

Lightning Tales: Sharing Stories of Inspiration and Hope



A Concurrent Session at the 41st Annual Salmonid Restoration Conference
Santa Rosa, California, March 26-29, 2024

Session Coordinators: Eli Asarian, *Riverbend Sciences*, and Sarah Phillips, *Marin Resource Conservation District*



This session featured “lightning” (5 minutes or less) talks in which presenters share nuggets of hope and inspiration. On this heating planet, a career in ecological restoration is bound to have discouraging moments. In 1949, Aldo Leopold wrote “One of the penalties of an ecological education is that one lives alone in a world of wounds.” However, given the current widespread understanding of global environmental degradation, you are no longer actually alone even if it sometimes feels like it. In addition, despite daunting challenges, all hope is not lost. Against all odds, the fish are still here. The world is still wondrous and beautiful. New generations are bringing diverse perspectives and re-envisioning the future. Come share your story! Here are some thought-provoking questions the coordinators posed to presenters:

- What motivates you to keep going?
- Who has had the greatest impact on you and why?
- What do you know now that you wish someone had told you years or decades ago?
- What is your favorite book/article/lecture/quote, and how does it guide and/or inspire you?
- What have you found to be a hidden gem that needs more time in the limelight?

Presenters shared a distilled and focused insight with the SRF community. Presenters wove their philosophical musings and heart-stirring experiences. Session Coordinators welcomed any and all to share their gems of wisdom that have carried them through the days, months, years, or decades. Participants left this session feeling replenished, motivated, energized, and connected.

Presentations



- **The Future of Restoration is Bright**
Alison O’Dowd, PhD, *Department of Environmental Science & Management, Cal Poly Humboldt*.....Slide 7
- **Listening to the River with Youth**
Shannon Wedgley, *Scott River Watershed Council*.....Slide 30
- **A Watershed Runs Through You - Wisdom from Freeman House**
Drew Barber, *Vollmar Natural Lands Consulting*.....Slide 42
- **Sapiens, Braiding Sweetgrass, and Re-Envisioning Humanity’s Role on Planet Earth**
Eli Asarian, *Riverbend Sciences*Slide 56
- **Recovery: the Common Ground Between Coho Salmon and Major Depressive Disorder**
Elizabeth Ruiz, *California Department of Fish and Wildlife*.....Slide 61
- **Help the Fish *and* Help the People**
Julie Weeder, *NOAA Fisheries*.....Slide 63

Presentations



- **Lessons from Tyson Yunkaporta’s Aunties**
Mary Power, *UC Berkeley, Angelo Coast Range Reserve*.....Slide 64
- **Hitch Magic**
Kevin Swift, *Swift Water Design*.....Slide 67
- **Everything but the Kitchen Sink Approach to Keeping Your Batteries Charged: One Fish Biologist’s Perspective on Inspiration & Lesson Learned**
Sarah Beesley, MS, *Yurok Tribe Fisheries Department*.....Slide 70
- **River Ecologist: Profession or Disease?**
Bill Trush, *Cal Poly Humboldt River Institute*.....Slide 79
- **Close Encounters of the Coho Kind**
Jonathan Warmerdam, *North Coast Regional Water Quality Control Board*.....Slide 81
- **Proof of Concept**
Erik Stromberg, PLA, CERP, *Restoration Design Group, Inc.*.....Slide 99

Presentations



- **A Lightning Lightning Tale**
Karen Pope, PhD, *USDA Forest Service, Pacific Southwest Research Station*.....Slide 92
- **Mostly Natural- Collaborative Management Strategies in the Trinity River, CA**
Justin Alvarez, *Hoopa Valley Tribal Fisheries*.....Slide 127
- **It Takes More Than a Village: Restoration / Reconciliation of the Laguna de Santa Rosa**
Clayton Creager, *Laguna de Santa Rosa Foundation*.....Slide 128

Lightning Tales: Sharing Stories of Hope & Inspiration

Salmonid Restoration Federation Conference 2024



Eli Asarian, Riverbend Sciences, SRF Board

Sarah Phillips, Marin RCD, SRF Board

Thursday, March 28th

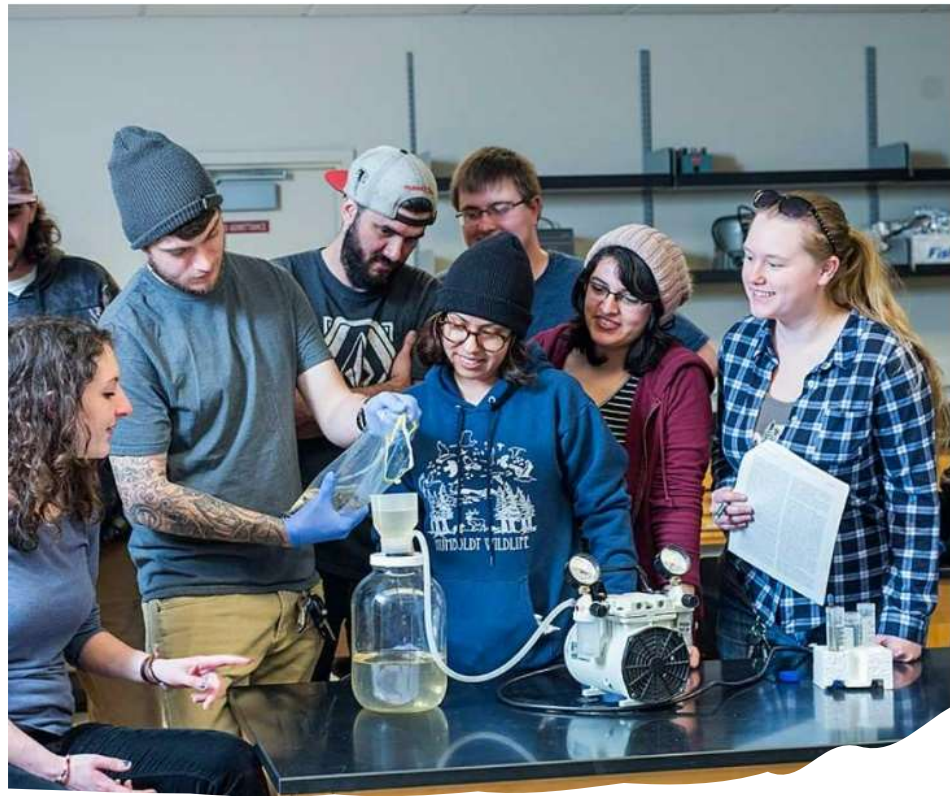
The Future of Restoration is Bright

Alison O'Dowd

Environmental Science & Mgt

Cal Poly
Humboldt.





Freshmen arrive ready to learn

Students bring diverse perspectives and rich experiences



A lot of interest in Ecological Restoration!

(~150-200 students in "Eco Resto" each year)

Students gain foundations in soils, botany, watershed science, GIS, env law and policy, conflict resolution, communication, grant writing, plant taxonomy, etc.

Students show their knowledge when visiting restoration sites with professionals





Explore newly implemented restoration projects



See restoration in action





Students are excited to get experience doing restoration...

Natural Resources Club does volunteer restoration work every Saturday!

Students jump at the chance to do hands-on field courses about restoration



Visiting Iron Gate Dam with Mark Bransom







Students get fired up about beaver dam analogs!

(with the Scott River Watershed Council)



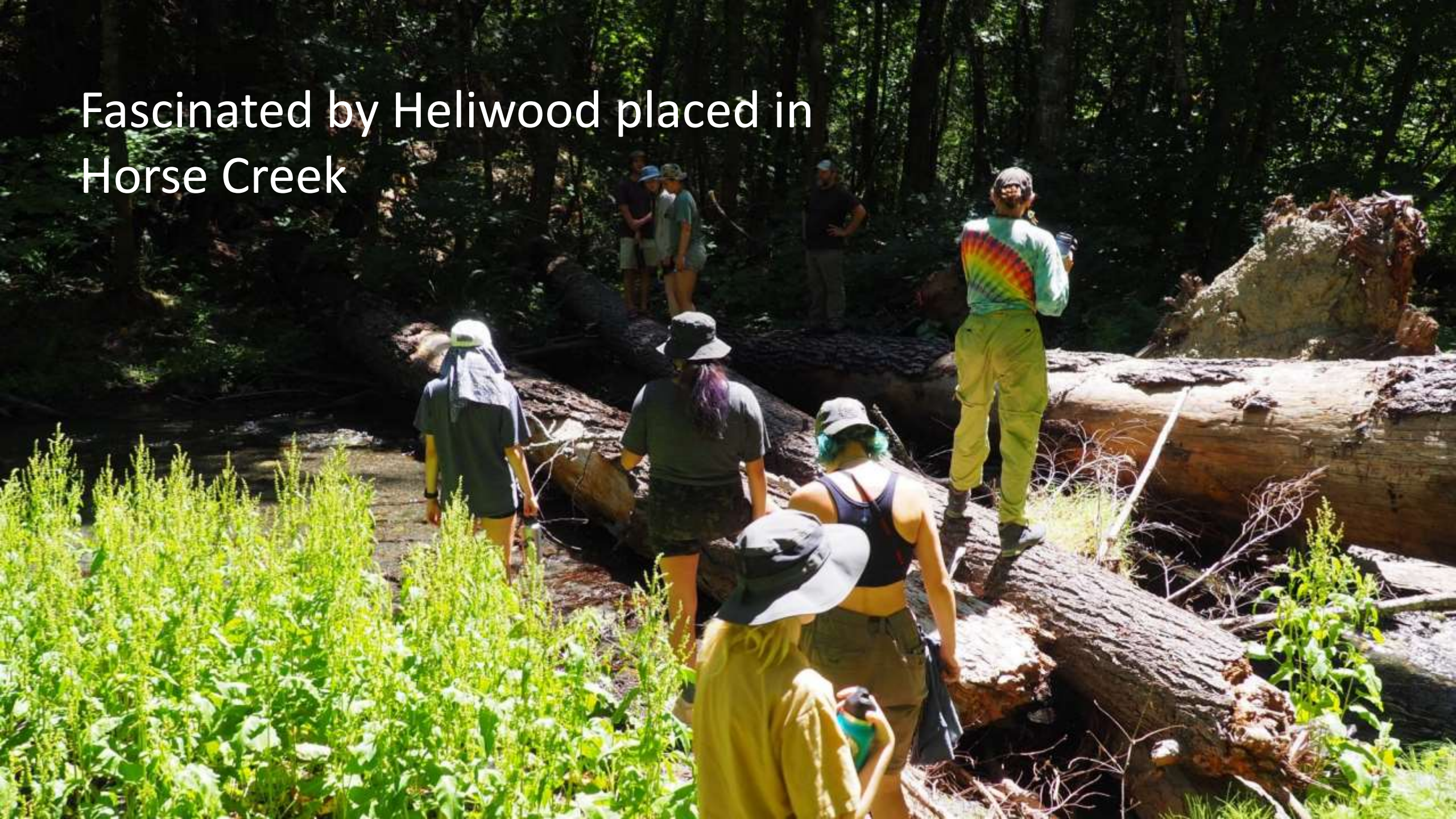
Evaluating bank
erosion potential
with Scott River
Watershed Council



Seining and pit tag demonstration with Karuk Tribal Fisheries



Fascinated by Heliwood placed in
Horse Creek



Enthusiastically collecting native seeds in the summer heat with the Mid Klamath Watershed Council



Touring an off-channel pond
restoration project with the Salmon
River Restoration Council



Looking at aquatic organisms with Biologists from Resighini Rancheria in the Lower Klamath Basin



Rough-skinned newt



Botanizing





Student holding a
bullfrog tadpole

Eager to
engage



Aquatic garter snake



I'm inspired by my grad students – look where they are now!



Kelsey McDonald –
Environmental Scientist at CDFW
*(working on restoration projects
including Ocean Ranch Unit)*



Emily Cooper-Hertel – Klamath
Meadows Partnership
Coordinator at Watershed
Research and Training Center



Monique Silva Crossman – forestry
consultant as a biologist, and with
a USFW ecologist as a GIS analyst



Lara Jansen –
Postdoc at EPA



Katrina Nystrom Sheldon –
Project Coordinator at SRF



Thomas Starkey-Owens –
Hydropower Compliance & Research
Scientist at WA State Dept of Ecology



Jasmine
Williamshen –
Fisheries
Biologist II at
Cramer Fish
Sciences



Ben King –
CDFW
working with
Klamath
Watershed
Program



LISTENING TO THE RIVER WITH YOUTH

PRESENTED BY SHANNON WEDGLEY

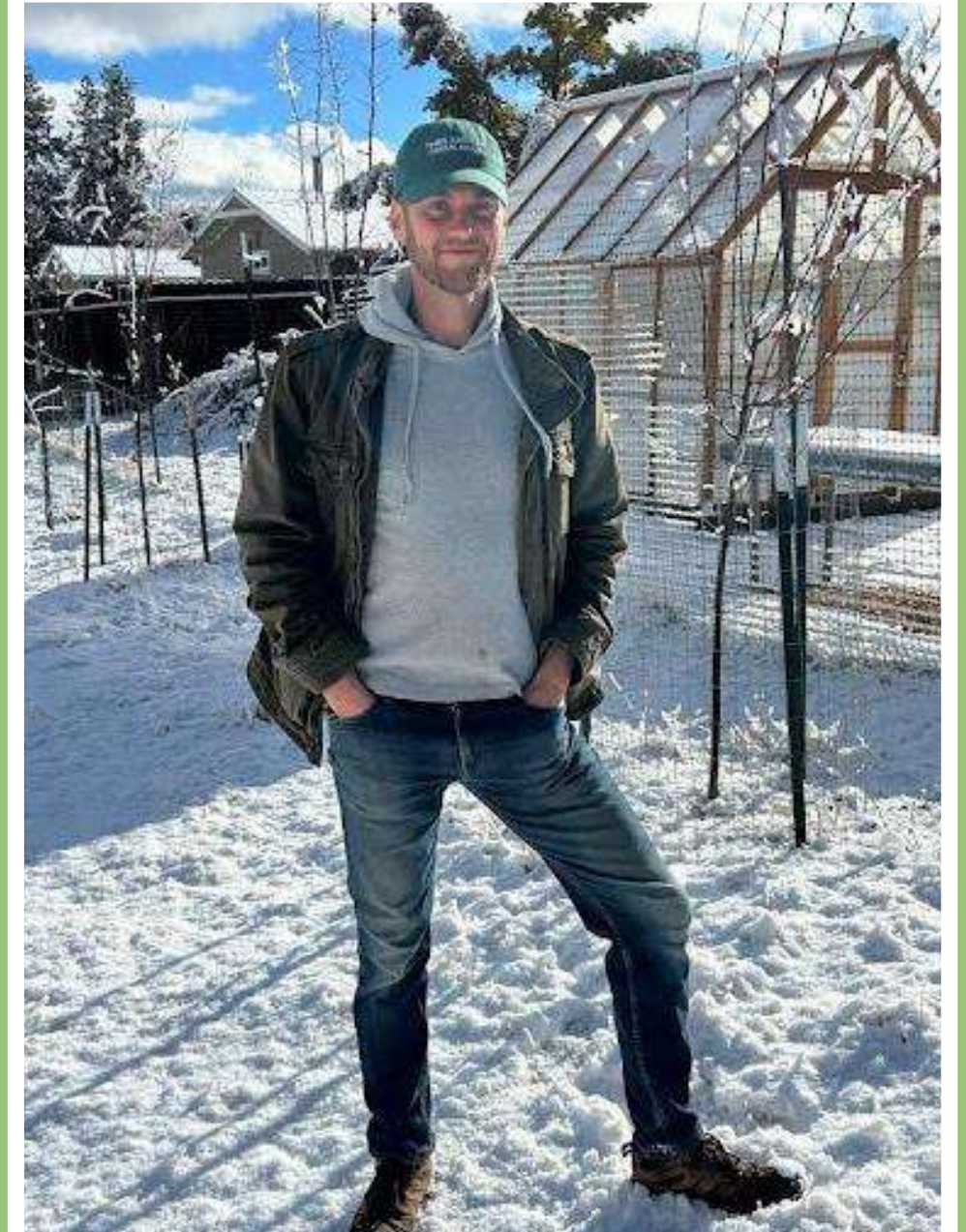


YESS

YOUTH ENVIRONMENTAL
SUMMER STUDIES

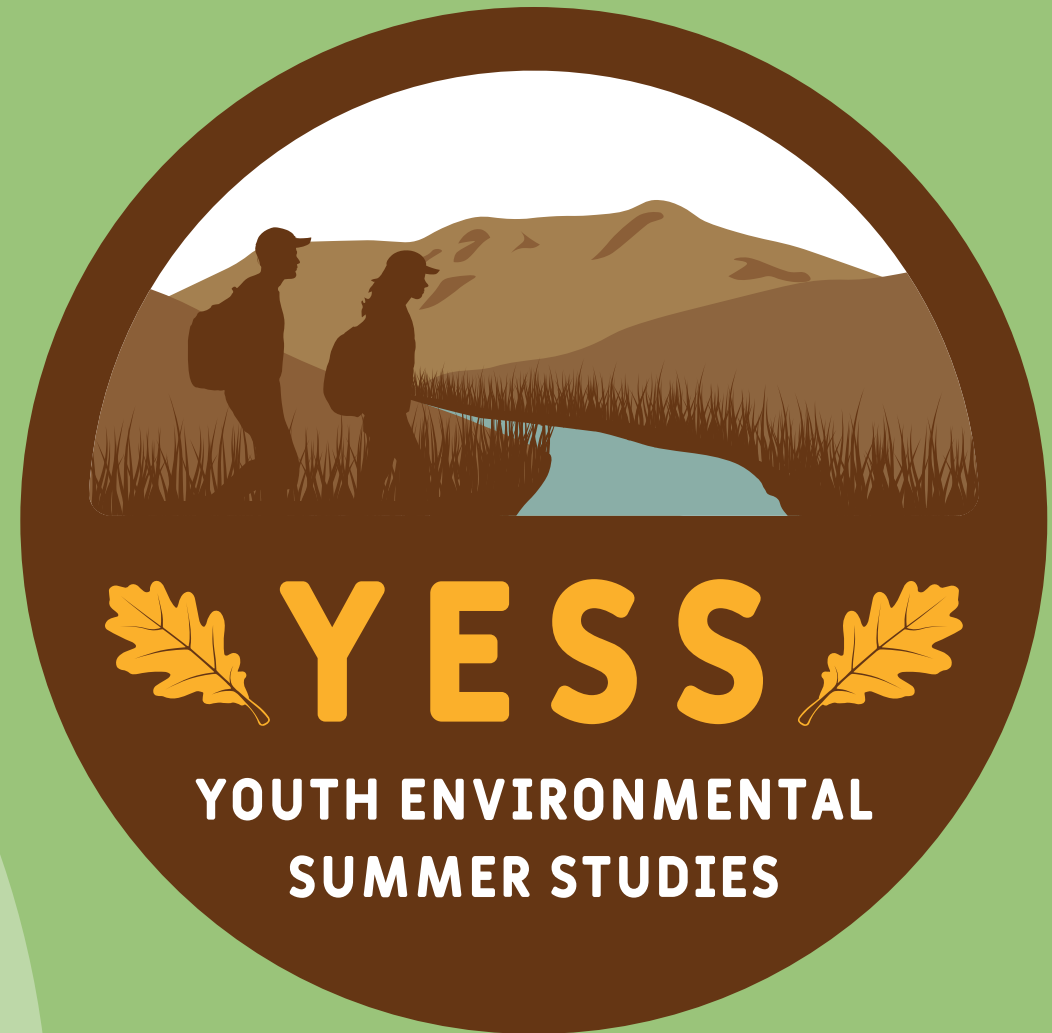
WHO AM I?

- Youth Counselor/Field Tech/Project manager
Scott River Watershed Council
- Firefighter/EMT/Explorer
Counselor
Fort Jones Firedepartment
- Regular guy with a regular
life



THE YESS PROGRAM

- A summer intern program that serves youth in Siskiyou county
- Its a paid job that last 6 weeks
- Exposed to different resource and conservation based work
- Field and Camping trips (zero technology)
- Study points/ Work reflections/Journaling



THE CREW

- an incredibly diverse group of kids from different backgrounds.
- All youth went through an interview/hiring process.
- unlike a “normal” job, youth was selected to offer opportunities and fresh perspectives



OUR WORK/ADVENTURES

- Most of our projects involve outdoor, science-based activities within the local area.
- We work together with other organizations and local youth summer groups in Siskiyou to synergize our initiatives.

MEADOWS



FISHIERES



WEEDS



EDUCATION



INSPIRATION OVER 9000!!!

- They love to play!(hunger for life)
- Curiosity that is fresh and genuine.
- Pushed themselves and challenged each other
- Open to exploring new possibilities
- Camp fire talks about EVERYTHING!



LET THE INSPIRATION KEEP ON FLOWING!!

YESS kids independently pursue education and opportunities in resource management, conservation work, and more

- Shasta Forestry Challenge
- FFA(Future Farmers of America)
- Theater
- Explorer Program(FF)

Ongoing support for interns and assistance on senior projects.

FEATURED NEWS, SCOTT VALLEY

Students From ETNA HIGH SCHOOL Participate in 2023 Shasta Forestry Challenge

October 9, 2023 4:15 pm

by Jay A. Martin



Views: 368

Etna High School students assessed the potential for a shaded fuelbreak at Noble Demonstration State Forest and recommended future forest management activities that will help protect the adjacent community.



Front row, left to right: Kellie Harget (advisor), Enzlie Harget, Connor Steckmyer, Jacob Holland, Skya Callahan, Emely Scovill



SANTA CRUZ
TILL THE END

Be inspired



A photograph of four people standing in a grassy field at sunset. The sun is low on the horizon, creating a warm, golden glow and silhouetting the people. The background is filled with tall pine trees. The text "Be inspired" is overlaid in white, sans-serif font in the upper middle section of the image.

Be inspired

Never stop playing

A photograph of four people standing in a grassy field at sunset. The sun is low on the horizon, creating a warm, golden glow. The people are silhouetted against the bright light. The field is filled with tall grass and small white flowers. In the background, there are evergreen trees and a mountain range.

Be inspired

Never stop playing

HOPE!

An underwater photograph showing sunlight filtering through the water's surface, creating a shimmering, ethereal atmosphere. The light rays are visible, and the water has a greenish-blue tint. The overall mood is serene and contemplative.

Afterlife

Written by Freeman House

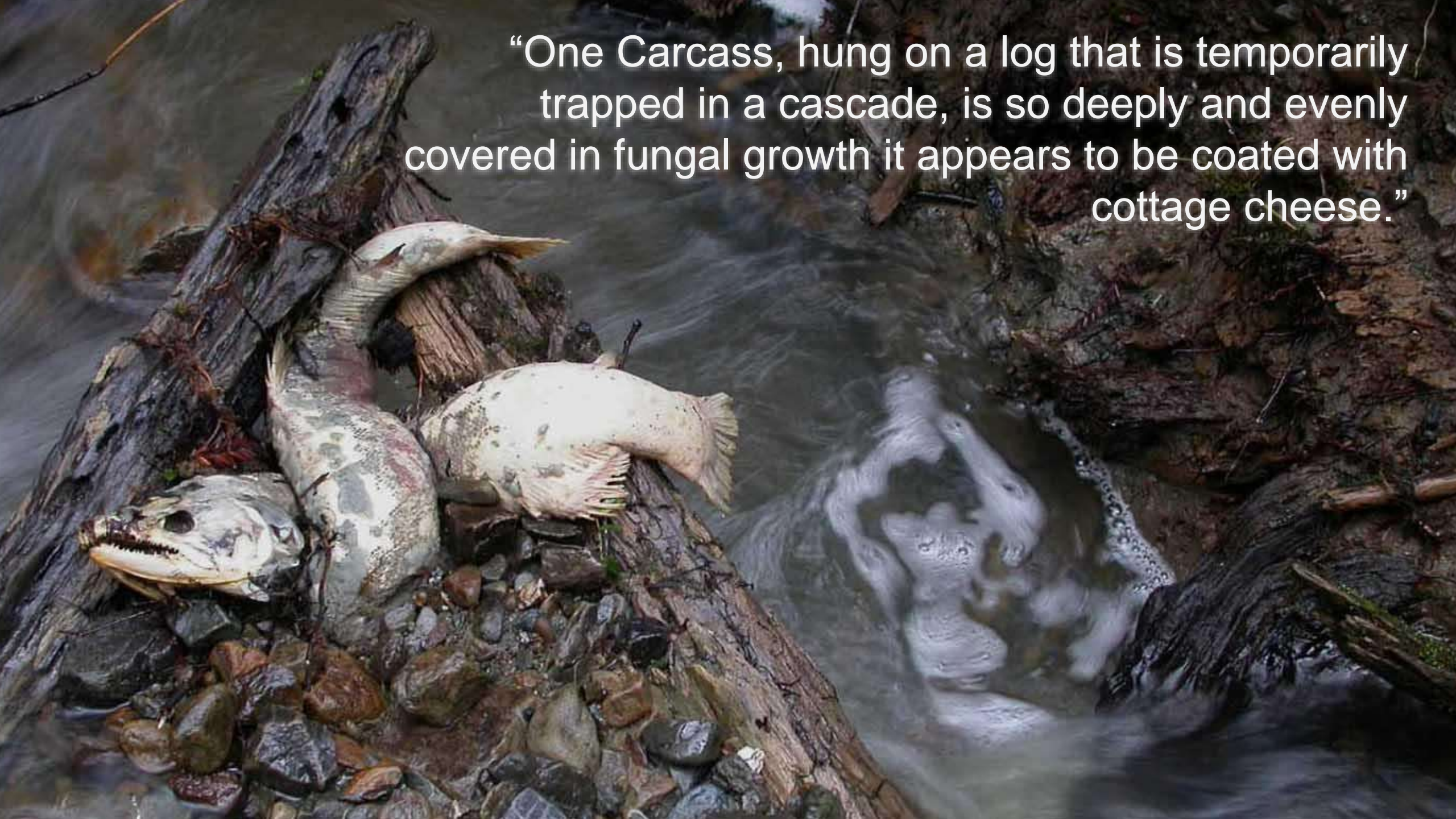
Excerpted from:
A Watershed Runs Through You

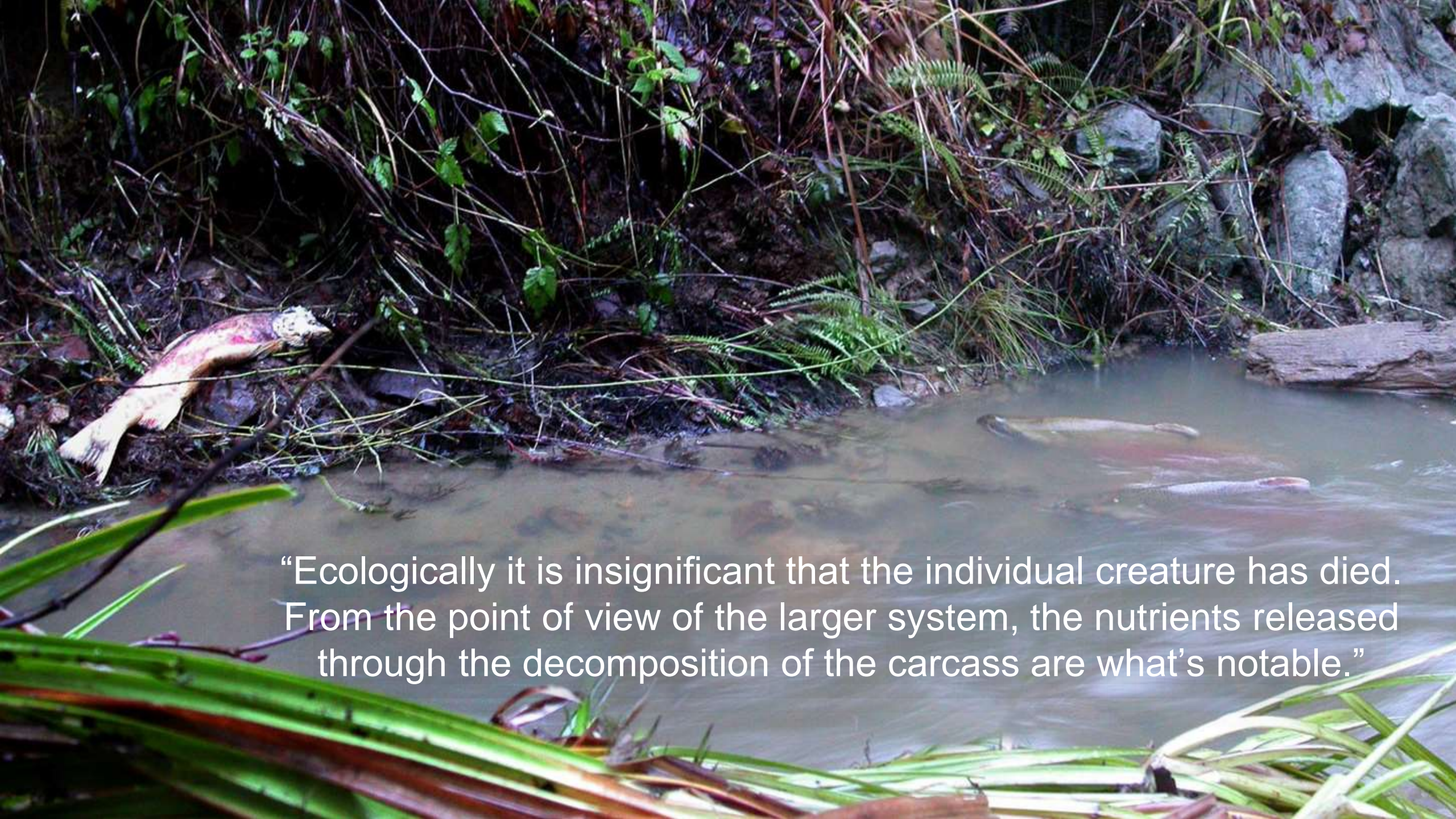
Images by Thomas B. Dunklin
Reading by Drew Barber



“I am a man part made of salmon, so it doesn’t seem strange to me now to be pondering their lives after death.”

“One Carcass, hung on a log that is temporarily trapped in a cascade, is so deeply and evenly covered in fungal growth it appears to be coated with cottage cheese.”





“Ecologically it is insignificant that the individual creature has died. From the point of view of the larger system, the nutrients released through the decomposition of the carcass are what’s notable.”

“The lifecycle of the salmon has been anthropomorphized and romanticized beyond the bounds of decency. I’ve been guilty of it myself.”



“Bears, or racoons or otters wade in and put a compassionate end to the slow decline, and the river becomes an assisted death facility.”



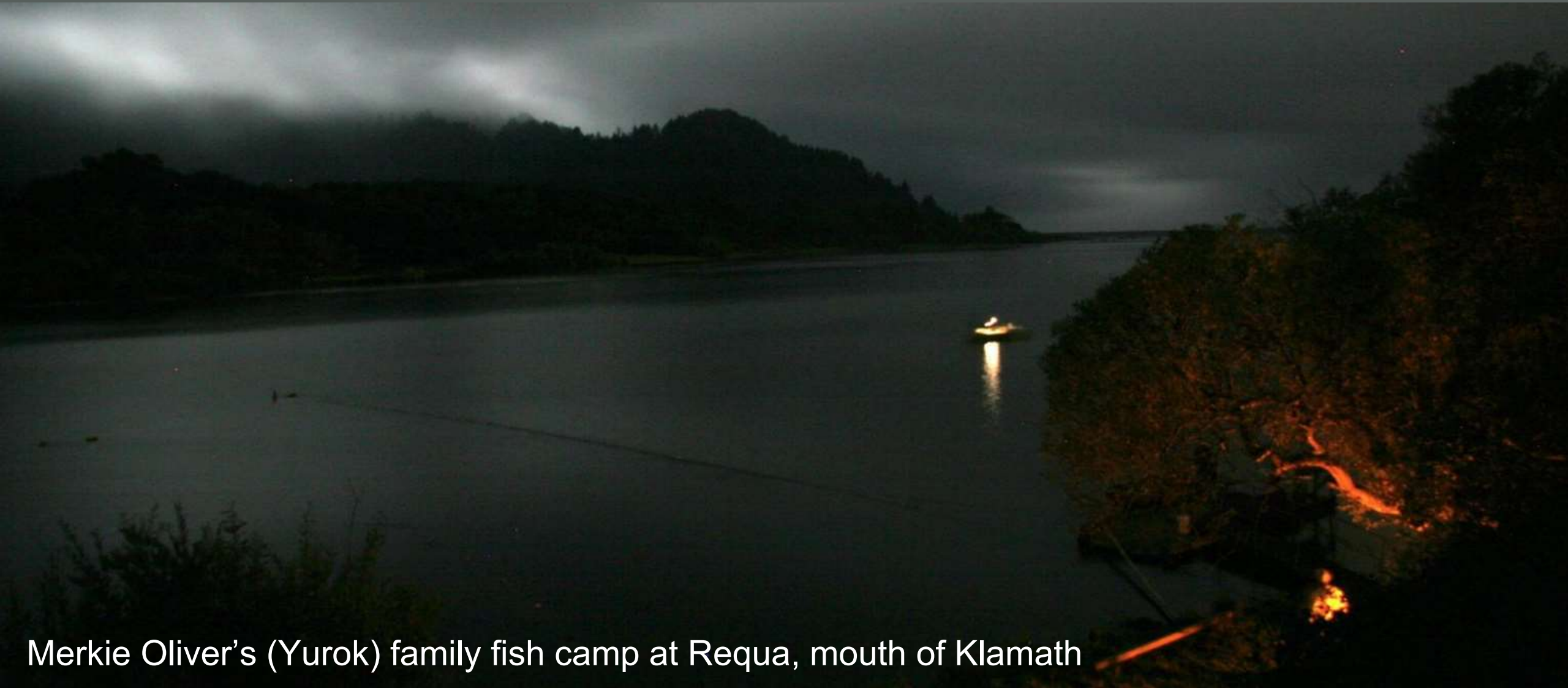
“Now it seems as if some whistle has been blown, calling all creatures to the work of carrying the salmon-borne ocean nutrients into the terrestrial home.”



“Abundance creates abundance.”

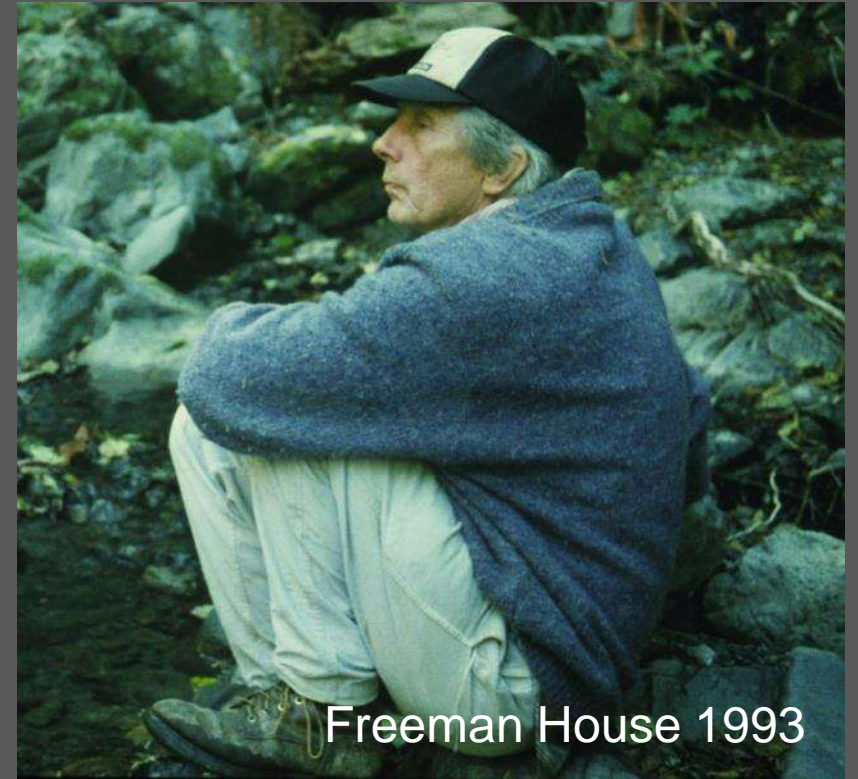


“Some species have found their relationship with salmon so important that the timing of their life strategies has adjusted itself to the timing of spawning runs.”



Merkie Oliver's (Yurok) family fish camp at Requa, mouth of Klamath

“...I’m walking over the bones of my ancestors - of all species - wherever I go, each step a tick on the clock of my own mortality.”



Freeman House 1993

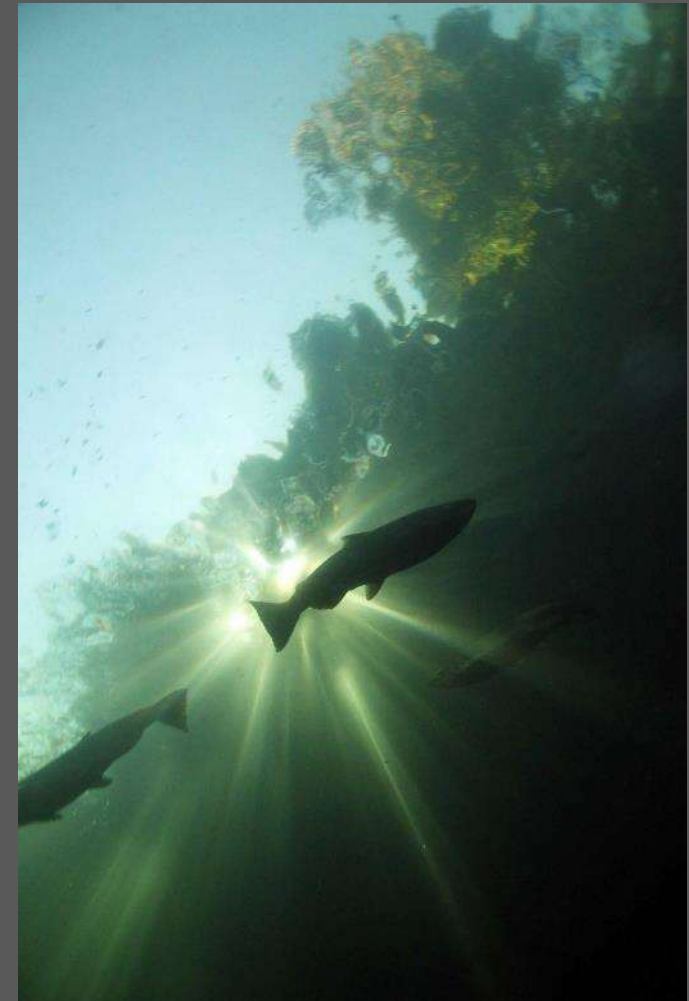


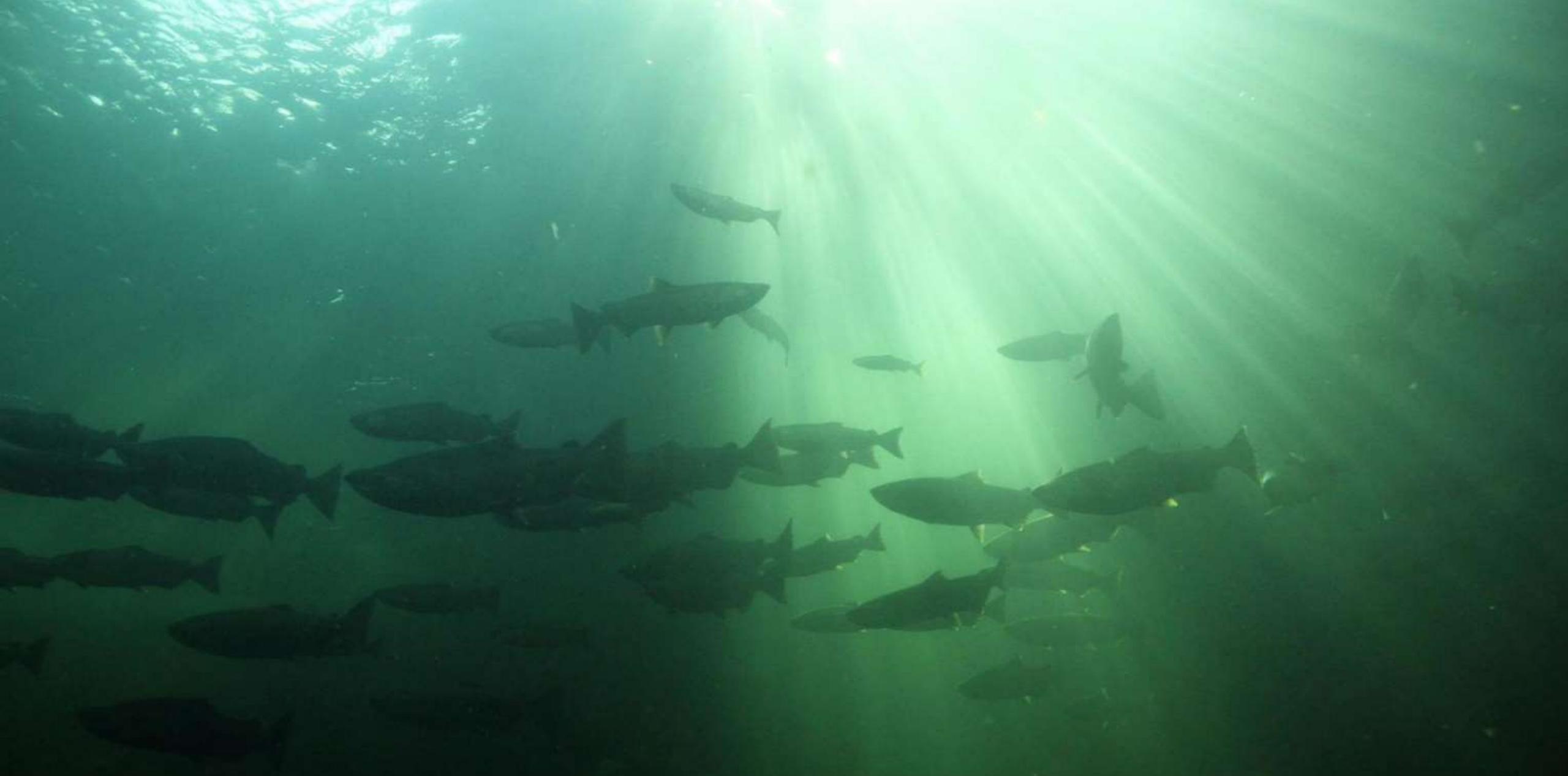
“My own bones are destined to become part of that rich assemblage, a progression that has assumed a sort of symphonic grandeur in my mind.”

“The earth will claim me as its own. Which I am. If I can come to understand this fully, I will know most of what I’m able to know about death.”



Freeman House, Lower North Fork Mattole, 1993





Thank You Freeman!

"*Sapiens* tackles the biggest questions of history and of the modern world, and it is written in unforgettably vivid language."

—JARED DIAMOND, Pulitzer Prize-winning
author of *Guns, Germs, and Steel*

Yuval Noah Harari



Sapiens

A Brief
History of
Humankind

"Sapiens tackles the biggest questions of history and of the modern world, and it is written in unforgettably vivid language."

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Yuval Noah Harari



Sapiens

A Brief
History of
Humankind

A hymn of love to the world.

—ELIZABETH GILBERT

BRAIDING SWEETGRASS



Indigenous Wisdom, Scientific Knowledge,
and the Teachings of Plants

ROBIN WALL KIMMERER



Ecosystem
services



Human services to ecosystems

Photo credit:
Karuk Tribe "Good Fire" report

**Elizabeth Ruiz, CA Department
Fish & Wildlife**

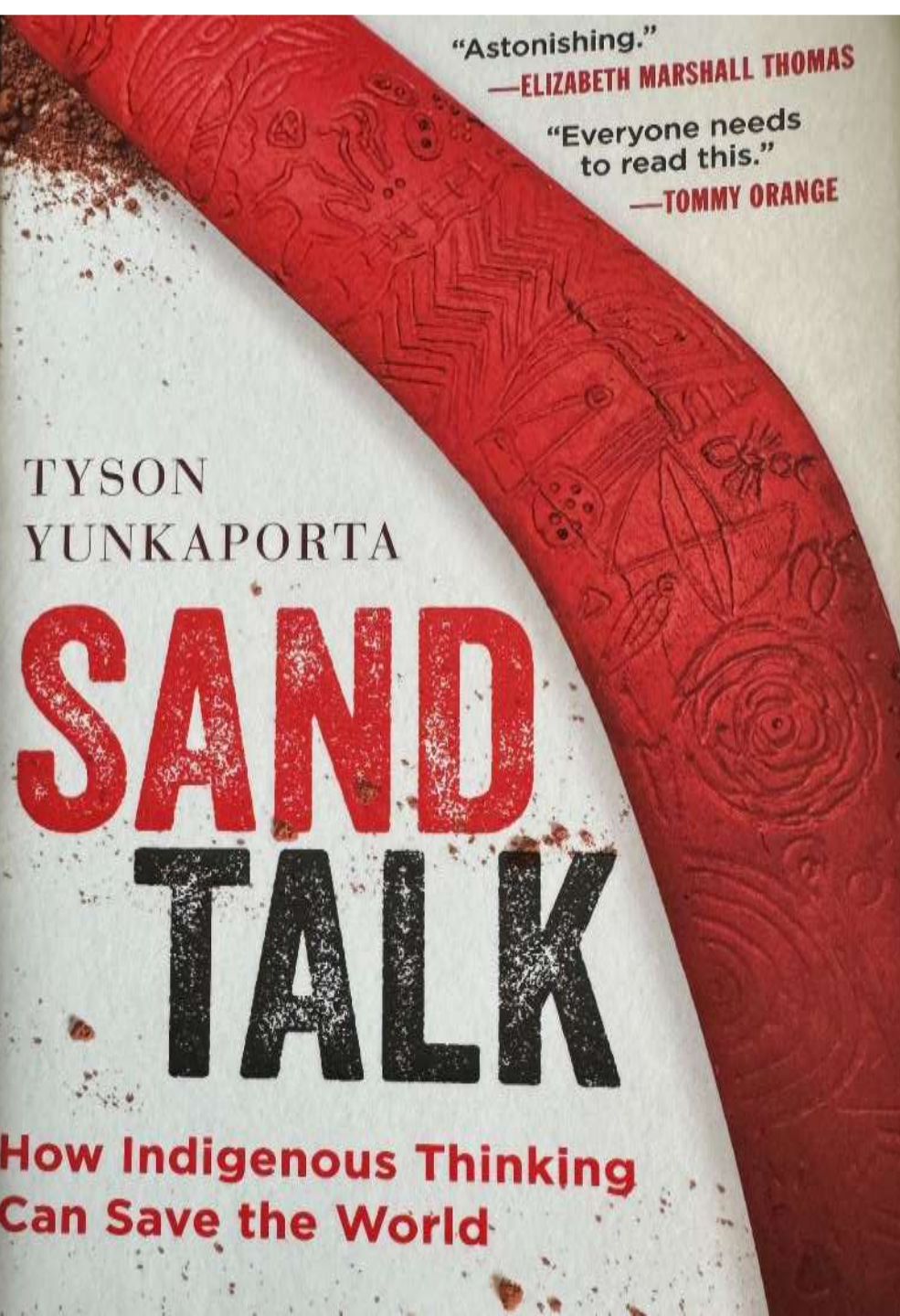


Julie Weeder, NOAA Fisheries
707-702-1584 (call or text me)
Julie.weeder@noaa.gov

Tribal relations training:
Olin Jones Consulting
ojonesconsults@gmail.com
916-893-0833 (call or text)

Native-land.ca
(tribal entities define their own ancestral territory here)





"Astonishing."
—ELIZABETH MARSHALL THOMAS

"Everyone needs
to read this."
—TOMMY ORANGE



TYSON YUNKAPORTA
is an academic, an arts critic, and a researcher who belongs to the Apalech clan in Queensland, Australia. He works as a senior lecturer in Indigenous Knowledges at Deakin University in Melbourne.



Indigenous

Respect Connect Reflect Direct

Colonizers

Epithemia's Spheroid (to Neil Young, *Last Trip To Tulsa*)

*I used to be a free cell you know, kept myself alive
With my own photosynthesis and that nitrogen fixing jive
I lived in boundless oceans and fresh waters so clear,
I drew my nitrogen from air, milking the atmosphere*

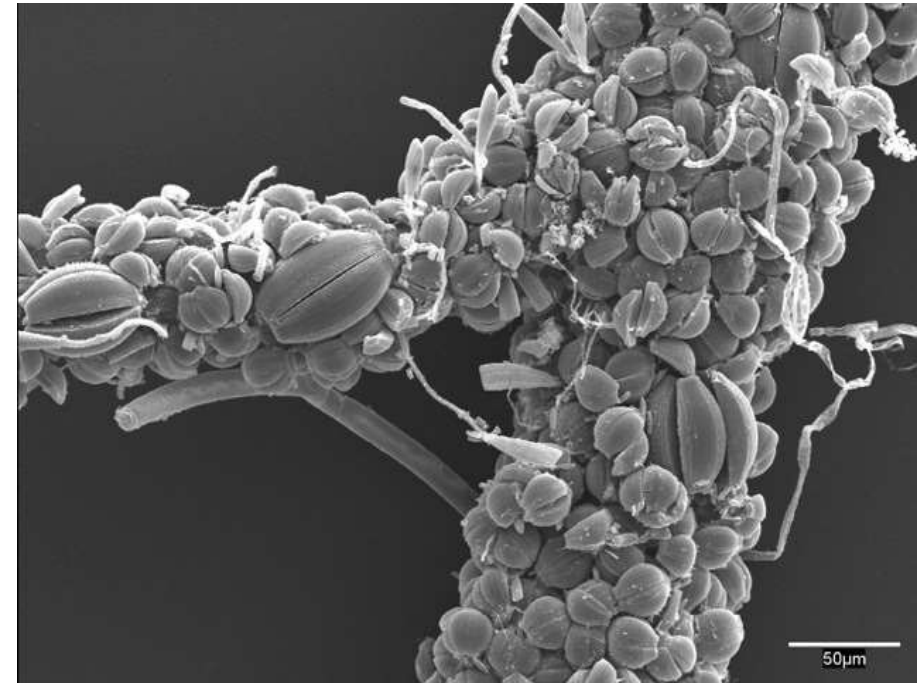
chorus:

*I'm Epithemia's spheroid, endosymbiosis is my fate
If you're a snail or tadpole, you'll want me on your plate.*

*I was a simple coccoïd cell but lived a life so free
I'd grow and split and soon there would be billions more of me...
Since then I've changed from free cell to something strange
Now I'm an endosymbiont, no longer free to range... Chorus*

*15,000,000 years ago, I got swallowed up alive
By some greedy diatom, but somehow I survived
By soaking in its sugar, trading for my stash
Of precious fixed ammonia and my amino acid cache.... Chorus*

*So that diatom grew tasty, with me inside to make
23 amino acids animals need but cannot fake
The diatom provided more, it was nutritious too
PUFAs and carotenoids of gold and orange hue... Chorus*



Kevin Swift, Swift Water Design



BREAK



Everything but the Kitchen Sink Approach to Keeping your Batteries Charged



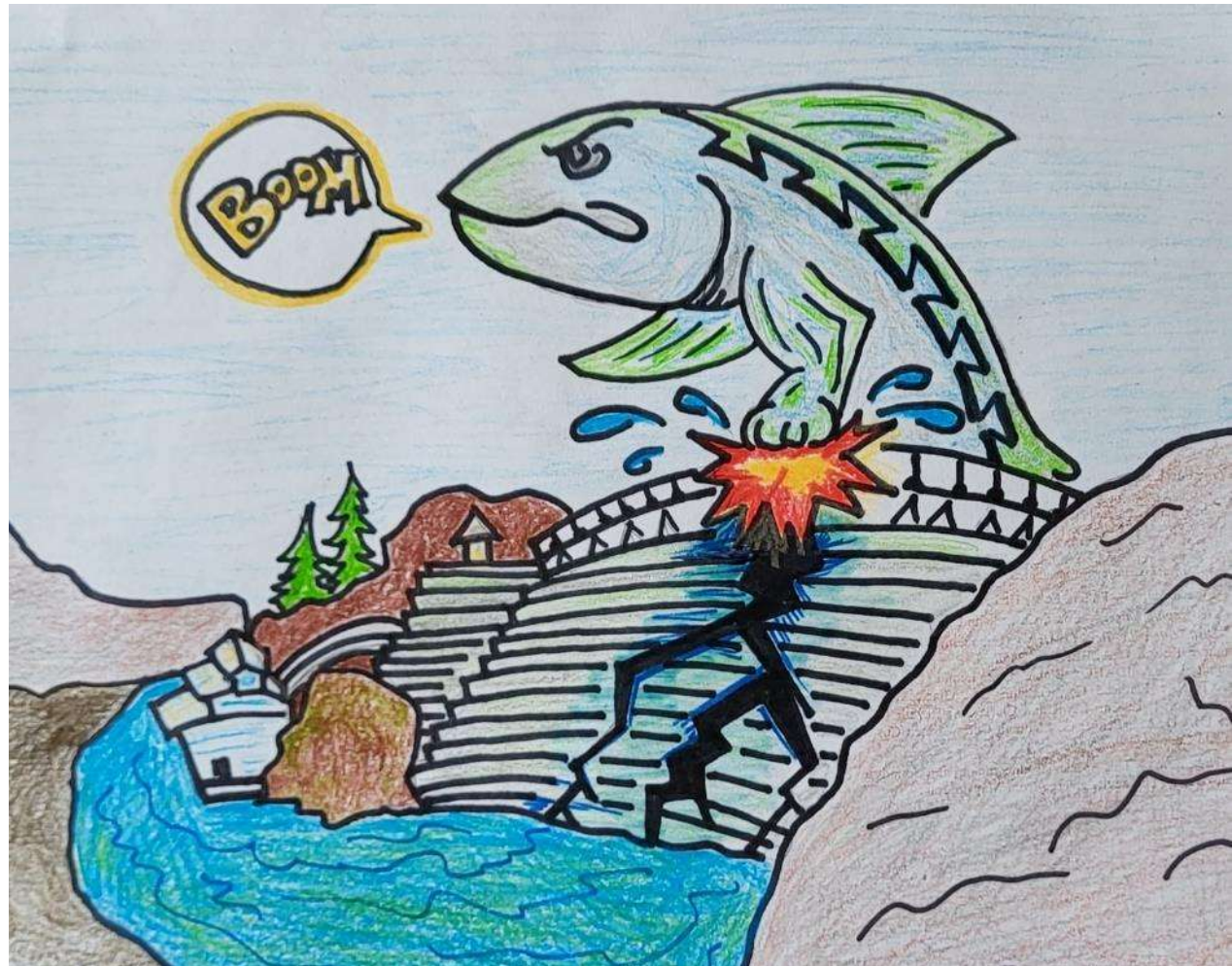
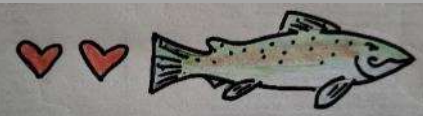
Sarah Beesley - Yurok Tribal Fisheries Department

Salmonid Restoration Federation – March 2024



2002 Fish Kill

2023 Dam Removal





Yurok Tribal Fisheries Department



Photo by M. Mais



Photo by T. B. Dunklin



Building Community



Delegation From Chile

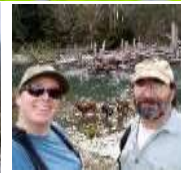


Photo by Brock Dolman
SRF Field Tour 2018



Klamath River Dam Removal



Draining Iron Gate Reservoir – January 11, 2024



Revitalization of Cultural Burning

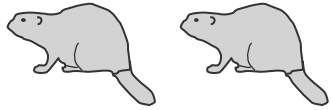


Fire Photos by Matt Mais

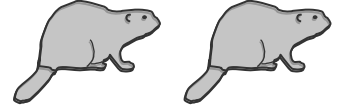
Prey-Go-Neesh (CA Condor) Re-Introduction



Photos by Chris West

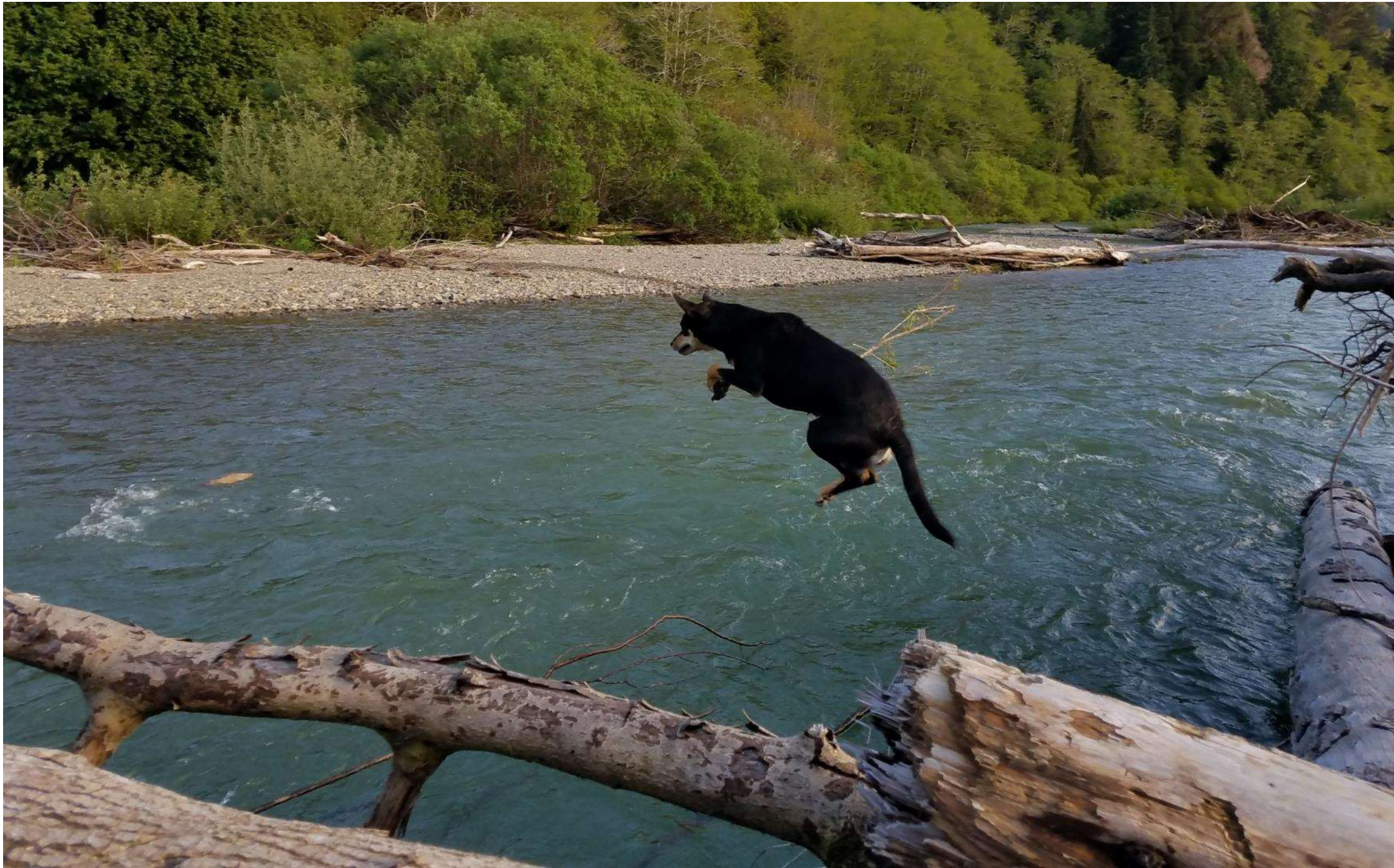


OAEC's Bring Back the Beaver Campaign



Dogs on Logs!







Wok-hlew'



Bill Trush, Cal Poly Humboldt River Institute

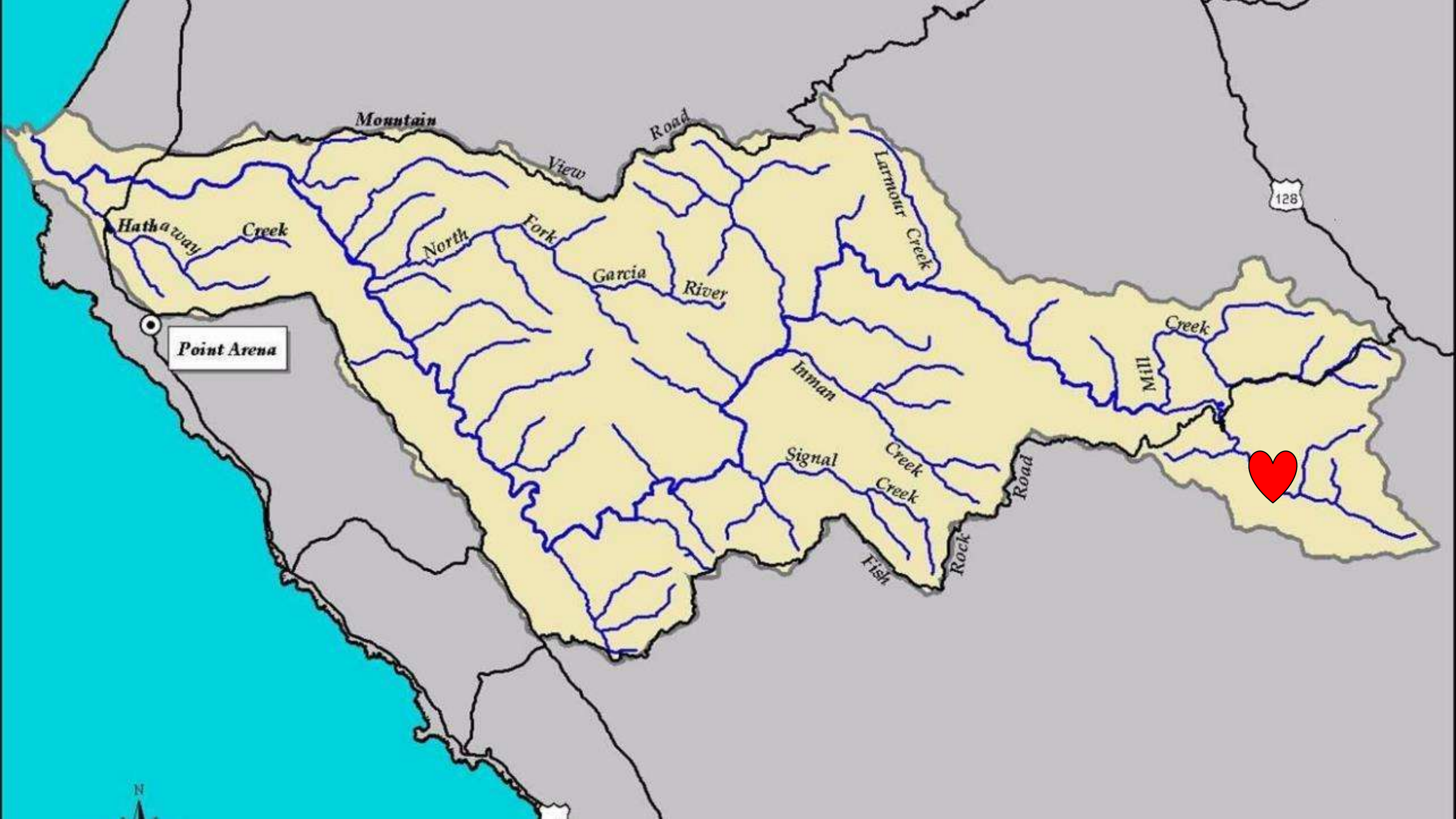


Close Encounters of the Coho Kind

Jonathan Warmerdam
North Coast Water Board
March 28, 2024







Point Arena

128



N





Scientists thrilled by surprising find of fish

Endangered coho seen in heavily logged watershed

By Peter Finnrite
CHRONICLE STAFF WRITER

Jennifer Carah is a scientist who doesn't normally squeal, especially not when she is under water, but a recent snorkeling expedition in an obscure creek on the North Coast caused her to abandon all scholarly protocol.

"Yeeseee heeeseee," she shrieked through her snorkel upon spotting a mass of little fish behind a rock in Pardaloe Creek, a remote tributary of the Garcia River, in the heavily logged forests of Mendocino County.

The critters that elicited the squeal were endangered coho salmon. In fact, juvenile coho were found in 10 places where they had not been seen in years in the 72,000-acre Garcia River watershed.

"I was pretty excited to find them there," said Carah, a field scientist for the Nature Conservancy. "We've checked the data of other agencies and haven't heard accounts of coho being up there before. These sightings have generated a whole lot of enthusiasm,



especially given the fact that coho are pretty much on the brink of extinction."

The discovery of coho in the headwaters of the Garcia River is especially eye-opening because the watershed once was destroyed by logging. Now it is part of a unique experiment that involves

▶ COHO: Page A4

Endangered coho salmon found up a remote creek

▶ COHO
From Page A1

what conservationists call sustainable forestry, or selective logging.

"As we all know, parks are struggling to manage the lands they already own, and local governments, particularly in rural counties, don't like to see big swaths of private land put into parks because it takes it off the tax rolls and takes the land out of public use," said Chris Kelly, the California program director for the Virginia-based Conservation Fund, which paid the timber company Coastal Forestlands \$18 million in 2004 for the 23,780-acre Garcia River Forest. "Why not own it and manage it as a productive forest and use the timber to pay for the restoration and management of the property?"

The Nature Conservancy paid \$3.5 million for a conservation easement on the property that allows them to conduct studies and monitor fish and wildlife populations in the watershed. The Conservation Fund is in charge of managing the forest by repairing roads, fixing erosion and hiring loggers to selectively thin out stands and remove sick trees.

In exchange, the land is protected forever from residential and vineyard development.

The forests of Mendocino County are a crucial testing ground for this type of strategy be-

cause it is in this region that coho salmon once were extremely abundant.

Decline of the coho

A large American Indian fishing village once was located on the Garcia River, but when white men arrived in the 1850s and 1860s, the native Hokeys, or Central Pomo Indians, were moved out, land was cleared, and lumber production began. By the late 1870s, more than a dozen mills were operating in the watershed.

Meanwhile, salmon from the Garcia River were netted by the thousands, smoked and shipped to San Francisco. The Nature Conservancy's Carah estimates that as many as 500,000 coho once swirled and wriggled their way up California streams every year as late as the 1940s.

Old-timers living in Mendocino County remember spearing coho in the Garcia. After the first rains, dozens of young coho could be seen in every pool and eddy. They were so abundant that people simply ignored the 25-fish limit, sometimes just scooping the fish out of the water.

The fish began to disappear when the widespread clear-cutting of forests began after World War II. The rampant building of logging roads in the watershed, the removal of riparian vegetation and huge amounts of silt running off into the creeks ruined their habitat.



JENNIFER CARAH/SPECIAL TO THE CHRONICLE

Jennifer Carah snorkels in Pardaloe Creek, a tributary of the Garcia River in Mendocino County, where she discovered small schools of coho salmon fry, a species on the brink of extinction.

The Garcia River Forest has been clear-cut twice, the last time in the 1960s, according to Kelly.

Coho now make up about 1 percent of their historic population on the North Coast. The construction of dams, pollution and the emergence of global warming appears to be making things even worse. So few spawning chinook salmon returned to the Sacramento River and its tributaries this year that ocean fishing for salmon was banned in California and Oregon.

Coho, which are more sensitive to water temperature and quality than other salmonid species, are in worse shape than chinook. The species was listed as endangered in 2005 under the Endangered Species Act. On top of that, fisheries analysts report a 73 percent decline in the already dismal number of coho returning to the creeks and tributaries along the coast of California during the 2007-08 spawning season. Coho in Oregon showed a 70 percent decline.

'Encouraging sign'

Pardaloe Creek, which at 2,470 feet is the highest point of the Garcia watershed, had been surveyed six times between 1975 and 1999 by the state Department of Fish and Game and the Mendocino County Resource Conservation District. Not a single coho was spotted in any of the surveys. In fact, the farthest up coho were found was in Inman Creek in 1997, 11 miles downstream from Pardaloe Creek.

The Nature Conservancy and

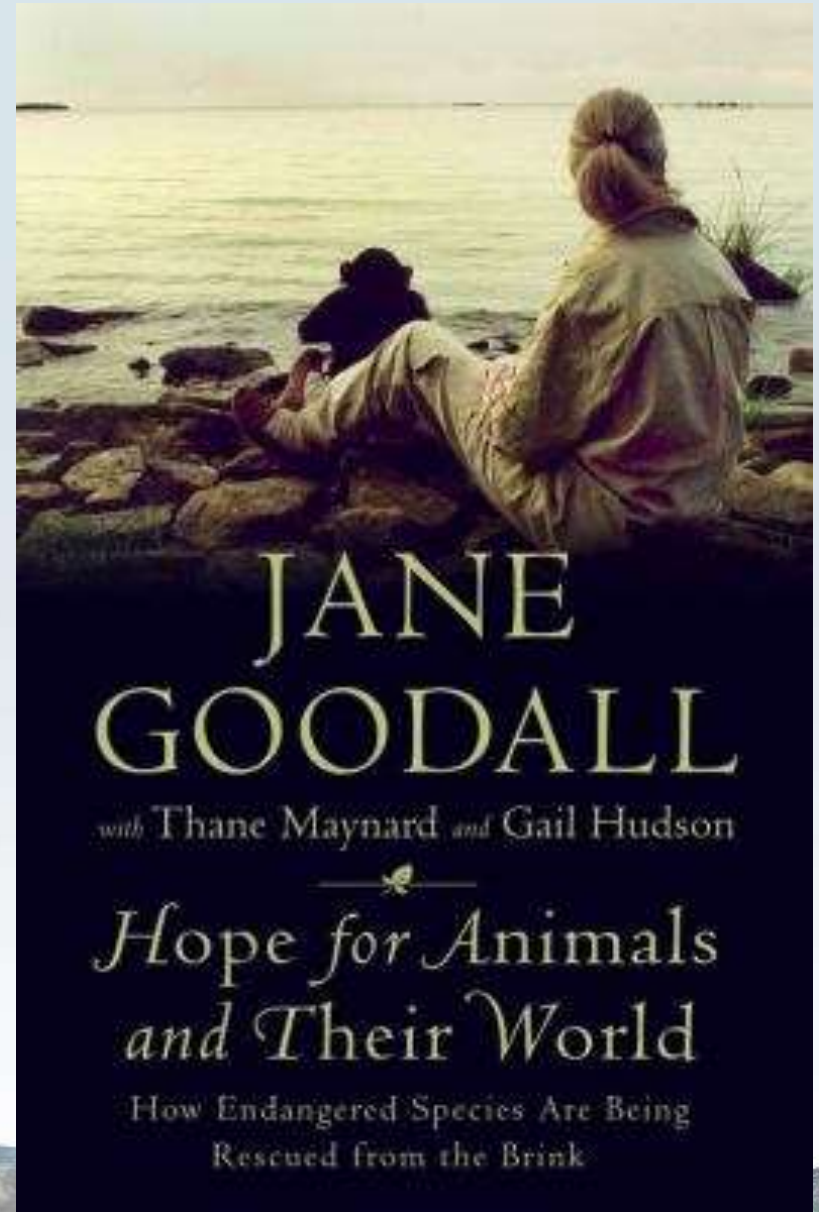
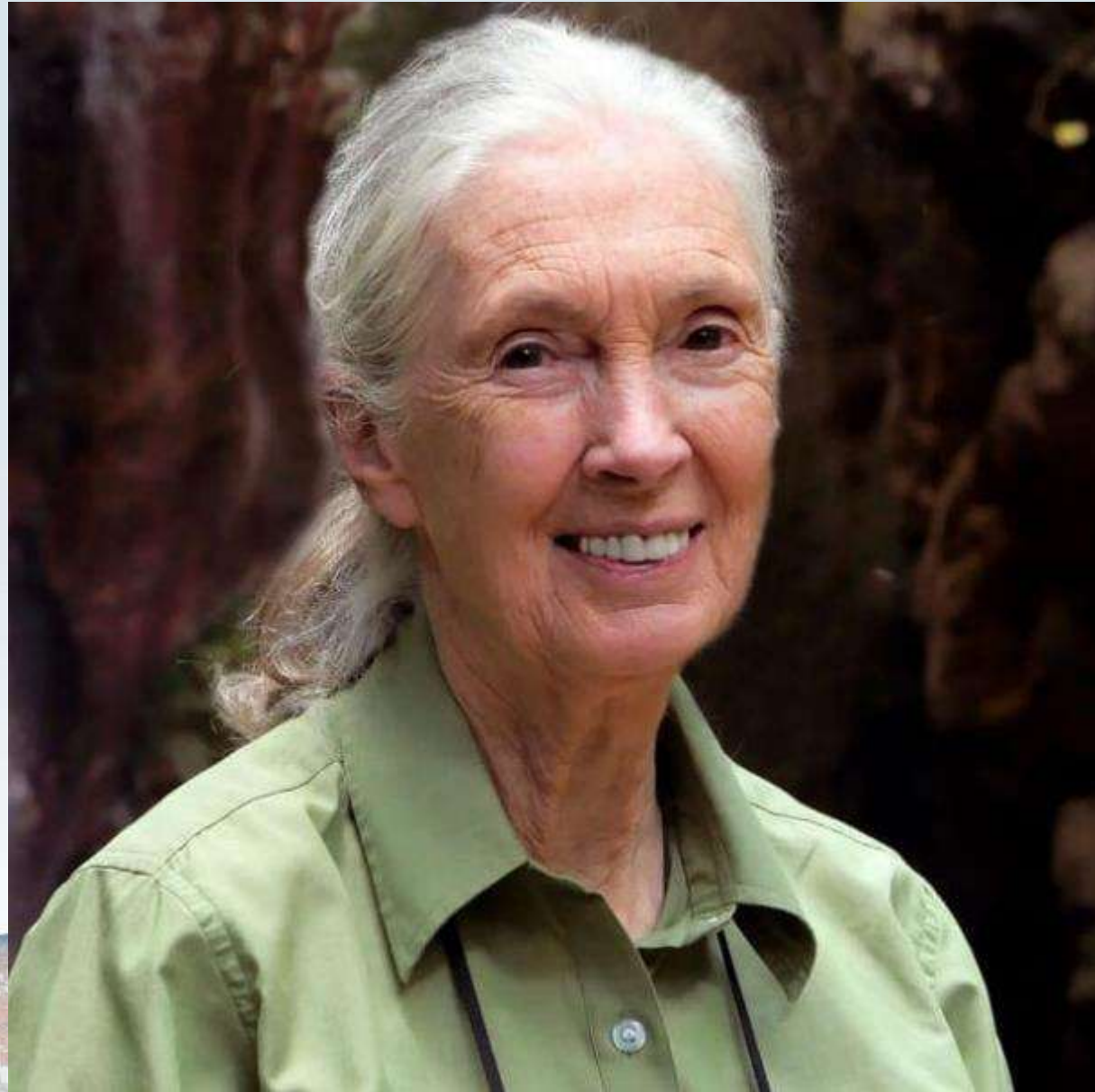
the Conservation Fund have been working together to build wood structures in the streams to create pools for fish, upgrading logging roads to reduce sediment and choosing only non-thriving trees to harvest.

The coho were discovered during the first survey of the upper reaches of the watershed since the restoration work began. Success is hard to measure, Carah said, and one field survey is hardly definitive evidence of a recovery, but she thinks the little fish she saw in the creek are a message that better times could be ahead.

"Because coho are so sensitive, they really serve as kind of a canary in the coal mine for Northern California coastal rivers and streams," Carah said. "It is a really encouraging sign to find them in 10 places and especially way up in the headwaters given the status of coho in the state. I think it does indicate that we are having some success."

Kelly said the kind of forest management being practiced in the Garcia watershed might be the best way left to preserve woodland ecosystems, watersheds and fish.

"A forester would look at this land and say it doesn't meet my 8 or 10 percent return on investment, but we don't have a rate of return expectation. All we need to do is pay the bills," Kelly said. "I look at it as an intervention. We are preserving the viability of the forest and watershed in a feasible way that over the next 10 or 15 years could restore the productivity and volume of timber and again make the timber industry meaningful."





Alder Creek

Brush Creek

Garcia River

**Navarro Point-
Gualala Point Stratum**

Gualala River

Boonville

**Point
Arena**



Ham Cyn

Robinson Cr

Soda Cr

Horse Cr

Anderson Cr

Middle Rancheria Cr

Hathaway Cr

NF Garcia R

Victoria
Fork

Lamour
Cr

German Cr

Maple Cr

Beebe Cr

Little
Penney

Lamour Cr

Rolling Bk

East of
Eureka Hill

Inman Cr

Pardaloe Cr

North of
Gualala Mtn.

Signal Cr

Adams Cr

Diamond
D Ranch

SF Garcia R

Billings Cr

Upper
Rancheria
Cr

Robinson Cr

Upper Rockpile Cr

Doty Cr

Stewart Cr

Robinson Cr

Middle Rockpile Cr

Red Rock

NF Osser Cr

Big Pepperwood Cr

Lower Rockpile Cr

Harpo Reach

Flat Ridge Cr

Little Cr

Grasshopper Cr

Buck Mtn

Mouth of
Gualala R

Annapolis

Flat Ridge Cr

Tombs

Handbook for Forest, Ranch & Rural ROADS

A Guide For
Planning,
Designing,
Constructing,
Reconstructing,
Upgrading,
Maintaining
And Closing
Wildland Roads

Prepared By
William Weaver, P.E.
Elson Wiggins, P.G. • Danny Rogers, CPESC
PACIFIC WATERSHED ASSOCIATES



Thank you



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© Jonathan Warmerdam





Joshua Cripps









NPS Advice

- Pay attention to shifting weather conditions
- Be prepared and willing to turn around at any time
- Do NOT take shelter under exposed, overhanging rock.
- In a forested area spread out but remain within earshot of one another.
- Learn seasonal weather patterns of the area
- Check the most up-to-date weather forecast



“As we take risks with our own lives, we risk a part of the lives of all those who love and care for us”. Andrew Betts, hit by lightning on Cathedral Peak, 2000

Sarah Phillips, Marin RCD, SRF Board





Proof of Concept

a reminder of the power of streams



erik stromberg
restoration design group

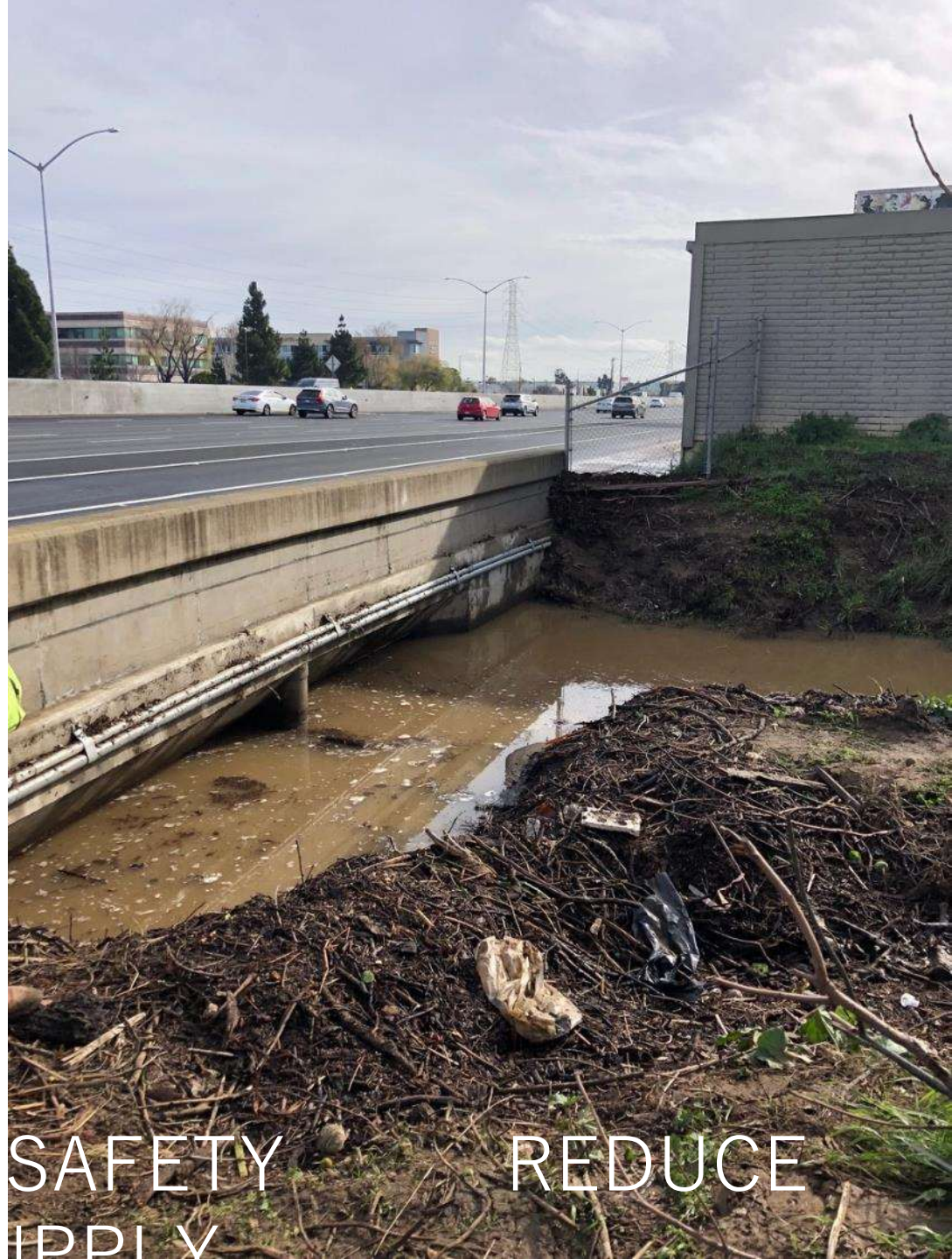




HABITAT



PUBLIC SAFETY
SEDIMENT SUPPLY



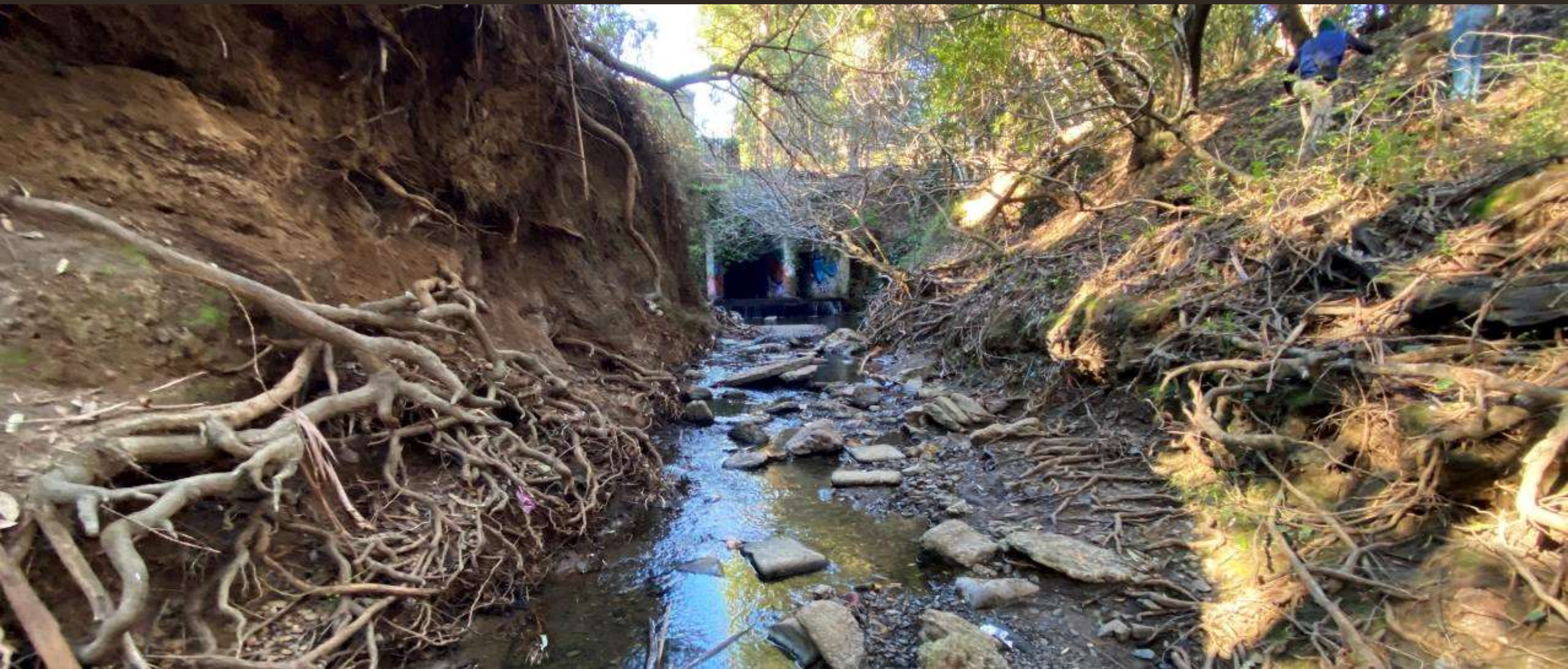
REDUCE







Restoration – Upper Reach



Restoration – Upper Reach

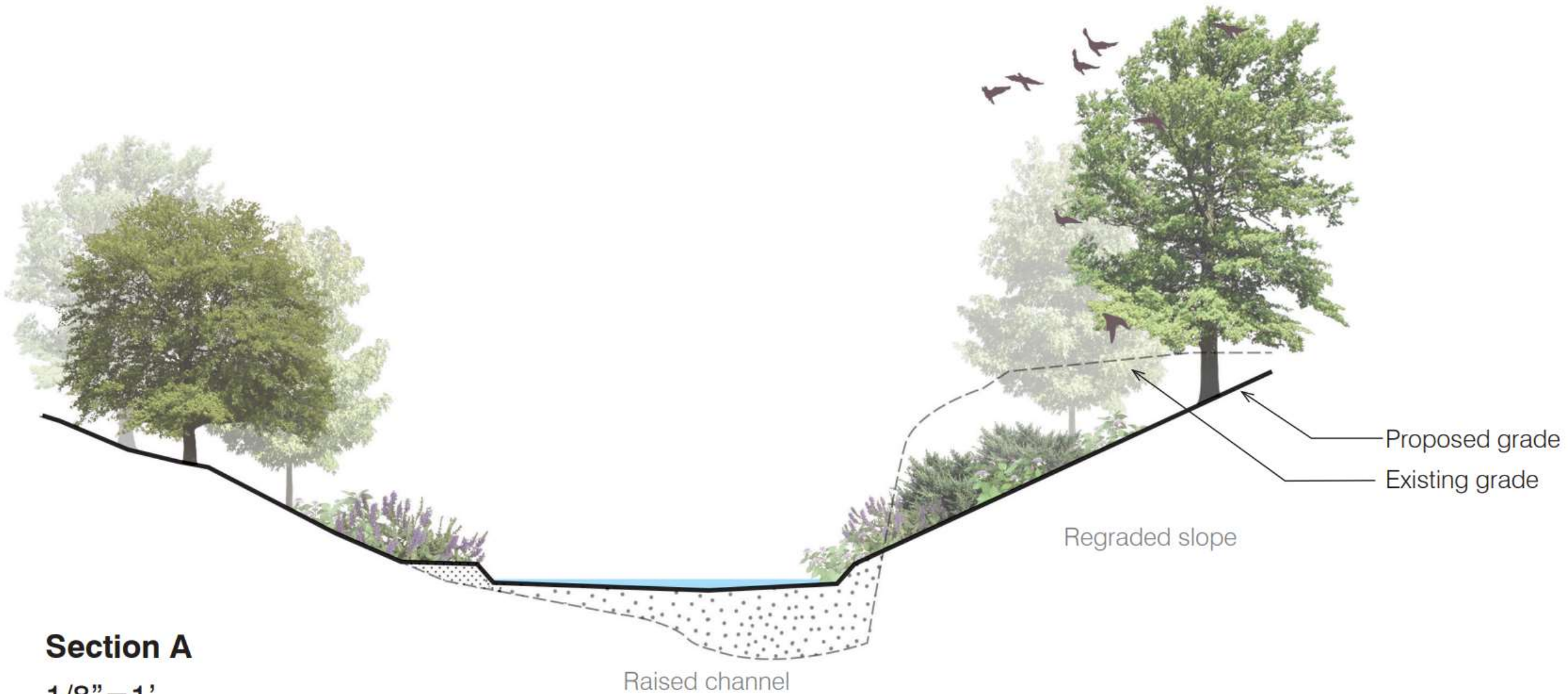




ASSESSMENTS SUMMER 2022



ASSESSMENTS SUMMER 2022



Section A

1/8" = 1'

CONCEPT DEVELOPMENT FALL 2022



WINTER OF 2022-2023



JANUARY 24, 2023



JANUARY 24, 2023



JANUARY 24, 2023



JANUARY 24, 2023



JANUARY 24, 2023



JANUARY 24, 2023



JANUARY 24, 2023



MARCH 15, 2023



MAY 15, 2023

Creek Restoration – Upper Reach









NOVEMBER 06, 2023



NOVEMBER 06, 2023

A lush green stream flows through a wooded area. The water is clear and reflects the surrounding greenery. The banks are covered in vibrant green grass and moss. In the background, a faint rainbow is visible through the trees. The overall scene is peaceful and natural.

Nugget of Hope

Even urban streams convey significant sediment and can see rapid beneficial response given the right conditions

Nugget of Inspiration

You never know what interesting things you might observe if you spend time along creeks and rivers

Justin Alvarez, Hoopa Valley Tribal Fisheries



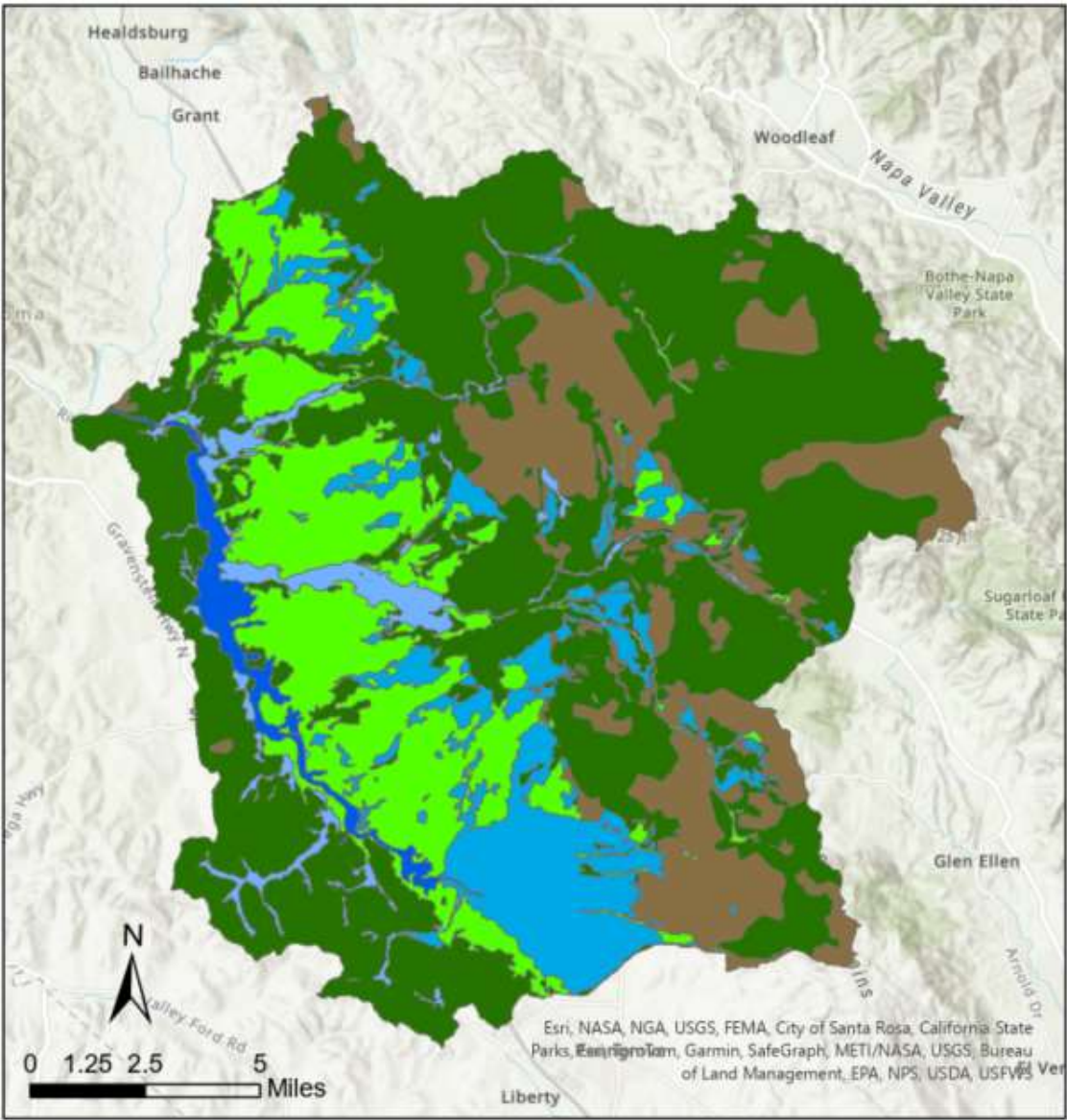
www.ndow.org/species/brown-trout

LAGUNA DE
SANTA ROSA
WATERSHED
RECONCILIATION
& STEWARDSHIP

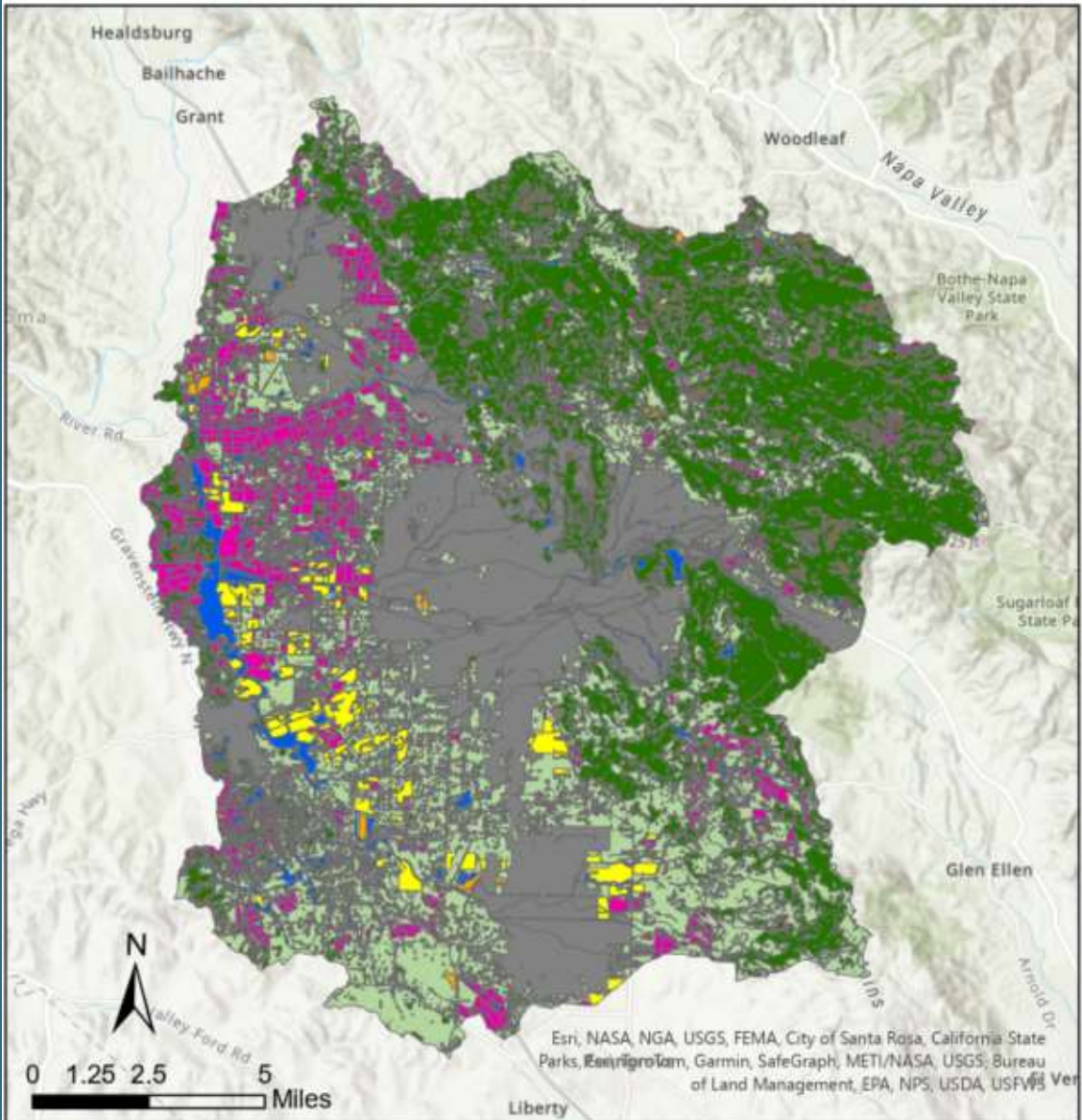
It takes a village!



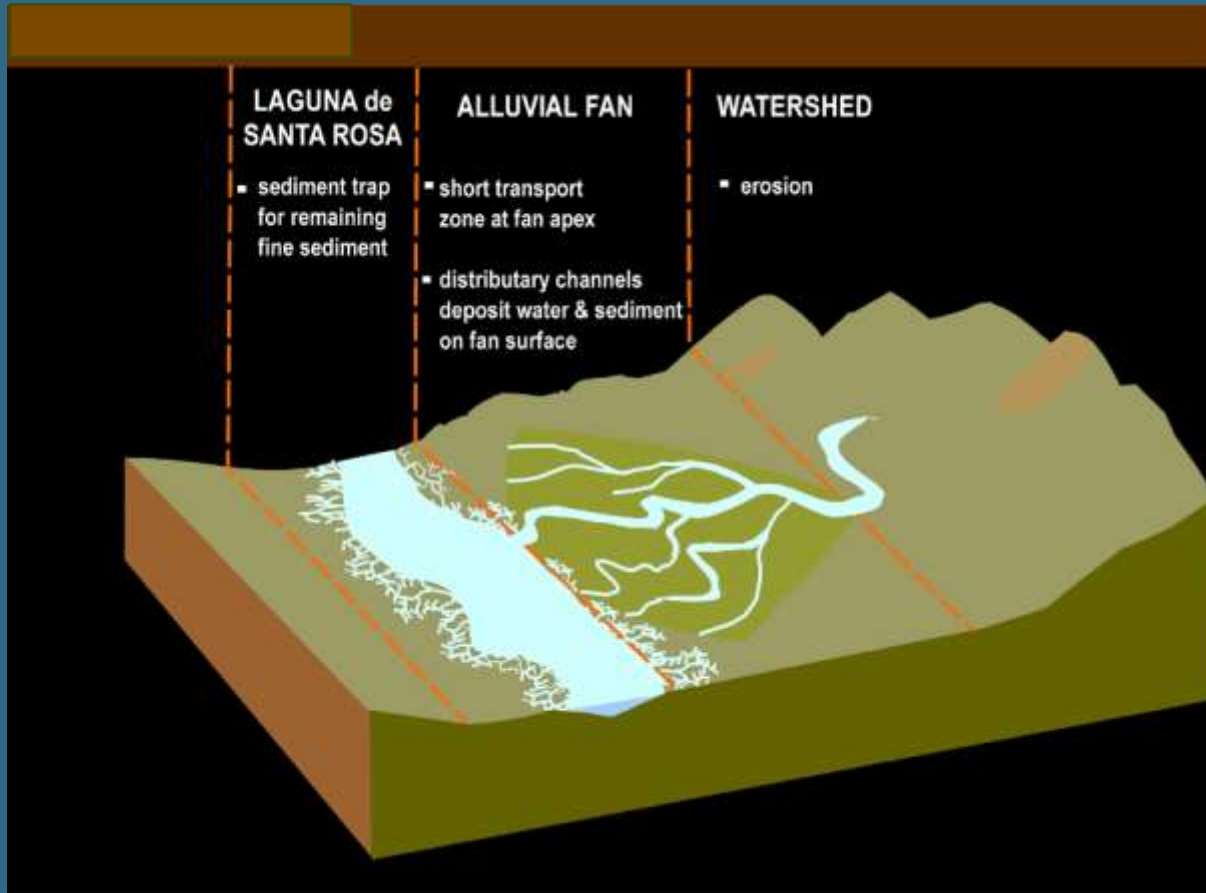
Pre Colonization Land Cover



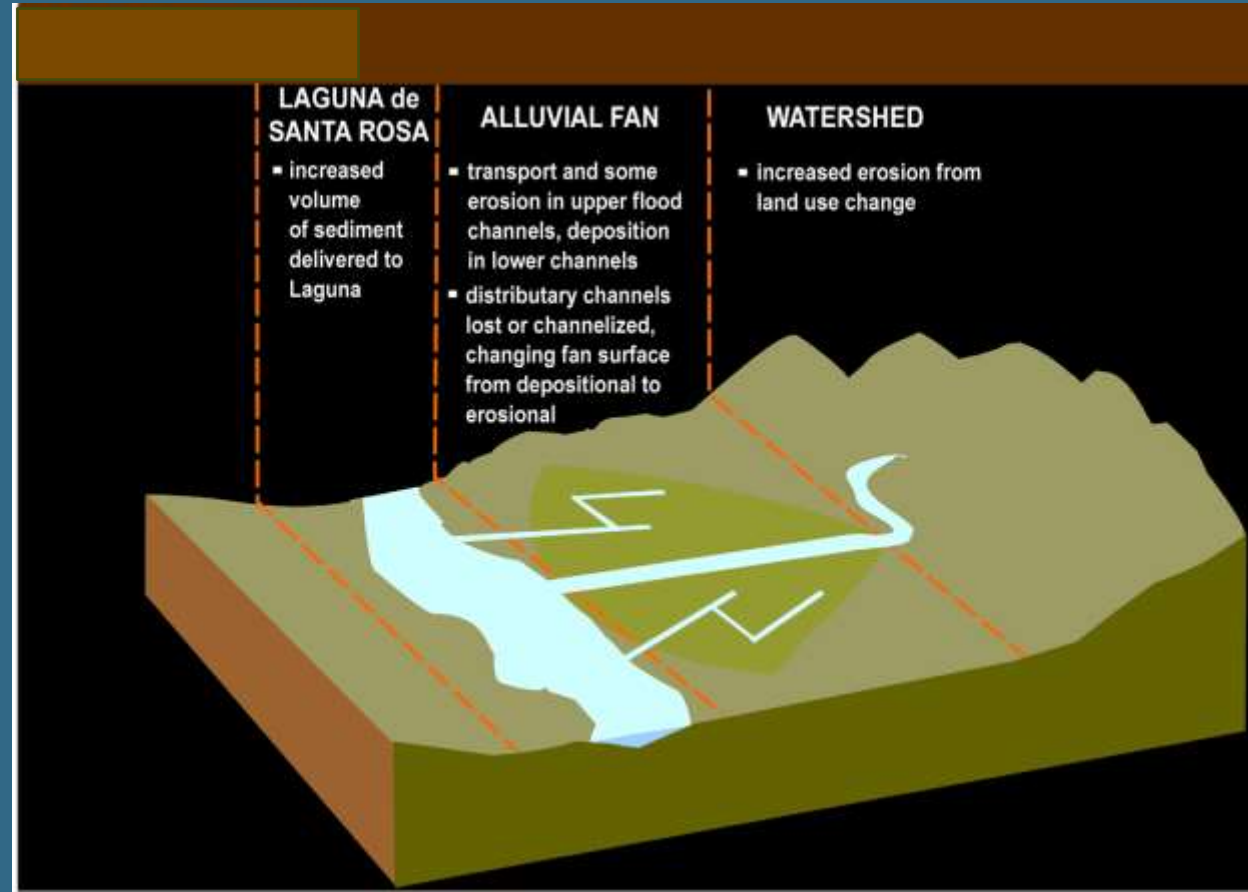
Current Land Cover

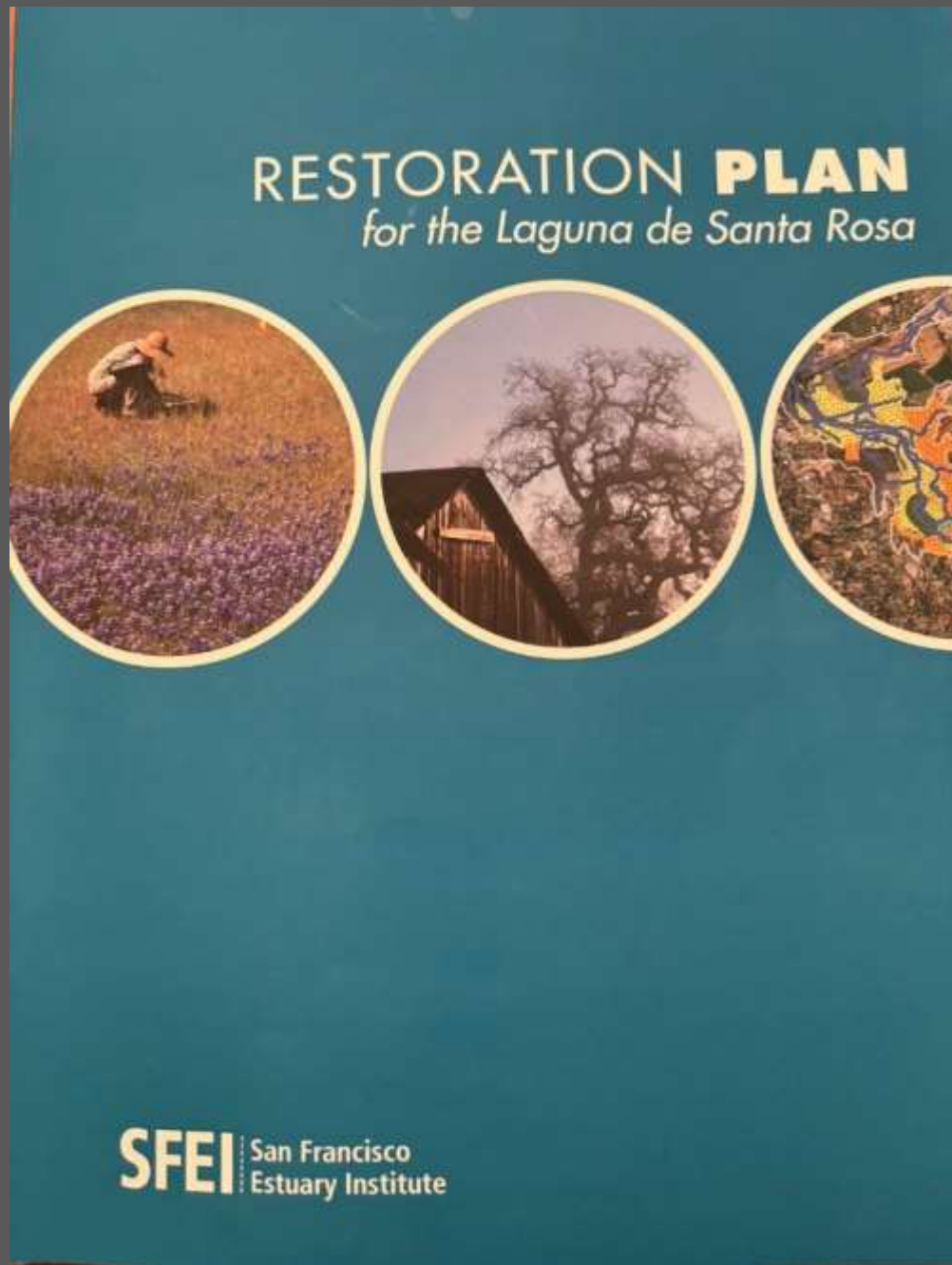


Before European Settlement



Current Hydrology





Laguna Restoration, Reconciliation, and Stewardship Plans

- Restoration Plan for the Laguna de Santa Rosa (SFEI Aquatic Sciences Center 2023): 100-year flood plain (Available at: <https://www.sfei.org/>)
- Laguna Reconciliation Plan (North Coast Regional Water Board - Under Development): Addresses WQ In Entire Watershed

The Laguna Village Is Growing!

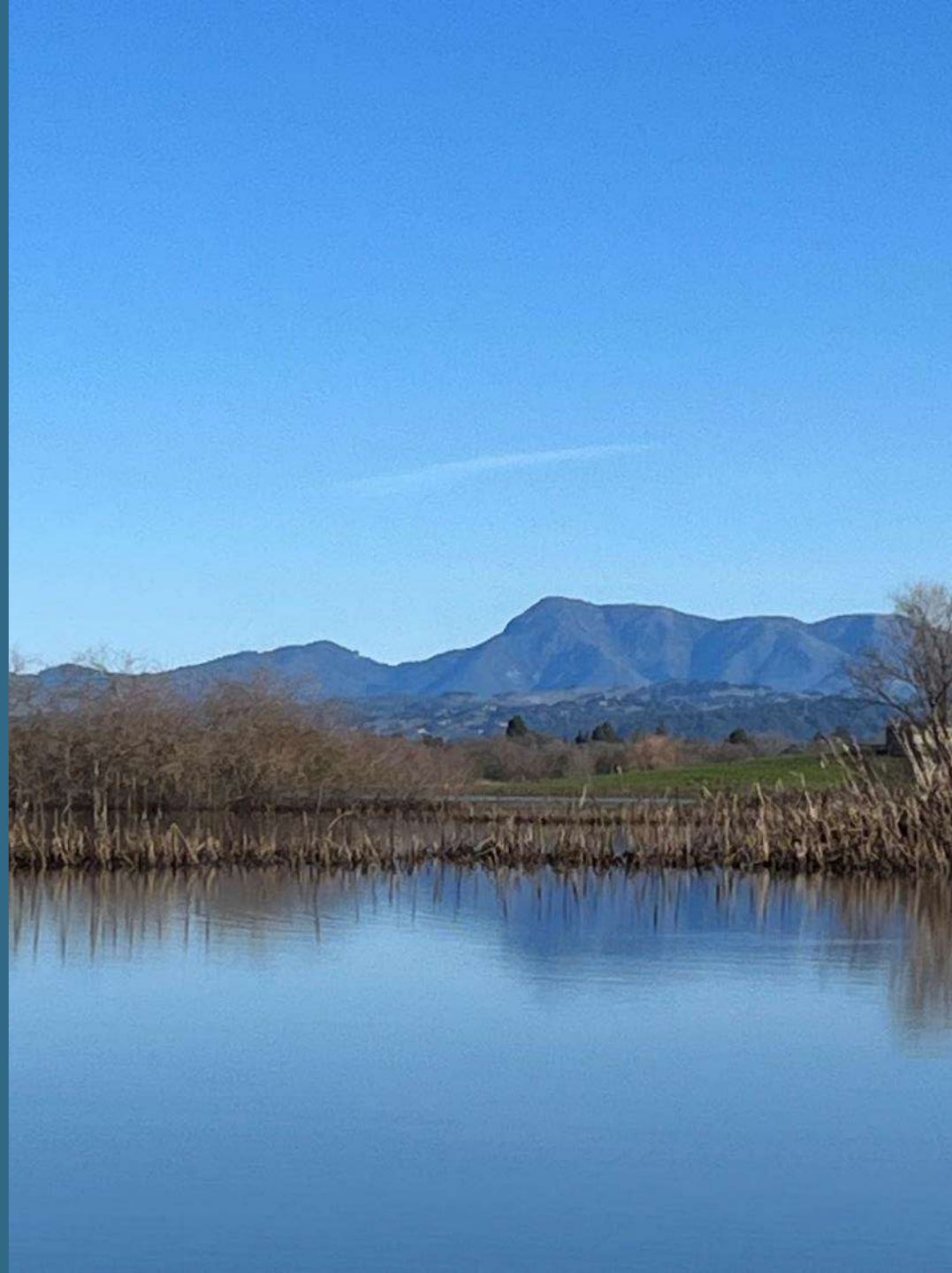


- Others (e.g., UC Davis; Landowners (Aggios, Denners, LaFranchi, others); CSU Stanislaus; City of Rohnert Park, USGS,

Thank You!

Salmon
Restoration
Federation

For Building
This Village
Statewide
Since 1986!!!



Lightning Tales: Sharing Stories of Inspiration and Hope
Salmonid Restoration Federation Conference 2024

THANK



YOU!

Eli Asarian, Riverbend Sciences, SRF Board
Sarah Phillips, Marin RCD, SRF Board
Thursday, March 28th