



NFWF

Lahontan Cutthroat Trout 2018 Grant Slate

NFWF CONTACT

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FUNDING PARTNERS

- Bureau of Reclamation
- U.S. Forest Service
- U.S. Fish and Wildlife Service
- Bureau of Land Management



Lahontan cutthroat trout

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

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OVERVIEW

The National Fish and Wildlife Foundation (NFWF), in partnership with the Bureau of Reclamation, the Bureau of Land Management, the U.S. Forest Service and the U.S. Fish and Wildlife Service, announced the 2018 funding for the Lahontan Cutthroat Trout (LCT) program. Two projects were awarded a total of \$724,905, leveraging \$734,000 in match from grantees and generating a total conservation impact of more than \$1.45 million. The program launched in 2010 and seeks to create large interconnected strongholds of Lahontan cutthroat trout that are resilient to drought, fire and stream warming, while protecting populations from non-native trout that compete or hybridize with them.

Lahontan cutthroat trout are the only native trout in the Great Basin, including Nevada and parts of California, Oregon and Utah. Following decades of decline, the species was listed under the Endangered Species Act in 1973. Since NFWF's program began, nine populations have been secured through a combination of reintroduction and barrier placement protecting from non-native trout invading recovery streams. Non-native trout have also been removed from 267 miles of Lahontan cutthroat trout habitat to date.



A fisheries biologist measures a Lahontan cutthroat trout. | Credit: Jeannie Stafford, USFWS

**Lahontan Cutthroat Trout
Core Grant 2019 (CA, NV, OR)**

Grantee: Trout Unlimited

Grant Award:\$603,375

Matching Funds:\$604,000

Total Amount: \$1,207,375

Continue to address the needs identified in NFWF's LCT Business Plan by supporting an LCT Facilitator position to advance recovery planning, undertake comprehensive sampling of non-native trout eDNA in two priority watersheds, continue genetics assessment to determine hybridization status of Lahontan cutthroat trout populations, initiate a field study to evaluate the benefits of genetic rescue for Lahontan cutthroat trout, conduct a feasibility assessment for a permanent protection

barrier, and secure a hatchery facility for development of a Walker Basin Lahontan cutthroat trout broodstock.

**Trout and Drought: Quantifying Sensitivity
of Lahontan Cutthroat Trout Streams (CA, NV, OR)**

Grantee: USGS Forest and Rangeland Ecosystem Science Center

Grant Award:\$121,530

Matching Funds:\$130,000

Total Amount: \$251,530

Analyze field data to evaluate the sensitivity of current and future populations of Lahontan cutthroat trout to temperature and drought conditions in critical streams range-wide. Results will inform future recovery strategies.