

## U.S. FISH AND WILDLIFE SERVICE - SPOTLIGHT SPECIES ACTION PLAN

**Common Name:** Oregon chub

**Scientific Name:** *Oregonichthys crameri*

**Lead Region:** Region 1

**Lead Field Office:** Oregon Fish and Wildlife Office

### **Species Information:**

Status: Endangered

Recovery Priority Number or Listing Priority Number: 8

Recovery Plan or Candidate Assessment Form: U.S. Fish and Wildlife Service. 1998. Recovery Plan for the Oregon Chub(*Oregonichthys crameri*) U.S. Fish and Wildlife Service, Portland, Oregon. 86 pages.

Most Recent 5-year Review: February 11, 2008

Other: U.S. Fish and Wildlife Service. 2009. Designation of critical habitat for the Oregon chub; proposed rule. Federal Register 74(45): 10411-10453.

Threats: In the last 100 years, backwater and off-channel habitats have disappeared because of changes in seasonal flows resulting from the construction of dams throughout the Willamette River Basin, channelization of the Willamette River and its tributaries, removal of snags for river navigation, and agricultural practices. Current threats to the Oregon chub include: continued habitat alteration; the proliferation of non-native fish and amphibians; accidental chemical spills; runoff from herbicide or pesticide application on farms, timberlands, or along roadways, railways, and power line rights-of-way; desiccation of habitats; unauthorized water withdrawals, diversions, or fill and removal activities; and sedimentation resulting from timber harvesting in the watershed.

**Target:** Improve the status of this species within 5 years by increasing the number of protected sites for this species.

**Measure:** Increase the number of protected sites by working with our partners to include 5 additional landowners under a Programmatic Safe Harbor Agreement with ODFW.

### **Actions (in order of priority):**

1. Maintain ongoing efforts to acquire Oregon chub abundance and distribution data: these data are the foundation for future Oregon chub conservation actions and the ongoing effort is the only source of rangewide data that guides the entire Oregon chub recovery effort. Without these data all the agencies involved with Oregon chub conservation would not be able to effectively manage their Oregon chub conservation efforts.
  - a. Conduct annual surveys in the Willamette River drainage to quantify the abundance and distribution of Oregon chub populations.

2. Protect existing populations and establish new Oregon chub populations: a major recovery effort for the Oregon chub has focused on the introduction of Oregon chub into suitable habitats within their historic range. Several new populations have been established since 1988. In addition, several habitat restoration projects have been completed to increase the quantity of habitat or enhance the suitability of habitat for the Oregon chub.
  - a. Enroll 5 landowners in the Programmatic Safe Harbor Agreement with ODFW over the next five years.

*Estimated cost of the actions:*

Action	Implementing Party	Description	Cost: FY2010 to FY2014
1.a.	ODFW <sup>1</sup>	Conduct annual surveys in the Willamette River drainage to quantify the abundance and distribution of Oregon chub populations.	\$55,000, year 1 \$57,800, year 2 \$60,600, year 3 \$63,700, year 4 \$66,850, year 5
2.a.	USFWS <sup>2</sup>	Enroll 5 landowners in the Programmatic Safe Harbor Agreement with ODFW over the next five years.	25 bio hours per year

<sup>1</sup> Oregon Department of Fish and Wildlife

<sup>2</sup> U.S. Fish and Wildlife Service