



# Northern California Forests' 2018 Grant Slate

## NFWF CONTACT

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## ABOUT NFWF

Chartered by Congress in 1984, the National Fish and Wildlife Foundation (NFWF) protects and restores the nation's fish, wildlife, plants and habitats. Working with federal, corporate and individual partners, NFWF has funded more than 4,500 organizations and generated a conservation impact of more than \$4.8 billion. Learn more at [www.nfwf.org](http://www.nfwf.org)

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Lassen National Forest

## OVERVIEW

The U.S. Forest Service's Eldorado National Forest and Lassen National Forest, in partnership with the National Fish and Wildlife Foundation (NFWF), have dedicated more than \$6 million for planning and restoration projects that advance fire recovery efforts for watersheds in northern California affected by the Power Fire and Storrie Fire.

The Northern California Forests and Watersheds program's 2018 grant slate awarded over \$1.64 million across eight projects.

The 2004 Power Fire on Eldorado National Forest burned 14,000 acres in the Mokelumne River watershed. The 2000 Storrie Fire on Lassen National Forest burned 27,000 acres in the North Fork Feather River and Butte Creek watersheds, along with 25,000 acres on Plumas National Forest. Combined, these two fires burned more than 65,000 acres of national forest lands and left a significant impact on the landscapes, watersheds and ecosystems of the region.

The program funds projects that address four key watershed and forest restoration strategies:

- Watershed restoration and management
- Species management
- Forest and upland restoration and management
- Management of recreational and non-natural features

*(continued)*



Mokelumne watershed | Credit: ACCG

Based on proposals received, grants in 2018 were awarded to projects across three key strategies: (1) watershed restoration and management, (2) species management and (3) management of recreational and non-natural features.

**WATERSHED RESTORATION AND MANAGEMENT**

The following projects seek to improve watershed quality and habitat. Projects can improve hydrologic connectivity and aquatic organism passage; remove invasive species threatening aquatic habitat or sensitive species; restore and/or enhance instream flow; or create, maintain, and/or improve existing watersheds, meadows, fens, riparian corridors and instream habitats.

**Developing Restoration Designs for Three Meadows on Eldorado National Forest**

Amador Resource Conservation District will develop restoration designs for three meadows and meadow boundaries totaling 50 acres within the Power Fire boundary on Eldorado National Forest in California. The project will generate designs for 13 acres of meadow and 37 acres of meadow boundary, thin and remove conifers on 23 acres of meadows and meadow boundaries, and develop environmental compliance documents which are required for future restoration.

**\$211,681**

**Foster Meadow’s Aquatic Organism Passage and Meadow Restoration on Eldorado National Forest**

Plumas Corporation will restore a meadow and aquatic organism passage at Foster Meadow on Eldorado National Forest in California. The project will enhance watershed hydrology by restoring 21 meadow acres, opening one

mile of stream, planting native vegetation, and monitoring habitat and water flow benefits.

**\$215,450**

**Developing High-Priority Meadow Restoration Designs for Lassen National Forest**

Point Reyes Bird Observatory dba Point Blue Conservation Science will identify and develop up to five high-priority meadow restoration designs for meadows within the Storrie Fire boundary on Lassen National Forest in California. The project will assess 90 meadow data sets and group them by restoration need, develop restoration group recommendations, perform meadow site visits, and develop up to five meadow restoration designs and associated environmental compliance documents required for future restoration implementation.

**\$431,290**

**Developing Upper Humbug Valley Meadow Restoration Designs for Lassen National Forest**

Plumas Corporation will develop meadow restoration designs for Yellow Creek 1 and 2 within Upper Humbug Valley and the Storrie Fire boundary on Lassen National Forest in California. The project will create restoration designs for 47 acres of meadow, 90 acres of riparian corridor, and generate environmental compliance documents required for future restoration implementation.

**\$300,834**

**Warner Mountains Meadow Restoration near Modoc National Forest**

California Deer Association will perform 878 acres of meadow restoration on Alaska Canyon, Dry Creek, and Callie

Spring within the Warner Mountains near Modoc National Forest in California. The project will restore meadows, remove conifers and juniper, improve water flow, and monitor the restored areas, benefiting migratory corridors for mule deer, antelope and sage grouse.

**\$100,000**

**SPECIES MANAGEMENT**

The following projects seek to benefit threatened and endangered species or species of special concern, and/or conduct restoration activities that can benefit a suite of species, community or habitat. Projects can evaluate, restore or improve habitat specific to a species or suite of species of interest; perform research that improves understanding of species/population needs; or inform and educate the public about issues concerning these species and actions that can be taken to protect them.

**Developing a Pacific Marten Habitat Connectivity Model for Lassen National Forest**

National Council for Air and Stream Improvement will develop a Pacific marten habitat connectivity model within the Storrie Fire boundary for Lassen National Forest in California. The project will develop a data-tested, flexible model that Lassen National Forest can use for future marten habitat restoration and management.

**\$254,731**

**Evaluating Meadow Restoration Techniques and Benefits for Sierra Nevada Amphibians using eDNA**

Washington State University Vancouver will evaluate multiple meadow restoration techniques and benefits for three threatened or endangered amphibians throughout Sierra Nevada in California. The project will study meadow restoration effects on the Yosemite toad, Sierra Nevada yellow-legged frog and mountain yellow-legged frog, create meadow restoration technique recommendations, and develop workshops and reports for key federal, state, and local agencies and practitioners.

**\$25,000**

**MANAGEMENT OF RECREATIONAL AND NON-NATURAL FEATURES**

The following project seek to manage recreational and non-natural features such as trails, roads, campsites and fuel breaks, and must be able to illustrate a benefit to watershed restoration and recovery or ecosystem improvement.

The project can conduct field condition assessments and/or management recommendations to critical trails, roads, campsites or fuel breaks; relocate, maintain, and/or improve degraded trails, roads, campsites or fuel



Pacific marten | Credit: USFS



Sierra Nevada yellow-legged frog | Credit: USFWS

breaks; restore lands impacted from past fire management activities; implement best management practices to reduce invasive species and/or pollutant loads (particularly those from sediment/erosion); or restore and prevent non-U.S. Forest Service approved user-created trails, roads or campsites.

**Performing Trail Maintenance for Soda Creek and Indian Springs on Lassen National Forest**

Student Conservation Association will perform trail maintenance for Soda Creek and Indian Springs for nearly eight miles within the Storrie Fire boundary on Lassen National Forest in California. The project will provide critical trail maintenance that will reduce erosion and includes reduction of user created trails, hazard tree and overgrown vegetation removal, sign installation, and other trail improvements.

**\$130,509**