

Federally Listed, Sensitive, and Management Indicator Aquatic Species in the Pacific Northwest Region

Table 1. Federally listed fish and occurrence in Pacific Northwest Region National Forest System units

Species	Status	Location in Region
Chinook Salmon (<i>Oncorhynchus tshawytscha</i>)	Threatened	(see below)
Puget Sound	Threatened	Mt. Baker-Snoqualmie and Olympic National Forests
Lower Columbia River	Threatened	Columbia River Gorge National Scenic Area; Gifford Pinchot and Mt. Hood National Forests
Upper Willamette	Threatened	Mt. Hood, Siuslaw and Willamette National Forests
Upper Columbia River Spring-Run	Threatened	Okanogan-Wenatchee National Forest
Snake River Fall-Run	Threatened	Umatilla and Wallowa-Whitman National Forests
Snake River Spring/Summer-Run	Threatened	Umatilla and Wallowa-Whitman National Forests
Coho Salmon (<i>Oncorhynchus kisutch</i>)	Status	Location in Region
Lower Columbia	Threatened	Columbia River Gorge National Scenic Area; Gifford Pinchot and Mt. Hood National Forests
Oregon Coast	Threatened	Rogue River-Siskiyou, Siuslaw and Umpqua National Forests
Southern Oregon/Northern California	Threatened	Rogue River-Siskiyou National Forest
Sockeye Salmon	Threatened	Not applicable
Chum Salmon (<i>Oncorhynchus keta</i>)	Status	Location in Region
Columbia River chum salmon	Threatened	Columbia River Gorge National Scenic Area; Gifford Pinchot and Mt. Hood National Forests
Hood Canal Summer-Run	Threatened	Olympic
Steelhead (<i>Oncorhynchus mykiss</i>)	Status	Location in Region
Lower Columbia River	Threatened	Columbia River Gorge National Scenic Area; Gifford Pinchot and Mt. Hood National Forests
Upper Willamette	Threatened	Mt. Hood, Siuslaw, Willamette
Middle Columbia River	Threatened	Deschutes, Gifford Pinchot, Malheur, Mt. Hood, Ochoco, Okanogan-Wenatchee, Umatilla and Wallowa-Whitman National Forests
Upper Columbia River	Threatened	Okanogan-Wenatchee National Forest
Snake River Basin	Threatened	Umatilla and Wallowa-Whitman National Forests
Puget Sound	Threatened	Mt. Baker-Snoqualmie and Olympic National Forests
Bull Trout (<i>Salvelinus confluentus</i>)	Status	Location in Region
Coastal	Threatened	Deschutes, Gifford Pinchot, Mt. Baker-Snoqualmie, Mt. Hood, Ochoco, Olympic and Willamette National Forests
Mid-Columbia	Threatened	Colville, Malheur, Umatilla and Wallowa-Whitman National Forests
Columbia Headwaters	Threatened	Colville and Okanogan-Wenatchee National Forests
Upper Snake	Threatened	Malheur National Forest
Klamath	Threatened	Fremont-Winema National Forest
Suckers	Status	Location in Region
Lost River (<i>Deltistes luxatus</i>) Shortnose (<i>Chasmistes brevirostris</i>) Warner (<i>Catostomus warnerensis</i>)	Endangered	Fremont-Winema National Forest
Eulachon Southern Distinct Population Segment (<i>Thaleichthys pacificus</i>)	Threatened	Mt. Hood National Forest

Table 2. Aquatic sensitive species on National Forest System units of the Pacific Northwest Region

Species Group	Common Name	Scientific Name	Habitat Type
Fish	Chinook Salmon	<i>Oncorhynchus tshawytscha</i>	Aquatic
Fish	Chum Salmon	<i>Oncorhynchus keta</i>	Aquatic
Fish	Steelhead	<i>Oncorhynchus mykiss</i>	Aquatic
Fish	Cutthroat Trout	<i>Oncorhynchus clarkia</i>	Aquatic
Fish	Redband Trout	<i>Oncorhynchus mykiss</i>	Aquatic
Fish	Whitefish	<i>Prosopium coulterii</i>	Aquatic
Fish	Goose lake tui chub	<i>Gila bicolor thalassina</i>	Aquatic
Fish	Lake Chub	<i>Couesius plumbeus</i>	Aquatic
Fish	Oregon chub	<i>Oregonichthys crameri</i>	Aquatic
Fish	Oregon lakes tui chub	<i>Gila bicolor oregonensis</i>	Aquatic
Fish	Umpqua chub	<i>Oregonichthys kalawatseti</i>	Aquatic
Fish	Umatilla dace	<i>Rhinichthys Umatilla</i>	Aquatic
Fish	Olympic mudminnow	<i>Novumbra hubbsi</i>	Aquatic
Fish	Pit Roach	<i>Lavinia symmetricus mitrulus</i>	Aquatic
Fish	Margined Sculpin	<i>Cottus marginatus</i>	Aquatic
Fish	Pit Sculpin	<i>Cottus pitensis</i>	Aquatic
Fish	Goose Lake Sucker	<i>Catostomus occidentalis lacusanserinus</i>	Aquatic
Fish	Goose Lake Lamprey	<i>Entosphenus tridentatus</i> ssp. nov.	Aquatic
Fish	Pacific Lamprey	<i>Entosphenus tridentatus</i>	Aquatic
Mollusk	Western ridged mussel	<i>Gonidea angulata</i>	Aquatic
Mollusk	Montane peaclam	<i>Pisidium ultramontanum</i>	Aquatic
Mollusk	Harney Basin duskysnail	<i>Colligyrus depressus</i>	Aquatic
Mollusk	Rocky Mountain duskysnail	<i>Colligyrus greggi</i>	Aquatic
Mollusk	Shortface lanx	<i>Fisherola nuttalli</i>	Aquatic
Mollusk	Columbia pebblesnail	<i>Fluminicola fuscus</i>	Aquatic
Mollusk	Modoc pebblesnail	<i>Fluminicola modoci</i>	Aquatic
Mollusk	Turban pebblesnail	<i>Fluminicola turbiniformis</i>	Aquatic
Mollusk	Olympia pebblesnail	<i>Fluminicola virens</i>	Aquatic
Mollusk	Great basin ramshorn	<i>Helisoma newberryi</i>	Aquatic
Mollusk	Oregon shoulderband	<i>Helminthoglypta hertleini</i>	Aquatic
Mollusk	Scalloped juga	<i>Juga acutifilosa</i>	Aquatic
Mollusk	Indian ford juga	<i>Juga hemphilli</i> ssp. nov. (indian ford)	Aquatic
Mollusk	A freshwater snail	<i>Juga newberryi</i>	Aquatic
Mollusk	Highcap lanx	<i>Lanx alta</i>	Aquatic
Mollusk	Archimedes springsnail	<i>Pyrgulopsis archimedis</i>	Aquatic
Mollusk	Owyhee hot springsnail	<i>Pyrgulopsis fresti</i>	Aquatic
Mollusk	Crooked Creek springsnail	<i>Pyrgulopsis intermedia</i>	Aquatic
Mollusk	A springsnail	<i>Pyrgulopsis owyheensis</i>	Aquatic
Mollusk	Jackson Lake springsnail	<i>Pyrgulopsis robusta</i>	Aquatic

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Species Group	Common Name	Scientific Name	Habitat Type
Mollusk	A freshwater snail	<i>Taylorconcha insperata</i>	Aquatic
Mollusk	Rams-horn valvata	<i>Valvata mergella</i>	Aquatic
Mollusk	Lined ramshorn	<i>Vorticifex effusus diagonalis</i>	Aquatic
Mollusk	Klamath ramshorn	<i>Vorticifex klamathensis klamathensis</i>	Aquatic
Mollusk	Borax Lake ramshorn	<i>Planorbella oregonensis</i>	Aquatic
Mollusk	Pristine springsnail	<i>Pristinicola hemphilli</i>	Aquatic
Mollusk	Newcomb's littorine snail	<i>Littorina subrotundata</i>	Marine
Mollusk	Robust walker	<i>Pomatiopsis binneyi</i>	Riparian
Mollusk	Pacific walker	<i>Pomatiopsis californica</i>	Riparian
Mollusk	Siskiyou hesperian	<i>Vespericola sierranus</i>	Riparian
Mollusk	Pacific vertigo	<i>Vertigo andrusiana</i>	Riparian, terrestrial
Mollusk	Blue-gray tail-dropper	<i>Prophysaon coeruleum</i>	Riparian, floodplains, margins, seeps
Crustacean	Pocket pouch fairy shrimp	<i>Branchinecta campestris</i>	Aquatic (temporary lakes and ponds)
Macroinvertebrate	Beller's ground beetle	<i>Agonum belleri</i>	Aquatic, sphagnum bogs
Macroinvertebrate	Hairy necked tiger beetle	<i>Cicindela hirticollis couleensis</i>	Riparian, large river beaches
Macroinvertebrate	Siuslaw sand tiger beetle	<i>Cicindela hirticollis siuslawensis</i>	Riparian, ocean beaches at river mouths
Macroinvertebrate	Zigzag darner	<i>Aeshna sitchensis</i>	Aquatic at larvae stage
Macroinvertebrate	Subarctic darner	<i>Aeshna subarctica</i>	Aquatic at larvae stage
Macroinvertebrate	Subarctic bluet	<i>Coenagrion interrogatum</i>	Aquatic at larvae stage
Macroinvertebrate	Columbia clubtail	<i>Gomphus lynnae</i>	Aquatic at larvae stage
Macroinvertebrate	Delicate emerald	<i>Somatochlora franklini</i>	Aquatic at larvae stage
Macroinvertebrate	Whitehouse emerald	<i>Somatochlora whitehousei</i>	Aquatic at larvae stage
Macroinvertebrate	Wahkeena Falls flightless stonefly	<i>Chloealtis aspasma</i>	Aquatic at larvae stage
Macroinvertebrate	Scott's apatanian caddisfly	<i>Nanonemoura wahkeena</i>	Aquatic at larvae stage
Macroinvertebrate	A caddisfly	<i>Allomyia scotti</i>	Aquatic at larvae stage
Macroinvertebrate	Columbia Gorge caddisfly	<i>Farula constricta</i>	Aquatic at larvae stage
Macroinvertebrate	A caddisfly	<i>Neothremma andersoni</i>	Aquatic at larvae stage
Macroinvertebrate	Haddock's rhyacophilan caddisfly	<i>Rhyacophila chandleri</i>	Aquatic at larvae stage
Macroinvertebrate	A caddisfly	<i>Rhyacophila haddocki</i>	Aquatic at larvae stage
Amphibian	Northern leopard frog	<i>Lithobates pipiens</i>	Aquatic
Amphibian	Foothill yellow-legged frog	<i>Rana boylei</i>	Aquatic
Amphibian	Columbia spotted frog	<i>Rana luteiventris</i>	Aquatic
Amphibian	Cascade torrent salamander	<i>Rhyacotriton cascadae</i>	Aquatic
Amphibian	Olympic torrent salamander	<i>Rhyacotriton olympicus</i>	Aquatic
Amphibian	Woodhouse's toad	<i>Anaxyrus woodhousii</i>	Aquatic larvae stage
Amphibian	Cope's giant salamander	<i>Dicamptodon copei</i>	Aquatic larvae stage
Amphibian	Rocky mountain tailed frog	<i>Ascaphus montanus</i>	Aquatic and riparian
Amphibian	Van dyke's salamander	<i>Plethodon vandykei</i>	Riparian, often terrestrial

Species Group	Common Name	Scientific Name	Habitat Type
Amphibian	Black salamander	<i>Aneides flavipunctatus</i>	Some riparian use
Amphibian	Western pond turtle	<i>Actinemys marmorata</i>	Aquatic
Amphibian	Painted turtle	<i>Chrysemys picta</i>	Aquatic

Table 3. Management indicator fish species on National Forest System units of the Pacific Northwest Region

Species	Designating Forest	Habitat Indicator
Salmonids	Columbia River Gorge National Scenic Area Mt. Hood National Forest Gifford Pinchot National Forest	Aquatic
Steelhead	Umpqua National Forest Malheur National Forest Wallowa-Whitman National Forest Umatilla National Forest Ochoco National Forest Gifford Pinchot National Forest	1. Anadromous and Riparian 2. Anadromous and Riparian 3. Riparian and Aquatic 4. Riparian and Aquatic 5. Riparian and Aquatic 6. Riparian and Aquatic
Bull Trout	1. Malheur National Forest 2. Gifford Pinchot National Forest	1. Non-anadromous and riparian 2. Cold water
Cutthroat trout	1. Umpqua National Forest 2. Malheur National Forest 3. Gifford Pinchot National Forest	1. Non-anadromous and riparian 2. Non-anadromous and riparian 3. Non-anadromous and riparian
Rainbow/redband trout	1. Umpqua National Forest 2. Malheur National Forest 3. Wallowa National Forest 4. Umatilla National Forest 5. Ochoco National Forest	1. Non-anadromous and riparian 2. Non-anadromous and riparian 3. Riparian and aquatic 4. Riparian and aquatic 5. Riparian and aquatic
Trout	Colville National Forest	Stream, lake, and pond habitats
Brook trout	Ochoco National Forest	Aquatic

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