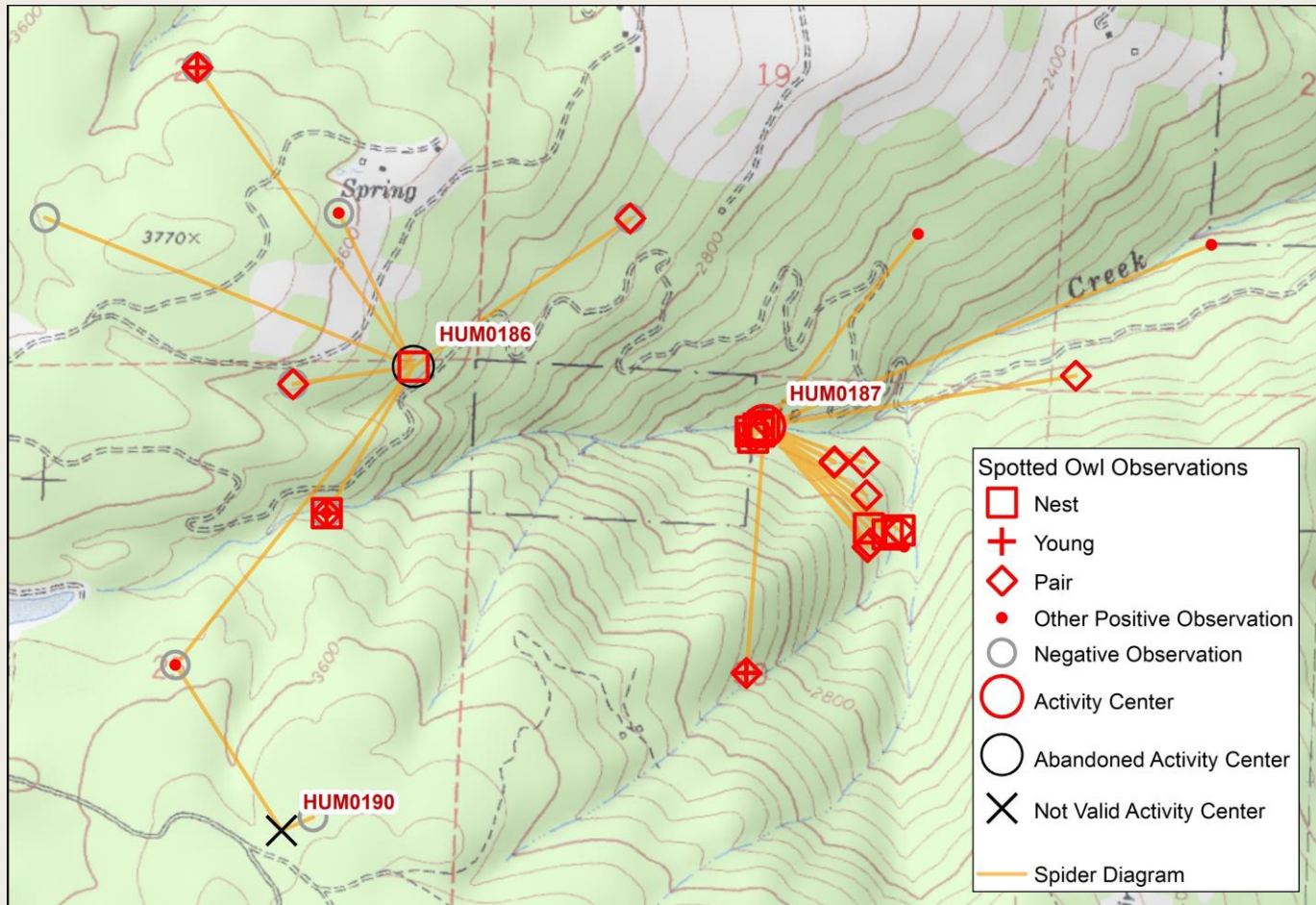
- Management Framework online

<https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=166159&inline>



Spotted Owl Observations Database

■ New Symbolology



NSO Pre-Consultations for Timber Operations

- Timberland Conservation Program staff available for NSO pre-consultation and consultation
 - www.wildlife.ca.gov/conservation/timber/
- Involves review and feedback on:
 - *Survey station placement*
 - *Habitat typing*
 - *Proposed protection measures*
 - *Various site-specific issues*
- Conducted ~ 25 NSO consultations on the coast in 2018
- Early requests (before February busy season) are better

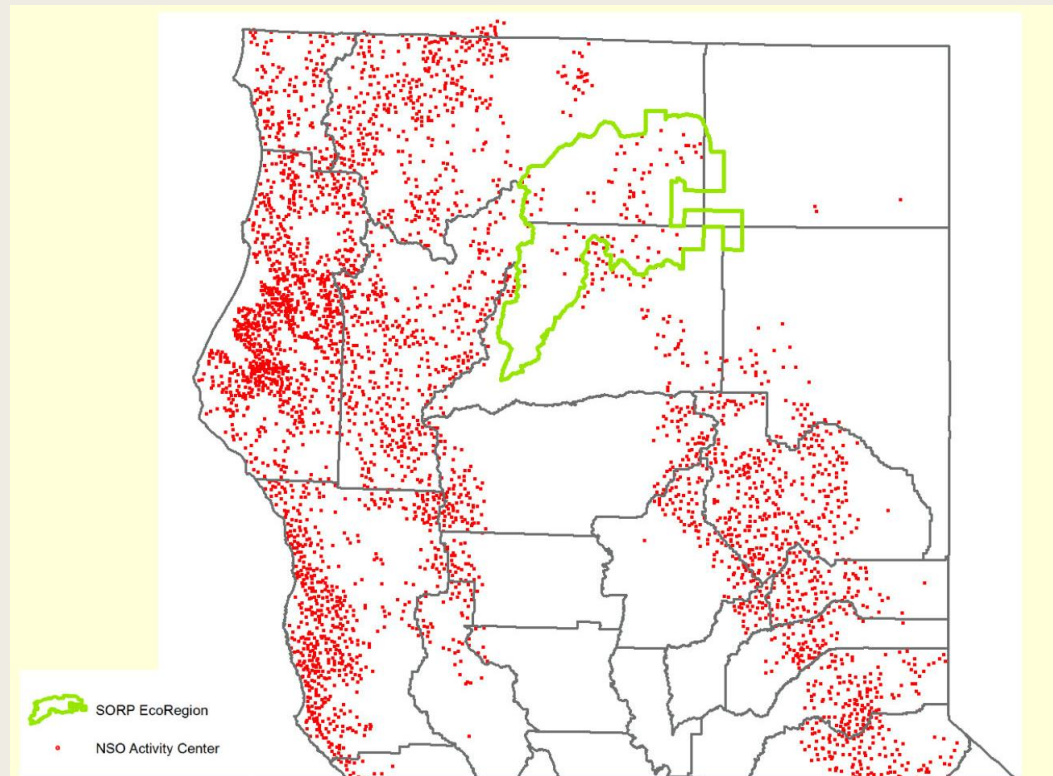
Post-Fire Timber Operations Guidance

- Guidance for determining post-fire presence of NSO and pre-consulting with CDFW
- Applies to the interior of Northern California
- NOT a regulation or requirement
- Available online:
<https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=159380&inline>



Programmatic Spotted Owl Resource Plan (SORP)

- Regional plan for Northeast California
- CDFW staff working with CAL FIRE and USFWS



Safe Harbor Agreements (SHAs)

- Federal SHAs with Consistency Determinations from CDFW
- Consistency Tips
 - *Include CDFW in SHA planning*
- Examples of Net Conservation Benefits
 - *Increasing nesting/roosting habitat*
 - *Retaining older trees*
 - *Providing structural diversity*

CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE
ECOSYSTEM CONSERVATION DIVISION
P. O. Box 944209
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**CALIFORNIA ENDANGERED SPECIES ACT
CONSISTENCY DETERMINATION NO. 2089-2019-002-01**

Project: Eden Safe Harbor Agreement
Location: South Fork Greenwood Creek, Mendocino County
Applicant: Jennifer and Jonathan Eden
Notifier: Roger Sternberg, Registered Professional Forester

Background

Jennifer and Jonathan Eden (Permittees) are voluntarily undertaking a federal Safe Harbor Agreement (SHA) for the northern spotted owl (*Strix occidentalis caurina*) for the purpose of managing timber on their 242-acre private property located in western Mendocino County. The United States Fish and Wildlife Service (USFWS) issued a federal SHA and a federal 10(a)(1)(A) enhancement of survival permit (Permit No. TE21179D-0) on June 17, 2019, in effect for 40 years. The permit authorizes take of northern spotted owl that is likely to occur incidental to managing timber on the property under periodic ten-year harvest intervals of uneven-aged, sustained yield timber management, including single-tree and group selection. The development and enhancement of functional nesting/roosting and foraging habitat is intended to provide a net conservation benefit to northern spotted owls.

The Eden property (Enrolled Lands) consists of two parcels totaling 242 acres located within Sections 21 and 28, Township 14 North, Range 15 West, M.D.B. & M., in Mendocino County, California. The property is in the South Fork Greenwood Creek watershed. South Fork Greenwood Creek, a Class I fish-bearing stream, runs along the eastern side of the property.

The Enrolled Lands currently contain a young, 60-year old stand of coast redwood (*Sequoia sempervirens*), Douglas-fir (*Pseudotsuga menziesii*), tanoak (*Notholithocarpus densiflorus*), and madrone (*Arbutus menziesii*). Most of the redwood and Douglas-fir are concentrated in 99.75 acres. Average conifer volume across the property is approximately 19,770 board feet per acre, with an average basal area of 125 square feet per acre in conifer, and an average basal area of 110 square feet per acre in hardwoods. Tanoak is very dense throughout the property, with approximately 87 conifer and 174 hardwood trees per acre. Productivity of the forested stand ranges from a Site Class III to Site Class V.

Eden Nonindustrial Timber Management Plan (NTMP)

The SHA will be incorporated into the Eden NTMP that will be prepared subsequent to the issuance of this Consistency Determination. The Eden NTMP will be publicly reviewed in

Cannabis Cultivation & NSO

- Potential impacts to NSO
 - *Secondary poisoning from rodenticides*
 - *Habitat fragmentation and loss from forest conversion*
 - *Noise and light pollution that may disrupt normal behaviors*



Cannabis Cultivation & NSO

- CDFW recommendations
 - *Avoid pesticides*
 - *Follow USFWS guidance documents*
 - *Reduce or omit security lights & other artificial lighting*
 - *Attenuate noise*





10/23/2019