

Appendix G

Fish: Species List, Status, and Habitat

This appendix lists species of fish that are known to be present or are likely to occur on state forest lands in Klamath-Lake District. The information was compiled by the Oregon Natural Heritage Program (ONHP), for the Oregon Department of Forestry. Biologists from the Oregon Department of Fish and Wildlife reviewed the information.

The species list was generated from a combination of recognized sources, including ONHP's data information systems, the Oregon Department of Fish and Wildlife's OSIS database, the Oregon Department of Forestry's forest stands database for the Klamath-Lake District, and a literature search. A complete list of sources is included in ONHP's report to the Department of Forestry (Oregon Natural Heritage Program 1994). ONHP developed an initial, working list of species in Klamath County from their data information systems, including their EMAP database, which has statewide distribution information about vertebrate species; and their Vertebrate Characterization Abstracts (VCA) database. Next, ONHP identified habitat categories on state forest lands in Klamath-Lake District, using the district's forest stands database. They then revised the working list to include only those species found in habitat types that occurred on state forest lands in the district.

The common names of the fish are given first, followed by the scientific name in italics. Three categories of information are provided for each species: protection status, breeding status and relative abundance in Klamath County, and habitat information. These categories are discussed briefly below.

Protection Status

The "Status" column provides information about whether a species is listed as threatened, endangered, candidate, sensitive, or other special status. The column includes both federal and state status information. This column also notes if a species is classified as a game species in Oregon, and if it is an introduced species (not native to Oregon). The protection status information was taken from three sources: ONHP's publication "Rare, Threatened, and Endangered Plants and Animals of Oregon"; ONHP's species tracking database; and the Oregon Department of Fish and Wildlife's "Wildlife Diversity Plan."

The following protection status codes are used.

- FE Federally endangered, under the federal Endangered Species Act
- FT Federally threatened, under the federal Endangered Species Act
- FC Federal candidate, under the federal Endangered Species Act

- SE State endangered, under the Oregon Endangered Species Act
- ST State threatened, under the Oregon Endangered Species Act
- SC State critical — species for which listing as threatened or endangered is pending, or may be appropriate if immediate conservation actions are not taken.
- SV State vulnerable — species for which listing as threatened or endangered is not believed to be imminent, and can be avoided through continued or expanded protective measures and monitoring.
- SP State peripheral or naturally rare — species whose Oregon populations are on the edge of the range, or those species that have had historically low populations because of naturally occurring limiting factors.
- SU State unknown — state status is unclear. These species may be susceptible to population declines of sufficient magnitude that they could qualify for one of the state status categories above, but scientific study will be required before a judgment can be made.

- Species is known to occur on state forest lands in Klamath-Lake District, based on sightings or documentation by the Oregon Department of Fish and Wildlife, or information in ONHP’s databases, or letters from Craig Bienz of the Klamath Tribe (letters provided by the Oregon Department of Forestry).
- G State game animal
- I Introduced species (not native to Oregon)

Breeding Status and Abundance in Klamath County

The “Breeding Status / Abundance” column provides information about the breeding status of the species in Klamath County, and also about the relative abundance of the species in Klamath County. The information for this column was generated from data contained in ONHP’s EMAP and VCA databases, and the Oregon Department of Fish and Wildlife’s OSIS database.

Breeding status is described with the following three terms.

- Confirmed breeder Breeding documented in Klamath County.
- Probable breeder Based on available habitat, the species probably breeds in Klamath County, though ONHP does not have documentation of it.
- Possible breeder Species may breed in Klamath County, but there is little available habitat, or the species is particularly rare in the county.

The description of abundance in Klamath County is based on a relative scale. Species were rated as abundant, common, uncommon, rare, or irregular. The “irregular” designation is used for species that are occasionally seen in the county, but are not considered part of the usual fauna. Specific documentation concerning the presence and/or abundance of a species on a specific tract of state forest land is not available, due to a lack of field surveys on those lands.

Habitat Information

ONHP developed 9 habitat categories for terrestrial species, through an assessment and synthesis of various sources. These categories are described in Appendices F, H, and I. For fish, only one habitat category is available on state forest lands. That category is resident stream habitat. The Klamath-Lake District state forest lands do not have any lakes or provide any habitat for anadromous fish species.

Species	Status	Breeding Status and Abundance in Klamath County	Habitat Category Resident Stream Habitat
Rainbow trout <i>Oncorhynchus mykiss</i>	→ G	Confirmed Breeder Present Year Round County Abundance: Common	X
Brown trout <i>Salmo trutta</i>	→ G, I	Confirmed Breeder Present Year Round County Abundance: Common	X
Bull trout <i>Salvelinus confluentus</i>	FC, SC G	Confirmed Breeder Present Year Round County Abundance: Common	X
Brook trout <i>Salvelinus fontinalis</i>	→ G, I	Confirmed Breeder Present Year Round County Abundance: Common	X
Speckled dace <i>Rhinichthys osculus</i>		Confirmed Breeder Present Year Round County Abundance: Common	X