Klamath Basin Restoration 2018 Grant Slate

NFWF CONTACT

Femke Freiberg
Manager,
California Water Programs
femke.freiberg@nfwf.org
415-243-3104

FUNDING PARTNER

ABOUT NFWF

The National Fish and Wildlife Foundation (NFWF) protects and restores our nation's fish and wildlife and their habitats. Created by Congress in 1984, NFWF directs public conservation dollars to the most pressing environmental needs and matches those investments with private funds. Learn more at **www.nfwf.org**

NATIONAL HEADQUARTERS
1133 15th Street NW
Suite 1000
Washington, DC 20005
202-857-0166

Bull trout

OVERVIEW

The National Fish and Wildlife Foundation (NFWF) and the U.S. Fish and Wildlife Service have awarded 15 new restoration grants totaling $2.09 million through the Klamath Basin Restoration Program. The 15 awards announced generated $2.3 million in match from the grantees, providing a total conservation impact of $4.4 million.

The Klamath Basin Restoration Program seeks to restore water quality, water quantity and the aquatic and terrestrial habitats of the Klamath Basin for the benefit of fish, wildlife and health of the communities. Projects funded through the program address limiting factors facing steelhead, Chinook salmon, coho salmon and Pacific lamprey; support restoration actions to benefit resident fish populations of Lost River and shortnose suckers, bull trout and redband trout; and undertake activities that will ultimately lead to successful reintroduction of anadromous fish to the upper Klamath Basin.

Lower Scott Valley Stream Habitat Restoration: Phase 2 (CA)
Grantee: Siskiyou Resource Conservation District
Grant Award:. $73,374
Matching Funds: $107,000
Total Amount:. **$180,374**
Restore 2.75 river miles of critical habitat for coho salmon, Chinook salmon and steelhead

(continued)

Chinook salmon

trout within the mainstem Scott River through instream habitat improvements. Project will develop conceptual design plans involving a series of instream habitat features and off-channel rearing ponds to increase pool frequency and volume, add complex woody shelter structures, improve floodplain connectivity, provide slow water rearing areas, promote mature riparian forests, and sort spawning gravels.

Water Dedication Development in the Scott River Basin (CA)
Grantee: Scott River Water Trust
Grant Award:. $99,007
Matching Funds: $110,000
Total Amount:. **$209,007**
Advance negotiations of long-term and permanent water dedications, as well as allow for the continuation of forbearance based water dedications in the Scott River Watershed, within high-priority reaches for coho salmon. Project will work with landowners to dedicate flow to return hundreds of acre-feet back to the system annually and provide for thousands of feet in instream benefit.

Reducing Road Sourced Sediment Loading for Scott River Tributaries on EcoTrust Lands (CA)
Grantee: Northwest California Resource Conservation & Development Council
Grant Award:. $117,790
Matching Funds: $60,000
Total Amount:. **$177,790**
Reduce the potential road-sourced sediment load from entering tributaries of the Scott River to benefit salmonid habitat and water quality through inventory and priority sediment treatment projects on roads managed by Ecotrust Forest Management. Project will treat at least 10 major stream crossings impacted by fires in 2014 and 2017, including the improvement of culverts to convey 50 year flows, removal of culverts and installation of rock-filled fords with critical dips.

Lower Bear Creek Stream and Floodplain Habitat Enhancement to Benefit Native Salmonids (CA)
Grantee: Yurok Tribe
Grant Award:. $88,906
Matching Funds: $180,608
Total Amount:. **$269,514**
Install constructed wood jams and rehabilitate riparian

habitats in lower Bear Creek to provide immediate and long-term benefits to Chinook and coho salmon, and steelhead and coastal cutthroat trout. Project will facilitate the formation and maintenance of productive winter rearing habitats; improve connectivity between riverine, tributary and floodplain habitats; and increase riparian forest health and resilience.

South Fork Scott River Floodplain Restoration and Increased Habitat Complexity for Coho Salmon (CA)
Grantee: Siskiyou Resource Conservation District
Grant Award:. $111,591
Matching Funds: $80,000
Total Amount:. **$191,591**
Restore floodplain function and instream habitat complexity within a 1-mile reach of the South Fork Scott River for the benefit of anadromous salmon species including threatened coho salmon. Project will include the excavation of inset floodplains, installation of large-wood structures/jams (spanning 600 feet of stream), removal of historic mining tailings and planting of native riparian trees.

Reduce Entrainment of Native Fishes through Installation of Fish Screens on the Wood River (CA)
Grantee: Trout Unlimited
Grant Award:. $139,863
Matching Funds: $665,263
Total Amount:. **$805,126**
Address fish screening needs at five irrigation diversions on the Wood River in the Klamath River Basin to prevent entrainment of native fishes, including redband trout, bull trout and lamprey. Project will build upon ongoing partnerships and restoration efforts in the Wood River and will reduce entrainment threats to socially, culturally and ecologically important native fish species.

Channel Reconnection and Water Transfer to Restore Threemile and Crane Creek Critical Habitat (OR)
Grantee: Trout Unlimited
Grant Award:. $300,000
Matching Funds: $184,525
Total Amount:. **$484,525**
Restore habitat, improve water quality and ensure reliable connectivity to unoccupied critical habitat for the benefit of threatened bull trout, Oregon spotted frog, endangered suckers and anadromous fish. Project will remove Threemile and Crane creeks from a series of irrigation ditches, return them to their historic channels, and reconnect them to adjacent critical bull trout habitat, as well as complete funding of an instream water transfer to ensure reliable flows in the restored channels.

Scott River Beaver Dam Analogues: Implementation, Monitoring and Passage Assessment (CA)
Grantee: Humboldt State University Sponsored Programs Foundation
Grant Award:. $129,428
Matching Funds: $70,500
Total Amount:. **$199,928**
Implement beaver dam analogues in the Scott River watershed and monitor their effectiveness with a particular focus on evaluating fish passage. Beaver dam analogues will expand the area of suitable rearing habitat for juvenile coho salmon and other species, while the monitoring effort will clarify the potential benefit to fish populations and provide guidance for future efforts.

Water Quality and Fisheries Habitat Restoration for Anadromous Fish in Blue Creek (CA)
Grantee: Yurok Tribe
Grant Award:. $253,244
Matching Funds: $100,546
Total Amount:. **$353,791**
Provide immediate and long-term benefits to wild runs of Chinook and coho salmon, and steelhead and coastal cutthroat trout, and Pacific lamprey by improving water quality, promoting base flow restoration and increasing habitat complexity and resilience in the Blue Creek Watershed. Project will address sedimentation, water quality, and hydrologic impairments associated with a legacy timber road; and increase habitat complexity and resilience by adding large wood to fluvial habitats and planting riparian trees.

Enhancing and Protecting Water for Salmon through Voluntary Dedications in the Shasta River Basin (CA)
Grantee: The Nature Conservancy
Grant Award:. $99,567
Matching Funds: $43,846
Total Amount:. **$143,413**
Engage with partners in the Shasta River Watershed to identify and implement voluntary solutions to enhancing flows to benefit habitat for Chinook and coho salmon. Project will assist three to eight landowners who are currently pursuing Safe Harbor Agreements with the National Oceanic Atmospheric Administration in securing dedication of instream flows which will ultimately result in up to 4,400 and 9,700 acre-feet of additional water being left instream when fish need it most.

Upper Sycan Bull Trout Critical Habitat Protection (CA)
Grantee: Klamath Watershed Partnership
Grant Award:. $54,000
Matching Funds: $54,030
Total Amount:. **$108,030**
Protect critical habitat for bull trout in the Upper Sycan Watershed through 3 miles of fencing and hardened water

Coho salmon | Credit: Oregon Department of Forestry

gaps for cattle. Project will limit cattle access to the streams in grazed meadows to benefit instream habitat conditions, especially with respect to spawning gravels, redds and refugia, and future streambank stabilization and shading promoting additional water quality and instream habitat improvements.

Water Transactions to Benefit Chinook Salmon and Support the Shasta River Water Transaction Program (CA)
Grantee: The Nature Conservancy
Grant Award:. $58,210
Matching Funds: $67,871
Total Amount:. **$126,081**
Secure approximately 500 acre-feet of water with short-term forbearance agreements with willing water right holders in the Shasta River Watershed. Project will work with water rights holders to leave water instream when flows are at their lowest in late September just before the end of irrigation season.

Creating and Restoring Off-Channel and Side Channel Habitat along Humbug and Seiad Creeks (CA)
Grantee: Mid Klamath Watershed Council
Grant Award:. $334,368
Matching Funds: $363,356
Total Amount:. **$697,724**
Create 22,000 square feet of off-channel habitat and enhance a 700-foot long Klamath River side channel in the Klamath Basin. Project will benefit Klamath River steelhead, coho salmon and Chinook salmon by addressing key limiting factors affecting their survival, including lack of low-velocity over-wintering habitat and lack of thermal refuge.

Upper Sprague Riparian Protection and Enhancement to Improve Water Quality for Native Fish (CA)
Grantee: Trout Unlimited
Grant Award:. $140,653
Matching Funds: $105,769
Total Amount:. **$246,422**
Complete riparian protection and enhancement actions in the Upper Sprague Basin to improve water quality in the Klamath Basin through functioning riparian buffers to reduce external phosphorus loading and decrease stream temperatures. Project will include the installation of 5 miles of riparian fencing, 15 acres of riparian planting, five off-stream watering systems, and riparian grazing management plans.

Increase Habitat Complexity in the Wood River and Sprague River to Benefit Native Fish (OR)
Grantee: Trout Unlimited
Grant Award:. $91,000
Matching Funds: $112,167
Total Amount:. **$203,167**
Increase habitat complexity for native fishes through the addition of large wood along approximately 10 miles of the Wood River and Sprague River in the Klamath Basin. Project will benefit native fish species, including redband trout, Lost River sucker, bull trout and lamprey, build upon ongoing restoration in the respective watersheds, and prepare the watersheds for recolonization and reintroduction of anadromous salmonids.