

Coho HELP Projects

Update prepared for
Coho Recovery Team

3/1/2016

Mary Olswang



[website](#)

<https://www.dfg.ca.gov/fish/Resources/Coho/HELP/>



What the Coho HELP is:

- Alternative to CDFW Lake and Streambed Alteration (LSA) Agreement for *small* restoration projects focused on “coho salmon” habitat improvements.
- Director’s approval in lieu of any other CDFW permits or approvals.
- Project types are Fish Passage, Streambank Restoration and Wood Placement
- Project request that is *complete* will be reviewed within 60 days
- A five year program that will expire in January 1, 2018

Coho HELP Projects



2013 - Hanna Bank Scott River ✓

2014 - Parks Creek #5- Culvert Removal ✓

- SF Garcia- Accelerated Wood ✓ CCC ESU

- NF Gualala- Accelerated Wood ✓ CCC

2015 - HELP workshop_3-17-15, Casper, CA

- Tryon Creek- Culvert Removed/one bridge installed ✓

- Waukell Creek- LWD/ native conifers ✓

- Beith Creek phase 1- anchored wood ✓

- Bear Creek- LWD ✓

- NF Elk- LWD ✓

2016 - Marble Gulch- Anchored/Accelerated Wood CCC

- SF Ten Mile- Whole trees CCC

- SF Usal - Accelerated Wood

- Beith Creek phase 2- anchored wood

Off-Estuary Habitat Enhancement Waukell Creek (2015)



- **Tributary to Klamath River**
- **10 Wood Jams and 144 trees planted**
- **Yurok Tribe, State Lands, Green Diamond**

Tryon Creek Stream Crossing Upgrade at Mosely Farm (2015)



- Tributary to Smith River just above estuary
- One culvert replaced with bridge
- NRCS and Alexandre Dairy



Upper Reach Beith Creek, Arcata

Phase 1 Anchored Wood/Manta Ray Anchors



- Tributary to Gannon Slough/Humboldt Bay
- Previous fencing and riparian planting
- City of Arcata Environmental Service Dept., Humboldt Fish Action Council and USFWS

Beith Creek, Arcata Panorama after High Flow Event



Photo by Dan Gale USFWS



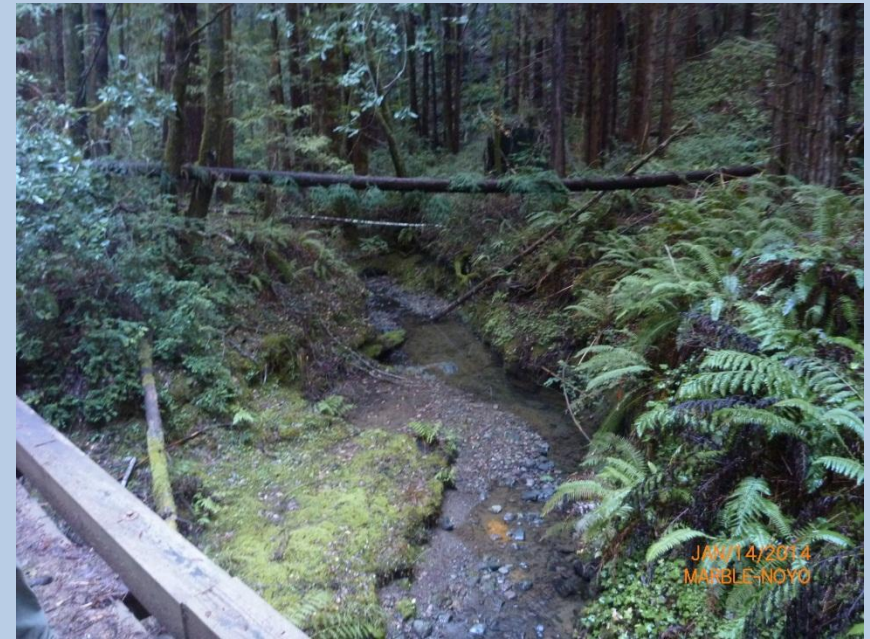
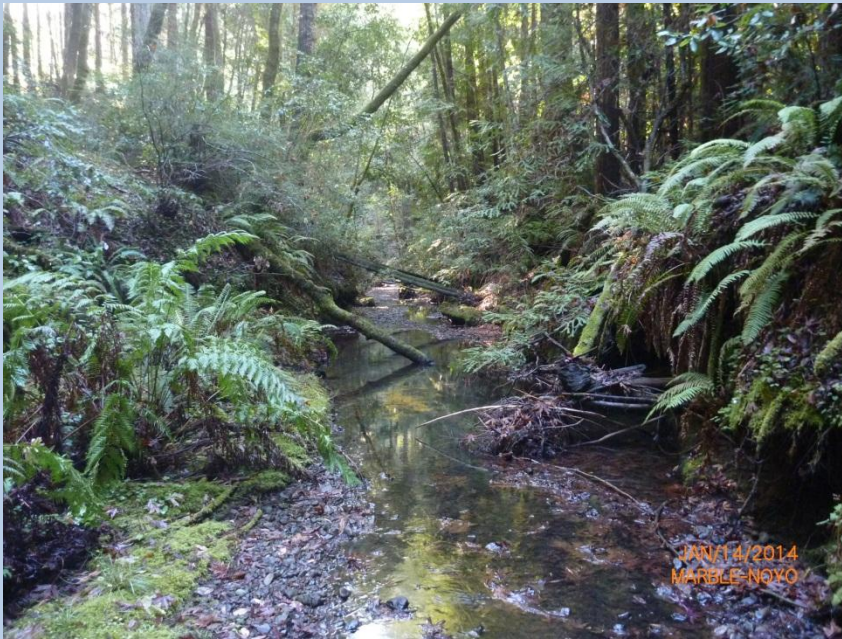
Securely Cabled



Manta Ray Anchor



Marble Gulch Anchored Wood and Accelerated Recruitment (due 2016)



- Tributary to North Fork Noyo River
- Higher gradient reaches anchored wood
- CCC, TU, Mendocino Redwood Co.

SF Ten Mile Wood Enhancement (2016)



- Tributary to Ten Mile River
- Enhance previous accelerated recruitment projects
- Large streamside conifers with root masses
- TU, Hawthorne Timber managed by Campbell Global



Parks Creek #5 Culvert Removal (2014)



- **Tributary to Shasta River/temporal barrier**
- **Culvert removal/ headgate replacement**
- **USFWS, NRCS, Emmerson Investments**

Parks Creek #5 Culvert Removal



- Provides year round passage to cold spring water



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The End