

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Conserve Native Fish and Examine Utility of Environmental DNA in the Upper Gibbon River, Yellowstone National Park

Discipline: Natural
Type of Project: Research
Funding Agency: National Park Service
Other Partners/Cooperators: Montana State University
Effective Dates: 6/1/2016 - 5/31/2021
Funding Amount: \$222,100

Investigators and Agency Representative:

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Project Abstract: Yellowstone National Park's Division of Resource Education and Youth Programs develops and maintains the park's official website, which received 28,239,243 page views in 2014. The website is used to expand public education opportunities about the park and its resources. The website contributes directly to visitor understanding and appreciation of Yellowstone's unique resources, visitor safety, resource preservation, and the accomplishment of management goals and objectives. The websites ensures that many audiences are engaged in dynamic and appealing Internet-delivered medial in national parks. This effort is aligned with NPS goals for connecting large, diverse, and nontraditional audiences with natural and cultural resources and features of Yellowstone, thereby ensuring that the public understands and appreciates their significance and becomes lifelong partners in their preservation. This project supports the development of web media that help make the park's website the moist highly visited in the National Park System. It will focus on continuing to develop the park's resource web pages with current information and messaging.

Keywords: native fish, restoration, Gibbon River, eDNA, monitoring, Yellowstone National Park, Montana State University