

Appendix B. Letters Concerning Threatened & Endangered Species

From: "Scott Hoefer" <Scott.Hoefer@noaa.gov>
Date: November 9, 2006 12:59:10 PM PST
To: bbai@oda.state.or.us
Subject: Bend Gypsy Moth Treatment Area

Hi Barry,

I recently received your letter regarding the presence of endangered species in the Bend gypsy moth treatment area. I wanted to let you know that there are no anadromous ESA-listed fish in or near the proposed Bend treatment area. However, there may be ESA-listed species under the purview of the US Fish and Wildlife Service in the area, so I recommend also contacting Nancy Gilbert, Bend Field Office Supervisor, at 20310 Empire Ave, Ste A-100, Bend, OR 97701-5723. If you have further questions, feel free to contact me at 509-962-8911 x 225.

Thank You,
Scott Hoefer
NMFS Fishery Biologist

From: "Meinke Robert J" <rmeinke@oda.state.or.us>
Date: November 7, 2006 1:54:41 PM PST
To: Kathleen Johnson <kjohnson@oda.state.or.us>
Cc: Barry B Bai <bbai@oda.state.or.us>, NELSON_Mitch NELSON_Mitch <mitchell.g.nelson@aphis.usda.gov>, David BRIDGWATER_Dave <dbridgwater@fs.fed.us>, HITCHCOX_Mark HITCHCOX_Mark <Mark.E.Hitchcox@aphis.usda.gov>
Subject: Re: T & E plant species evaluation for possible AGM eradication site 2007

Hi Kathleen,

There are no listed plants in these areas. Thanks for checking with us.

Bob

On Tue, 7 Nov 2006 10:00:19 -0800

Kathleen Johnson <kjohnson@oda.state.or.us> wrote:

Bob,

Thanks for being willing to evaluate our St. Helens and Bend gypsy moth eradication sites for the presence of T & E (and candidate) plant species in the area. A brief description of the St. Helens site follows:

St. Helens, Columbia County: T4N R1W Sec. 4, 5, 6, 7, 8 and 9 (centered around the positive Asian gypsy moth catch at the end of the Fir Way Lane off the Hwy 30, see the enclosed map for proposed eradication area); suburban residential properties and commercial/ shopping/industrial areas along Hwy 30, totaling about 640 acres.

Proposed treatments are three applications of B.t.k. (*Bacillus thuringiensis kurstoki*) by air in late April through mid May, 2007 to the proposed eradication area. It is likely that a small buffer area surrounding the eradication area will receive some B.t.k. but in quantities much less than inside the eradication area. The eventual proposed eradication area is not expected to be larger than that shown on the attached map. We provided this information to and began consultation with US F&W last week.

Please let me know if you have any questions. Barry and I look forward to your evaluation of these areas.
Kathleen



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Oregon Fish and Wildlife Office
2600 SE 98th Avenue, Suite 100
Portland, Oregon 97266

Phone: (503)231-6179 FAX: (503)231-6195

Reply To: 8330.SP11(07)

November 7, 2006

Barry Bai
Oregon Department of Agriculture
635 Capitol Street, NE
Salem, OR 97301-2532

Subject: European Gypsy Moth Erradication Project
USFWS Reference # 9ECA73E22A1A1D3A8825721F007729AD

Dear Dr. Barry Bai:

This is in response to your request, dated November 7, 2006, requesting information on listed and proposed endangered and threatened species that may be present within the area of the European Gypsy Moth Erradication Project in Columbia, Deschutes County(s). The Fish and Wildlife Service (Service) received your correspondence on November 7, 2006.

We have attached a list (Enclosure A) of threatened and endangered species that may occur within the area of the European Gypsy Moth Erradication Project. The list fulfills the requirement of the Service under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). Oregon Department of Agriculture requirements under the Act are outlined in Enclosure B.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems on which they depend may be conserved. Under section 7(a)(1) and 7(a)(2) of the Act and pursuant to 50 CFR 402 *et seq.*, the Oregon Department of Agriculture is required to utilize their authorities to carry out programs which further species conservation and to determine whether projects may affect threatened and endangered species, and/or critical habitat. A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) which are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (NEPA) (42 U.S.C. 4332 (2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to the Biological Assessment be prepared to determine whether they may affect listed and proposed species. Recommended contents of a Biological Assessment are described in Enclosure B, as well as 50 CFR 402.12.

If the Oregon Department of Agriculture determines, based on the Biological Assessment or evaluation, that threatened and endangered species and/or critical habitat may be affected by the project, the Oregon Department of Agriculture is required to consult with the Service following the requirements of 50 CFR 402 which implement the Act.

Enclosure A includes a list of candidate species under review for listing. The list reflects changes to the candidate species list published May 11, 2005, in the Federal Register (Vol. 69, No. 86, 24876) and the addition of "species of concern." Candidate species have no protection under the Act but are included for consideration as it is possible candidates could be listed prior

to project completion. Species of concern are those taxa whose conservation status is of concern to the Service (many previously known as Category 2 candidates), but for which further information is still needed.

If a proposed project may affect only candidate species or species of concern, the Oregon Department of Agriculture is not required to perform a Biological Assessment or evaluation or consult with the Service. However, the Service recommends minimizing impacts to these species to the extent possible in order to prevent potential future conflicts. Therefore, if early evaluation of the project indicates that it is likely to adversely impact a candidate species or species of concern, the Oregon Department of Agriculture may wish to request technical assistance from this office.

Your interest in endangered species is appreciated. The Service encourages the Oregon Department of Agriculture to investigate opportunities for incorporating conservation of threatened and endangered species into project planning processes as a means of complying with the Act. If you have questions regarding your responsibilities under the Act, please contact Kevin Maurice at (503) 231-6179. All correspondence should include the above referenced file number. For questions regarding salmon and steelhead trout, please contact NOAA Fisheries Service, 525 NE Oregon Street, Suite 500, Portland, Oregon 97232, (503) 230-5400.

For future species list requests, please visit our website (http://www.fws.gov/pacific/oregonfwo/EndSpp/EndSpp_SpLstReq.html) for instructions on how to make requests.

Enclosures

EnclosureA: Columbia.PDF, Deschutes COUNTY.PDF

EnclosureB: EnclosureB_Federal_Agencies_Responsibilities.PDF

FEDERALLY LISTED THREATENED, ENDANGERED, PROPOSED, CANDIDATE SPECIES AND SPECIES OF CONCERN WHICH MAY OCCUR WITHIN COLUMBIA COUNTY, OREGON

LISTED SPECIES^{1/}Mammals

Columbian white-tailed deer	<i>Odocoileus virginianus leucurus</i>	E
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Birds

Bald eagle ^{2/}	<i>Haliaeetus leucocephalus</i>	T
Northern spotted owl ^{3/}	<i>Strix occidentalis caurina</i>	CH T

Fish

Chum salmon (Columbia River) ^{4/}	<i>Oncorhynchus keta</i>	T*
Coho salmon (Lower Columbia River) ^{5/}	<i>Oncorhynchus kisutch</i>	T*
Steelhead (Lower Columbia River) ^{6/}	<i>Oncorhynchus mykiss</i> ssp.	T*
Steelhead (Snake River Basin) ^{7/}	<i>Oncorhynchus mykiss</i> ssp.	T*
Steelhead (Middle Columbia River) ^{8/}	<i>Oncorhynchus mykiss</i> ssp.	T*
Steelhead (Upper Columbia River) ^{9/}	<i>Oncorhynchus mykiss</i> ssp.	E*
Steelhead (Upper Willamette River) ^{10/}	<i>Oncorhynchus mykiss</i> ssp.	T*
Sockeye salmon (Snake River) ^{11/}	<i>Oncorhynchus nerka</i>	CH E*
Chinook salmon (Lower Columbia River) ^{12/}	<i>Oncorhynchus tshawytscha</i>	T*
Chinook salmon (Upper Columbia River) ^{13/}	<i>Oncorhynchus tshawytscha</i>	E*
Chinook salmon (Upper Willamette River) ^{14/}	<i>Oncorhynchus tshawytscha</i>	T*
Chinook salmon (Snake River) ^{15/}	<i>Oncorhynchus tshawytscha</i>	CH T*

Plants

Golden Indian paintbrush ^{16/}	<i>Castilleja levisecta</i>	T
Howellia	<i>Howellia aquatilis</i>	T
Bradshaw's lomatium	<i>Lomatium bradshawii</i>	E
Kincaid's lupine ^{17/}	<i>Lupinus sulphureus</i> var. <i>kincaidii</i>	T
Nelson's checker-mallow	<i>Sidalcea nelsoniana</i>	T

PROPOSED SPECIES

None

CANDIDATE SPECIES^{18/}Birds

Yellow-billed cuckoo	<i>Coccyzus americanus</i>
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Amphibians and Reptiles

Oregon spotted frog	<i>Rana pretiosa</i>
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SPECIES OF CONCERNMammals

White-footed vole	<i>Arborimus albipes</i>
Pacific western big-eared bat	<i>Corynorhinus townsendii townsendii</i>
Silver-haired bat	<i>Lasionycteris noctivagans</i>
Long-eared myotis (bat)	<i>Myotis evotis</i>
Fringed myotis (bat)	<i>Myotis thysanodes</i>
Long-legged myotis (bat)	<i>Myotis volans</i>

Yuma myotis (bat)
Camas pocket gopher

Myotis yumanensis
Thomomys bulbivorus

Birds

Band-tailed pigeon
Olive-sided flycatcher
Yellow-breasted chat
Lewis' woodpecker
Mountain quail
Oregon vesper sparrow
Purple martin

Columba fasciata
Contopus cooperi
Icteria virens
Melanerpes lewis
Oreortyx pictus
Pooecetes gramineus affinis
Progne subis

Amphibians and Reptiles

Tailed frog
Northwestern pond turtle
Northern red-legged frog

Ascaphus truei
Emys marmorata marmorata
Rana aurora aurora

Fishes

Green sturgeon
River lamprey
Pacific lamprey
Coastal cutthroat trout (Lower Columbia R.)
Coastal cutthroat trout (Oregon Coast)
Coastal cutthroat trout (Upper Willamette)
Steelhead (Oregon Coast)

Acipenser medirostris
Lampetra ayresi
Lampetra tridentata
Oncorhynchus clarki clarki
Oncorhynchus clarki clarki
Oncorhynchus clarki clarki
Oncorhynchus mykiss ssp.

*

Plants

Pale larkspur
Willamette Valley larkspur
Oregon sullivania

Delphinium leucophaeum
Delphinium oregonum
Sullivantia oregana

(E) - Listed Endangered

(T) - Listed Threatened

(CH) - Critical Habitat has been designated for this species

(PE) - Proposed Endangered

(PT) - Proposed Threatened

(PCH) - Critical Habitat has been proposed for this species

Species of Concern - Taxa whose conservation status is of concern to the Service (many previously known as Category 2 candidates), but for which further information is still needed.

* Consultation with NOAA's National Marine Fisheries Service may be required.

^{1/} U.S. Department of Interior, Fish and Wildlife Service, October 31, 2000, *Endangered and Threatened Wildlife and Plants*, 50 CFR 17.11 and 17.12

^{2/} Federal Register Vol. 60, No. 133, July 12, 1995, - Final Rule - Bald Eagle

^{3/} Federal Register Vol. 57, No. 10, January 15, 1992, Final Rule - Critical Habitat for the Northern Spotted Owl

^{4/} Federal Register Vol. 64, No. 57, March 25, 1999, Final Rule - Columbia River Chum Salmon

^{5/} Federal Register Vol. 60, No. 142, July 25, 1995, Proposed Rule - Threatened Status for Three Contiguous ESUs of Coho Salmon

^{6/} Federal Register Vol. 63, No. 53, March 19, 1998, Final Rule - West Coast Steelhead

^{7/} Federal Register Vol. 62, No. 159, August 18, 1997, Final Rule - Snake River Steelhead

^{8/} Federal Register Vol. 64, No. 57, March 25, 1999, Final Rule - Middle Columbia and Upper Willamette River Steelhead

^{9/} Federal Register Vol. 62, No. 159, August 18, 1997, Final Rule - Upper Columbia River Steelhead

^{10/} Federal Register Vol. 64, No. 57, March 25, 1999, Final Rule - Middle Columbia and Upper Willamette River Steelhead

^{11/} Federal Register Vol. 56, No. 224, November 20, 1991, Final Rule - Snake River Sockeye Salmon

^{12/} Federal Register Vol. 64, No. 56, March 24, 1999, Final Rule - West Coast Chinook Salmon

^{13/} Federal Register Vol. 64, No. 56, March 24, 1999, Final Rule - West Coast Chinook Salmon

^{14/} Federal Register Vol. 64, No. 56, March 24, 1999, Final Rule - West Coast Chinook Salmon

^{15/} Federal Register Vol. 57, No. 78, April 22, 1992, Final Rule - Snake River Chinook Salmon

^{16/} Federal Register Vol. 62, No. 112, June 11, 1997, Final Rule - *Castilleja levisecta*

^{17/} *Federal Register Vol. 65, No. 16, January 25, 2000, Final Rule - Erigeron decumbens var. decumbens, Lupinus sulphureus ssp. kincaidii, and Fender's blue butterfly*

^{18/} *Federal Register Vol. 69, No. 86, May 4, 2004, Notice of Review - Candidate or Proposed Animals and Plants*

FEDERALLY LISTED THREATENED, ENDANGERED, PROPOSED, CANDIDATE SPECIES AND SPECIES OF CONCERN WHICH MAY OCCUR WITHIN DESCHUTES COUNTY, OREGON

LISTED SPECIES^{1/}Mammals

Canada lynx ^{2/}	<i>Felis lynx canadensis</i>	T
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Birds

Bald eagle ^{3/}	<i>Haliaeetus leucocephalus</i>	T
Northern spotted owl ^{4/}	<i>Strix occidentalis caurina</i>	CH T

Fish

Bull trout (Columbia River Basin) ^{5/}	<i>Salvelinus confluentus</i>	CH T
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PROPOSED SPECIES

None

CANDIDATE SPECIES^{6/}Mammals

Pacific fisher ^{7/}	<i>Martes pennanti pacifica</i>	
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Birds

Yellow-billed cuckoo	<i>Coccyzus americanus</i>	
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Amphibians and Reptiles

Oregon spotted frog	<i>Rana pretiosa</i>	
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SPECIES OF CONCERNMammals

Pygmy rabbit	<i>Brachylagus idahoensis</i>
Pale western big-eared bat	<i>Corynorhinus townsendii pallescens</i>
California wolverine	<i>Gulo gulo luteus</i>
Silver-haired bat	<i>Lasionycteris noctivagans</i>
Small-footed myotis (bat)	<i>Myotis ciliolabrum</i>
Long-eared myotis (bat)	<i>Myotis evotis</i>
Long-legged myotis (bat)	<i>Myotis volans</i>
Yuma myotis (bat)	<i>Myotis yumanensis</i>
California bighorn	<i>Ovis canadensis californiana</i>
Preble's shrew	<i>Sorex preblei</i>

Birds

Northern goshawk	<i>Accipiter gentilis</i>
Western burrowing owl	<i>Athene cunicularia hypugea</i>
Ferruginous hawk	<i>Buteo regalis</i>
Greater sage-grouse	<i>Centrocercus urophasianus</i>
Black tern	<i>Chlidonias niger</i>
Olive-sided flycatcher	<i>Contopus cooperi</i>
Willow flycatcher	<i>Empidonax trailli adastus</i>
Harlequin duck	<i>Histrionicus histrionicus</i>
Yellow-breasted chat	<i>Icteria virens</i>

Lewis' woodpecker
Mountain quail
White-headed woodpecker

Melanerpes lewis
Oreortyx pictus
Picoides albolarvatus

Amphibians and Reptiles

Tailed frog
Oregon slender salamander
Cascades frog
Northern sagebrush lizard

Ascaphus truei
Batrachoseps wrighti
Rana cascadae
Sceloporus graciosus graciosus

Fishes

Pacific lamprey
Interior redband trout

Lampetra tridentata
Oncorhynchus mykiss gibbsi

Plants

Estes' artemisia
Cliff paintbrush
Cusick's erigonum
Disappearing monkeyflower
Little mousetail
Peck's penstemon
Howell's thelypodium

Artemisia ludoviciana ssp. *estesii*
Castilleja rupicola
Eriogonum cusickii
Mimulus evanescens
Myosurus minimus ssp. *apus* (= var. *sessiliflorus*)
Penstemon peckii
Thelypodium howellii ssp. *howellii*

(E) - Listed Endangered

(T) - Listed Threatened

(CH) - Critical Habitat has been designated for this species

(PE) - Proposed Endangered

(PT) - Proposed Threatened

(PCH) - Critical Habitat has been proposed for this species

Species of Concern - Taxa whose conservation status is of concern to the Service (many previously known as Category 2 candidates), but for which further information is still needed.

* Consultation with NOAA's National Marine Fisheries Service may be required.

^{1/} U.S. Department of Interior, Fish and Wildlife Service, October 31, 2000, Endangered and Threatened Wildlife and Plants, 50 CFR 17.11 and 17.12

^{2/} Federal Register Vol. 65, No. 58, Mar 24, 2000, Final Rule - Canada lynx

^{3/} Federal Register Vol. 60, No. 133, July 12, 1995, - Final Rule - Bald Eagle

^{4/} Federal Register Vol. 57, No. 10, January 15, 1992, Final Rule - Critical Habitat for the Northern Spotted Owl

^{5/} Federal Register Vol. 63, No. 111, June 10, 1998, Final Rule - Columbia River and Klamath River Bull Trout

^{6/} Federal Register Vol. 69, No. 86, May 4, 2004, Notice of Review - Candidate or Proposed Animals and Plants

^{7/} Federal Register Vol. 69, No. 68, April 8, 2004, 12-Month Finding for a Petition to List the West Coast Distinct Population Segment of the Fisher

FEDERAL AGENCIES RESPONSIBILITIES UNDER SECTION 7(a) and (c)
OF THE ENDANGERED SPECIES ACT

SECTION 7(a)-Consultation/Conference

Requires: 1) Federal agencies to utilize their authorities to carry out programs to conserve endangered and threatened species;

2) Consultation with FWS when a Federal action may affect a listed endangered or Threatened species to insure that any action authorized, funded or carried out by a Federal agency is not likely to jeopardize the continued existence of listed species or result in the destruction or adverse modification of Critical Habitat. The process is initiated by the Federal agency after they have determined if their action may affect (adversely or beneficially) a listed species; and

3) Conference with FWS when a Federal action is likely to jeopardize the continued existence of a proposed species or result in destruction or adverse modification of proposed Critical Habitat.

SECTION 7(c)-Biological Assessment for Major Construction Projects¹

Requires Federal agencies or their designees to prepare a Biological Assessment (BA) for construction projects only. The purpose of the BA is to identify proposed and/or listed species which are/is likely to be affected by a construction project. The process is initiated by a Federal agency in requesting a list of proposed and listed threatened and endangered species (list attached). The BA should be completed within 180 days after its initiation (or within such a time period as is mutually agreeable). If the BA is not initiated within 90 days of receipt of the species list, the accuracy of the species list should be informally verified with our Service. No irreversible commitment of resources is to be made during the BA process which would foreclose reasonable and prudent alternatives to protect endangered species. Planning, design, and administrative actions may be taken; however, no construction may begin.

To complete the BA, your agency or its designee should: (1) conduct an on-site inspection of the area to be affected by the proposal which may include a detailed survey of the area to determine if any species are present and whether suitable habitat exists for either expanding existing populations or for potential reintroduction of species; (2) review literature and scientific data to determine species distribution(s), habitat needs, and other biological requirements; (3) interview experts including those within FWS, National Marine Fisheries Service, State conservation departments, universities, and others who may have data not yet published in scientific literature; (4) review and analyze the effects of the proposal on the species present in terms of effects to individuals and populations, including consideration of cumulative effects to the species and habitat; (5) analyze alternative actions that may provide conservation measures and (6) prepare a report documenting the results, including a discussion of study methods used, any problems encountered, and other relevant information. The BA should conclude whether or not any listed species will be affected. Upon completion, the report should be forwarded to our Portland Office at 2600 SE 98th Ave., Suite 100, Portland, Oregon, 97266.

¹A construction project (or other undertaking having similar physical impacts) which is a major Federal action significantly affecting the quality of the human environment as referred to in NEPA (42 U.S.C. 4332. (2)c). On projects other than construction, it is suggested that a biological evaluation similar to the biological assessment be undertaken to conserve species influenced by the Endangered Species Act.

OREGON NATURAL HERITAGE INFORMATION CENTER



December 1, 2006

Institute for Natural Resources
1322 SE Morrison Street
Portland, Oregon 97214-2423
503.731.3070
<http://oregonstate.edu/ornhic>

Barry Bai, Ph.D.
Oregon Department of Agriculture
635 Capitol Street NE
Salem, OR 97301-2532

Dear Dr. Bai:

Thank you for requesting information from the Oregon Natural Heritage Information Center (ORNHC). We have conducted a data system search for rare, threatened and endangered plant and animal records for your 2007 Gypsy Moth Eradication Project sites in Township 17 South, Range 12 East, and Township 4 North, Range 1 West, W.M.

Thirty-seven (37) records total were noted within a two-mile radius of your project sites, and are included on the enclosed computer printouts. A key to the fields is also included.

Please remember that the lack of rare element information from a given area does not mean that there are no significant elements there, only that there is no information known to us from the site. To assure that there are no important elements present, you should inventory the site, at the appropriate season.

This data is confidential and for the specific purposes of your project and is **not to be distributed**.

If you need additional information or have any questions, please do not hesitate to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Cliff Alton", with a long horizontal flourish extending to the right.

Cliff Alton
Conservation Information Assistant

encl.: invoice (H-120106-CWA1)
computer printouts and data key

Scientific Name: *Haliaeetus leucocephalus*Common Name: **Bald eagle**

Federal Status: LT,PDL

GRANK: G5

NHP List: 4

Category: Vertebrate Animal

State Status: LT

SRANK: S4B,S4N

HP Track: Y

ELCODE: ABNKC10010

EO ID: 12674

First Obs: 1983

Last Obs: 1983

Confirmed: Y

Directions: TUMALO STATE PARK, ALONG THE BANKS AND BLUFFS OF THE DESCHUTES RIVER, ABOUT 5.5 MILES NORTHWEST OF BEND OFF OF US HWY 20.

County Name

Deschutes

Ecoregion

BM

Source Feature [Uncertainty Type (Distance)]

Point [Areal - Estimated (1500 m)]

Town-Range Sec Note

017S012E 07

QuadCode QuadName

44121-A3 Bend

Watershed

1707030104 - UPPER DESCHUTES

1707030105 - TUMALO CREEK

Owner Name/Type

TUMALO STATE PARK

Owner CommentsManaged Area Name

TUMALO STATE PARK

DESCHUTES RIVER STATE SCENIC WATERWAY

EO Type: WINTER ROOST

Minimum Elev.(m): 1006

Annual Observations

EO Data: BALD EAGLES REPORTEDLY USE THE RIPARIAN AREAS OF TUMALO STATE PARK DURING THE WINTER MONTHS FOR FEEDING AND ROOSTING.

EO Comments: RIPARIAN AREAS ALONG THE DESCHUTES RIVER.

Protection:

Management:

General:

Scientific Name: *Melanerpes lewis*Common Name: **Lewis's woodpecker**

Federal Status: SOC

GRANK: G4

NHP List: 2

Category: Vertebrate Animal

State Status: SC

SRANK: S2S3B

HP Track: Y

ELCODE: ABNYF04010

EO ID: 19117

First Obs: 1983

Last Obs: 1983

Confirmed:

Directions: NEAR BEND

County Name

Deschutes

Ecoregion

BM

EC

Source Feature [Uncertainty Type (Distance)]

Point [Areal - Estimated (4000 m)]

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
017S012E	20		44121-A3	Bend	1707030104 - UPPER DESCHUTES
017S011E	24				1707030105 - TUMALO CREEK
017S012E	17				
018S012E	10				
018S012E	08				
018S011E	12				
018S012E	02				
018S012E	04				
018S012E	06				
017S012E	35				
017S012E	33				
017S011E	36				
017S012E	27				
017S012E	29				
017S011E	25				
017S012E	21				
017S012E	22				
017S012E	30				
017S012E	28				
017S012E	26				
017S012E	31				
017S012E	32				
017S012E	34				
018S011E	01				
018S012E	05				
018S012E	03				
018S012E	07				
018S012E	09				
017S012E	16				
017S012E	19				

Owner Name/Type Owner Comments Managed Area Name

EO Type: Minimum Elev.(m): 1097 Annual Observations

EO Data: NESTING RECORD FOR LEWIS' WOODPECKER
REPORTED FOR 1983, OBSERVER NOT IDENTIFIED.

EO Comments:

Protection:

Management:

General:

Scientific Name: ***Salvelinus confluentus pop. 2***

Common Name: **Bull trout (Columbia River population)**

Federal Status: LT GRANK: G3T2Q

NHP List: 1

Category: Vertebrate Animal

State Status: SC SRANK: S2

HP Track: Y

ELCODE: AFCHA05023

EO ID: 25179

First Obs:

Last Obs: 1990-PRE

Confirmed:

Directions: DESCHUTES RIVER & TRIBUTARIES

County Name

Ecoregion

Source Feature [Uncertainty Type (Distance)]

Deschutes

BM

Data currently not available.

EC

WC

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
020S011E	18		43121-F5	La Pine	1707030103 - UPPER THREE CREEK
021S007E	12		43121-F6	Wickiup Dam	1707030104 - UPPER DESCHUTES
021S008E	34		43121-F7	Davis Mountain	1707030106 - LOWER DESCHUTES
020S010E	31		43121-G4	Anns Butte	1707030107 - UPPER DESCHUTES
020S008E	16		43121-G5	Pistol Butte	1707030108 - MIDDLE DESCHUTES
021S010E	02		43121-G6	Round Mountain	1707030109 - UPPER DESCHUTES
020S008E	10		43121-G7	Crane Prairie Reservoir	
020S007E	36		43121-H4	Benham Falls	
021S010E	04		43121-H7	Elk Lake	
020S008E	28		44121-A3	Bend	
021S009E	01		44121-A4	Shevlin Park	
021S009E	02		44121-B2	Forked Horn Butte	
020S008E	31		44121-B3	Tumalo	
020S011E	06		44121-C2	Redmond	
020S008E	04		44121-C3	Cline Falls	
021S007E	01				
021S008E	20				
021S010E	18				
021S008E	06				
021S008E	21				
021S009E	23				
021S009E	24				
021S008E	29				
021S008E	28				
021S009E	27				
021S009E	26				
021S008E	36				
021S008E	35				
021S010E	03				
020S008E	33				
020S009E	36				
021S009E	34				
022S008E	01				
022S009E	06				
020S010E	23				
022S008E	03				
022S008E	04				
021S009E	13				
021S009E	14				
021S008E	05				
021S008E	16				
021S008E	17				
021S008E	04				
020S008E	32				
020S008E	29				
021S008E	18				
022S008E	17				
022S008E	18				
021S007E	13				
020S010E	35				
022S009E	09				
022S008E	15				
022S008E	14				
022S008E	16				
022S008E	13				
022S009E	18				
022S009E	17				
022S008E	19				
022S008E	23				
022S008E	24				
022S009E	19				
022S009E	20				

022S008E	25
022S009E	30
019S008E	22
019S011E	20
019S011E	30
019S008E	33
019S011E	31
020S008E	03
020S008E	09
020S011E	07
020S008E	15
022S009E	08
021S010E	10
022S008E	10
022S008E	09
021S010E	09
020S010E	34
020S008E	34
020S010E	13
022S008E	11
022S008E	08
021S010E	08
021S008E	33
022S009E	07
022S008E	12
021S010E	07
021S009E	33
020S010E	33
022S008E	07
022S009E	04
021S009E	11
014S012E	35
021S008E	07
022S008E	02
020S008E	27
014S012E	26
021S008E	08
014S012E	11
014S012E	15
022S009E	05
014S012E	23
014S012E	14
022S008E	05
014S012E	36
015S012E	01
015S012E	11
015S012E	12
015S012E	14
015S012E	13
015S012E	24
015S012E	26
015S012E	25
015S012E	35
015S012E	36
016S012E	03
016S012E	02
016S012E	09
016S012E	10
016S012E	17
016S012E	16
016S012E	20
016S012E	30
016S012E	29
016S012E	31

017S012E 06
 017S012E 07
 017S012E 18
 017S012E 17
 017S012E 19
 017S012E 20
 017S012E 29
 017S012E 31
 017S012E 32
 018S012E 06
 018S012E 05
 018S011E 12
 018S012E 07
 018S011E 14
 018S011E 13
 018S011E 22
 018S011E 23
 018S011E 28
 018S011E 27
 018S011E 33
 018S011E 34
 019S011E 04
 019S011E 08
 019S011E 09
 019S008E 16
 019S011E 18
 019S011E 17
 019S011E 16
 019S008E 21
 021S009E 10
 019S011E 19
 020S010E 32
 019S008E 27
 020S010E 26
 019S011E 29
 020S010E 24
 019S008E 34
 020S008E 21

Owner Name/TypeOwner CommentsManaged Area NameEO Type: Minimum Elev.(m): Annual ObservationsEO Data: ODFW BULL TROUT DISTRIBUTION MAPS USED TO
CREATE THE 1:24,000 COVERAGE.

EO Comments:

Protection:

Management:

General: DISTRIBUTION INFORMATION USED IN THE EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 2001. THE ODFW BULL TROUT DISTRIBUTION WAS BASED ON SUMMER/FALL PRESENCE. WINTER DISTRIBUTION COULD VARY SIGNIFICANTLY. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY STATE, FEDERAL AND TRIBAL FISHERY BIOLOGISTS; THE PRESENCE OF BULL TROUT IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Ochrotrichia alsea***Common Name: **Aalsea ochrotrichian micro caddisfly**

Federal Status: GRANK: G3

NHP List:

Category: Invertebrate Animal

State Status: SRANK: S2?

HP Track: N

ELCODE: IITRI41030

EO ID: 16421

First Obs: 1961

Last Obs: 1961-07

Confirmed:

Directions: TUMALO STATE PARK

County NameEcoregionSource Feature [Uncertainty Type (Distance)]

Deschutes

BM

Point [Areal - Estimated (1500 m)]

Town-Range Sec NoteQuadCode QuadNameWatershed

017S012E 07

44121-A3 Bend

1707030104 - UPPER DESCHUTES

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
STATE		TUMALO STATE PARK
EO Type:	Minimum Elev.(m): 1006	<u>Annual Observations</u>
EO Data:	HOLOTYPE FOR THIS SPECIES; REPORTED JULY 1961	
EO Comments:		
Protection:		
Management:		
General:		

Scientific Name: ***Artemisia ludoviciana ssp. estesii***Common Name: **Estes' artemisia**

Federal Status: SOC

GRANK: G5T2

NHP List: 1

Category: Vascular Plant

State Status:

SRANK: S2

HP Track: Y

ELCODE: PDAST0S0Y8

EO ID: 6293

First Obs: 1977

Last Obs: 1986-10-03

Confirmed:

Directions: TUMALO

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Deschutes	BM	Point [Areal - Estimated (200 m)]
<u>Town-Range</u> <u>Sec</u> <u>Note</u>	<u>QuadCode</u> <u>QuadName</u>	<u>Watershed</u>
016S012E 31	44121-B3 Tumalo	1707030104 - UPPER DESCHUTES

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
FEDERAL		BEND RANGER DISTRICT DESCHUTES NATIONAL FOREST
EO Type:	Minimum Elev.(m): 1585	<u>Annual Observations</u>
EO Data:		
EO Comments:		
Protection:		
Management:		
General:	1986 (10-3) BLM sighting report, Ron Halvorson reporter (this site was noted on the form for another location). 1979 BLM PRINEVILLE AND BROTHERS EIS AREA REPORT; HELLER, MARKA [This report states the location as "Tumalo Falls" but the area of "Tumalo" makes more sense].	

Scientific Name: ***Thelypodium howellii ssp. howellii***Common Name: **Howell's thelypody**

Federal Status: SOC

GRANK: G2T2

NHP List: 2-ex

Category: Vascular Plant

State Status:

SRANK: SH

HP Track: Y

ELCODE: PDBRA2N051

EO ID: 3162

First Obs: 1894-07-16

Last Obs: 1894-07-16

Confirmed:

Directions: "FAREWELL BEND, CROOK CO." [THIS IS THE CITY OF BEND IN WHAT IS NOW DESCHUTES CO.]

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Deschutes	BM EC	Point [Areal - Estimated (4000 m)]

Scientific Name: ***Rana aurora aurora***Common Name: **Northern red-legged frog**

Federal Status: SOC GRANK: G4T4

NHP List: 4

Category: Vertebrate Animal

State Status: SV/SU SRANK: S3S4

HP Track: N

ELCODE: AAABH01021

EO ID: 2469 First Obs: 1995

Last Obs: 1996-10-02

Confirmed:

Directions: SAUVIE ISLAND; SOUTH OF HENRICI LAKE.

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Columbia	WV	Point [Areal - Estimated (400 m)]
<u>Town-Range</u> <u>Sec</u> <u>Note</u>	<u>QuadCode</u> <u>QuadName</u>	<u>Watershed</u>
004N001W 22	45122-G7 Saint Helens	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
STATE		SAUVIE ISLAND WMA
EO Type:	Minimum Elev.(m): 3	<u>Annual Observations</u>
EO Data: 1996: 1 ADULT AND SEVERAL OTHERS. 1995: 1-2 FROGS.		
EO Comments: NEAR WATER IN WETLAND BUFFER AREA WITH PALUSTRINE EMERGENT VEGETATION AND PALUSTRINE SCRUB-SHRUB.		
Protection:		
Management:		
General: OBSERVER: PRISCILLA TITUS		

Scientific Name: ***Haliaeetus leucocephalus***Common Name: **Bald eagle**

Federal Status: LT,PDL GRANK: G5

NHP List: 4

Category: Vertebrate Animal

State Status: LT SRANK: S4B,S4N

HP Track: Y

ELCODE: ABNKC10010

EO ID: 1281 First Obs: 1999

Last Obs: 2003

Confirmed:

Directions: Freytag, approx. 1mi. of Columbia City.

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
		Point [Areal - Estimated (50 m)]
<u>Town-Range</u> <u>Sec</u> <u>Note</u>	<u>QuadCode</u> <u>QuadName</u>	<u>Watershed</u>
	45122-H7 Deer Island	
<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
PRIVATE		
EO Type: BREEDING SITE	Minimum Elev.(m): 91	<u>Annual Observations</u>
EO Data: See annual observations.		<ul style="list-style-type: none"> • 2003 - nesting failure • 2002 - 2 fledged • 2001 - 2 fledged • 2000 - 1 FLEDGED • 1999 - 1 FLEDGED
EO Comments:		
Protection:		
Management:		
General: Isaacs and Anthony nest 871. Territory includes nest 339-2 in Washington. 2003: nest 871 no longer exists.		

Scientific Name: ***Haliaeetus leucocephalus***Common Name: **Bald eagle**

Federal Status: LT,PDL GRANK: G5

NHP List: 4

Category: Vertebrate Animal

State Status: LT SRANK: S4B,S4N

HP Track: Y

ELCODE: ABNKC10010

EO ID: 12451 First Obs: 1991

Last Obs: 2003

Confirmed:

Directions: E. of Scappoose Bay, near Bryce Lake.

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Columbia	WV	Point [Areal - Estimated (50 m)]
<u>Town-Range</u> <u>Sec</u> <u>Note</u>	<u>QuadCode</u> <u>QuadName</u>	<u>Watershed</u>
004N001W 20	45122-G7 Saint Helens	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
STATE, CITY		SAUVIE ISLAND WMA

EO Type: BREEDING SITE Minimum Elev.(m): 3
 EO Data: See annual observations.

- Annual Observations
- 2003 - 1 fledged
 - 2002 - 2 fledged
 - 2001 - 1 fledged
 - 2000 - BREEDING FAILURE
 - 1999 - 2 FLEDGED
 - 1998 - 2 FLEDGED
 - 1996 - EAGLES OBSERVED
 - 1995 - EAGLES OBSERVED
 - 1994 - UNOCCUPIED
 - 1993 - BREEDING FAILURE
 - 1992 - 1 FLEDGED
 - 1991 - 2 FLEDGED

EO Comments:
 Protection:
 Management:
 General: Isaacs and Anthony nest 132, 803. Nest 132 no longer exists.

Scientific Name: ***Progne subis***
 Common Name: **Purple martin**
 Federal Status: SOC GRANK: G5 NHP List: 2 Category: Vertebrate Animal
 State Status: SC SRANK: S2B HP Track: Y ELCODE: ABPAU01010
 EO ID: 6218 First Obs: 1965 Last Obs: 1965- Confirmed:
 Directions: COLUMBIA CITY, JUST N OF ST. HELENS

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Columbia	WV	Point [Areal - Estimated (4000 m)]

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
005N001W	28		45122-H7	Deer Island	1708000302 - BEAVER CREEK

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
PRIVATE		

EO Type: Minimum Elev.(m): 30 Annual Observations

EO Data: 1965: NESTING MARTINS REPORTED

EO Comments: NESTS LOCATED IN SNAGS

Protection:

Management:

General: OBSERVER: WAYNE LOGAN, BLM

Scientific Name: ***Progne subis***
 Common Name: **Purple martin**
 Federal Status: SOC GRANK: G5 NHP List: 2 Category: Vertebrate Animal
 State Status: SC SRANK: S2B HP Track: Y ELCODE: ABPAU01010
 EO ID: 16655 First Obs: 1998-07-17 Last Obs: 1998-07-17 Confirmed:
 Directions: SUB-EO #01: ON MULTNOMAH CHANNEL: AT MOUTH OF CUNNINGHAM SLOUGH ACROSS FROM SCAPPOOSE BAY; SUB-EO #02: 0.25 MI UPSTREAM FROM CUNNINGHAM SLOUGH; SUB-EO #3: 0.25 MI S OF WHERE SCAPPOOSE BAY MEETS MULTNOMAH CHANNEL; SUB-EO #4: IN PILINGS JUST S OF PAPER MIL

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Columbia	WV	Polygon [Areal - Delimited (8 m)]

- Polygon [Areal - Delimited (8 m)]
- Polygon [Areal - Delimited (8 m)]
- Polygon [Areal - Delimited (8 m)]
- Polygon [Areal - Delimited (8 m)]
- Polygon [Areal - Delimited (8 m)]
- Polygon [Areal - Delimited (8 m)]
- Polygon [Areal - Delimited (8 m)]
- Polygon [Areal - Delimited (8 m)]
- Polygon [Areal - Delimited (8 m)]

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
004N001W	10		45122-G7	Saint Helens	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
004N001W	15				
004N001W	16				
004N001W	17				
004N001W	20				
004N001W	03				

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
EO Type:	Minimum Elev.(m): 9	<u>Annual Observations</u>
EO Data:	1998: 28 PAIRS NESTING IN PILINGS & NEST BOXES. [SUB-EO#: EODATA]01: 10 PAIRS IN 11 BOXES. [02: 2 PAIRS IN WOODPECKER HOLES IN PILINGS. [03: 1 PAIR IN WOODPECKER HOLE IN PILING. [04: 2 PAIRS IN NATURAL ROT POCKET OF PILING. [05: 3 PAIRS IN ROTTED PILING. [06: 3 PAIRS IN PILINGS. [07: 1 PAIR. [08: 1 PAIR. [09: 5 PAIS IN NESTBOXES.	
EO Comments:		
Protection:		
Management:		
General:		

Scientific Name: ***Acipenser medirostris***

Common Name: **Green sturgeon**

Federal Status: SOC	GRANK: G3	NHP List: 4	Category: Vertebrate Animal
State Status:	SRANK: S3	HP Track: N	ELCODE: AFCAA01030
EO ID: 19198	First Obs:	Last Obs:	Confirmed:

Directions: COLUMBIA RIVER AND ESTUARY, UPSTREAM TO BONNEVILLE DAM. WILLAMETTE RIVER BELOW WILLAMETTE FALLS.

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Clatsop	CR	Line [Linear (8 m)]
Columbia	WC	Line [Linear (8 m)]
Multnomah	WV	

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
008N010W			45121-E8	Tanner Butte	1708000105 - COLUMBIA GORGE TRIBUTARIES W.
008N009W			45121-F8	Bonneville Dam	1708000106 - GORDON CREEK/LOWER SANDY RIVER
008N008W			45122-C5	Oregon City	1708000302 - BEAVER CREEK
009N008W			45122-D5	Gladstone	1708000303 - PLYMPTON CREEK
009N007W			45122-D6	Lake Oswego	1708000601 - YOUNGS BAY TRIBUTARIES
008N006W			45122-E1	Multnomah Falls	1708000602 - BIG CREEK / GNAT CREEK
009N006W			45122-E2	Bridal Veil	1709000704 - ABERNATHEY CREEK
			45122-E3	Washougal	1709001201 - JOHNSON CREEK
			45122-E4	Camas	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
			45122-E5	Mount Tabor	
			45122-E6	Portland	
			45122-E7	Linnton	
			45122-F6	Vancouver	
			45122-F7	Sauvie Island	
			45122-G7	Saint Helens	
			45122-H7	Deer Island	
			46122-A7	Kalama	
			46122-A8	Rainier	
			46122-B8	Kelso	
			46123-B1	Coal Creek	
			46123-B2	Oak Point	
			46123-B3	Nassa Point	
			46123-B4	Cathlamet	
			46123-B6	Cathlamet Bay	
			46123-B7	Astoria	
			46123-B8	Warrenton	
			46123-C4	Skamokawa	
			46123-C5	Grays River	
			46123-C6	Rosburg	
			46124-B1	Clatsop Spit	

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
STATE		

EO Type: YEAR-ROUND - fish Minimum Elev.(m): Annual Observations

EO Data: NO COLLECTION INFORMATION AVAILABLE. GREEN STURGEON ADULTS ARE ABUNDANT AND THE NUMBERS ARE STABLE IN THE LOWER COLUMBIA RIVER. THEY ARE RARELY FOUND IN THE COLUMBIA RIVER FROM PUGET ISLAND (RM40) UPSTREAM TO BONNEVILLE DAM AND TO WILLAMETTE FALLS IN THE WILLAMETTE RIVER. (1995 ODFW BIENNIAL REPORT ON THE STATUS OF WILD FISH IN OREGON)

EO Comments:

Protection:

Management:

General: GREEN STURGEON NOT ABUNDANT IN ANY PACIFIC COAST ESTUARY. LITTLE IS KNOWN ABOUT ITS LIFE HISTORY. THIS SPECIES MORE MARINE ORIENTED THAN WHITE STURGEON AND SPENDS LIMITED AMOUNT OF TIME IN FRESHWATER (EXCEPT PERHAPS EARLY JUVENILES AND SPAWNING ADULTS). B91NOA01ORUS.

Scientific Name: ***Oncorhynchus keta pop. 3***

Common Name: **Chum salmon (Columbia River ESU)**

Federal Status: LT GRANK: G5T2Q

NHP List: 1

Category: Vertebrate Animal

State Status: SC SRANK: S2

HP Track: Y

ELCODE: AFCHA02023

EO ID: 17661

First Obs:

Last Obs: 2000-PRE

Confirmed:

Directions: COLUMBIA RIVER & TRIBUTARIES

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Clatsop		Data currently not available.
Columbia		
Multnomah		

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45122-E1	Multnomah Falls	17080001 - Lower Columbia-Sandy
			45122-E2	Bridal Veil	17080003 - Lower Columbia-Clatskanie
			45122-E3	Washougal	17080006 - Lower Columbia
			45122-E4	Camas	
			45122-E5	Mount Tabor	
			45122-E6	Portland	
			45122-F6	Vancouver	
			45122-F7	Sauvie Island	
			45122-G7	Saint Helens	
			45122-H7	Deer Island	
			46122-A7	Kalama	
			46122-A8	Rainier	
			46122-B8	Kelso	
			46123-B1	Coal Creek	
			46123-B2	Oak Point	
			46123-B3	Nassa Point	
			46123-B4	Cathlamet	
			46123-B6	Cathlamet Bay	
			46123-B7	Astoria	
			46123-B8	Warrenton	
			46123-C5	Grays River	
			46123-C6	Rosburg	
			46124-B1	Clatsop Spit	

Owner Name/Type Owner Comments Managed Area Name

EO Type: MIGRATION - fish Minimum Elev.(m): Annual Observations

EO Data: ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.

EO Comments:

Protection:

Management:

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 2001. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF CHUM IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Oncorhynchus kisutch pop. 1***Common Name: **Coho salmon (Lower Columbia River ESU)**

Federal Status: LT

GRANK: G4T2Q

NHP List: 1

Category: Vertebrate Animal

State Status: LE

SRANK: S2

HP Track: Y

ELCODE: AFCHA02031

EO ID: 3164

First Obs:

Last Obs: 2001-PRE

Confirmed:

Directions: SCAPPOOSE BAY, MULTNOMAH CHANNEL, COLUMBIA SLOUGH, WILLAMETTE RIVER

County NameEcoregionSource Feature [Uncertainty Type (Distance)]

Clackamas

CR

Data currently not available.

Columbia

WV

Multnomah

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
002N001W	07		45122-C5	Oregon City	1708000302 - BEAVER CREEK
002N001W	03		45122-D5	Gladstone	1709001201 - JOHNSON CREEK
002N001W	06		45122-D6	Lake Oswego	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
003N001W	34		45122-E5	Mount Tabor	
003N001W	31		45122-E6	Portland	
003N001W	27		45122-E7	Linnton	
003N001W	29		45122-F6	Vancouver	
003N002W	25		45122-F7	Sauvie Island	
003N001W	23		45122-F8	Dixie Mountain	
003N001W	21		45122-G7	Saint Helens	
003N001W	19		45122-G8	Chapman	
003N001W	16		45122-H7	Deer Island	
003N002W	13				
003N001W	09				
003N001W	03				
003N002W	01				
004N001W	34				
004N001W	31				
004N002W	36				
004N001W	28				
004N001W	30				
004N001W	20				
002S002E	30				
002S001E	24				
002S001E	14				
002S001E	11				
002S001E	10				
002S001E	08				
002S001E	03				
001S001E	35				
001S001E	27				
004N001W	17				
001S001E	10				
001N001E	34				
001N001E	28				
001N002E	23				
001N001E	20				
004N001W	10				
001N001E	21				
001N002E	24				
001N001E	27				
001S001E	03				
001S001E	15				
001S001E	22				
001S001E	26				
001S001E	36				
002S001E	02				
002S001E	09				
004N001W	16				
002S001E	17				
002S001E	13				
002S002E	19				
004N001W	21				
004N001W	29				
004N001W	27				
004N001W	33				
003N002W	02				
003N001W	04				
003N002W	12				
003N001W	10				
003N002W	14				
003N001W	17				

003N001W	15
003N001W	20
003N001W	22
003N001W	30
003N001W	28
003N002W	36
003N001W	33
003N001W	35
002N002W	01
002N001W	04
002N002W	12
002N001W	18
002N001W	14
005N001W	34
002N001W	21
002N001W	23
002N001W	28
002N001W	25
002N001W	33
002N001W	34
002N001W	36
002N001E	32
001N001E	05
001N001E	04
004N001W	08
001N001E	01
001N001W	11
001N001E	09
001N001E	11
001N002E	07
001N001W	13
001N001E	17
001N002E	18
001N002E	16
001N002E	14
001N001E	19
001N002E	15
001N002E	17
001N001E	13
001N001E	18
004N001W	09
001N001E	12
001N001E	10
001N001W	12
001N002E	06
001N001E	02
001N001E	03
001N001E	06
001N001W	02
002N001E	31
002N001W	35
004N001W	03
002N001E	30
002N001W	27
002N001W	24
002N001W	22
002N001W	20
002N001W	13
002N001W	17

Owner Name/TypeOwner CommentsManaged Area Name

EO Type: REARING & MIGRATION - fish Minimum Elev.(m): Annual Observations

EO Data: ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.

EO Comments: Rearing & migration use. In 2001 Miller Creek, the Columbia Slough and Lake Oswego were added as previous/historic use type. Columbia Slough is diked and has water quality issues so no longer used for rearing. Lake Oswego was historically used for rearing.

Protection:

Management:

General: Distribution information used in this EOR was derived from ODFW geographic resources data produced and distributed in 1999. Unless specific data exists in the data field, the information presented in this EOR represents the "best professional judgement" by ODFW's district fisheries biologist; the presence of coho in described areas should be considered undocumented but as having a potential of being present. EOR was updated using ODFW geographic resources data produced and distributed in 2004.

Scientific Name: ***Oncorhynchus kisutch pop. 1***

Common Name: **Coho salmon (Lower Columbia River ESU)**

Federal Status: LT GRANK: G4T2Q NHP List: 1 Category: Vertebrate Animal

State Status: LE SRANK: S2 HP Track: Y ELCODE: AFCHA02031

EO ID: 7572 First Obs: Last Obs: 1999-PRE Confirmed:

Directions: MCNULTY CREEK

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>			
Columbia	WV	Data currently not available.			
<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
004N001W	18		45122-G7	Saint Helens	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
004N001W	07				
004N001W	08				

Owner Name/Type Owner Comments Managed Area Name

EO Type: SPAWNING & REARING - fish Minimum Elev.(m): Annual Observations

EO Data: ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.

EO Comments:

Protection:

Management:

General: Distribution information used in this EOR was derived from ODFW geographic resources data produced and distributed in 1999. Unless specific data exists in the data field, the information presented in this EOR represents the "best professional judgement" by ODFW's district fisheries biologist; the presence of coho in described areas should be considered undocumented but as having a potential of being present. EOR was updated using ODFW geographic resources data produced and distributed in 2004.

Scientific Name: ***Oncorhynchus kisutch pop. 1***

Common Name: **Coho salmon (Lower Columbia River ESU)**

Federal Status: LT GRANK: G4T2Q NHP List: 1 Category: Vertebrate Animal

State Status: LE SRANK: S2 HP Track: Y ELCODE: AFCHA02031

EO ID: 16367 First Obs: Last Obs: 1999-PRE Confirmed:

Directions: MILTON CREEK & TRIBUTARIES

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Columbia	CR WV	Data currently not available.

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
005N002W	21		45122-G7	Saint Helens	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
005N002W	17		45122-G8	Chapman	
005N002W	08		45122-H8	Trenholm	
004N002W	10				
004N001W	04				
004N001W	06				
004N002W	03				
005N001W	32				
005N002W	36				
005N002W	26				
005N002W	22				
005N002W	27				
005N002W	35				
005N001W	31				
004N002W	04				
004N002W	02				
004N002W	01				
004N001W	05				
004N002W	09				
004N001W	09				
005N002W	07				
005N002W	18				
005N002W	16				

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
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EO Type: SPAWNING & REARING - fish Minimum Elev.(m):

Annual ObservationsEO Data: ODFW DISTRIBUTION MAPS USED TO CREATE THE
1:24,000 COVERAGE.

EO Comments:

Protection:

Management:

General: Distribution information used in this EOR was derived from ODFW geographic resources data produced and distributed in 1999. Unless specific data exists in the data field, the information presented in this EOR represents the "best professional judgement" by ODFW's district fisheries biologist; the presence of coho in described areas should be considered undocumented but as having a potential of being present. EOR was updated using ODFW geographic resources data produced and distributed in 2004.

Scientific Name: ***Oncorhynchus kisutch pop. 1***Common Name: **Coho salmon (Lower Columbia River ESU)**

Federal Status: LT

GRANK: G4T2Q

NHP List: 1

Category: Vertebrate Animal

State Status: LE

SRANK: S2

HP Track: Y

ELCODE: AFCHA02031

EO ID: 16674

First Obs:

Last Obs: 1999-PRE

Confirmed:

Directions: COLUMBIA RIVER & TRIBUTARIES

County NameEcoregionSource Feature [Uncertainty Type (Distance)]

Columbia

Data currently not available.

Hood River

Multnomah

Wasco

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45121-E1	Petersburg	17070105 - Middle Columbia-Hood
			45121-E2	The Dalles South	17080001 - Lower Columbia-Sandy
			45121-E8	Tanner Butte	17090012 - Lower Willamette
			45121-F2	The Dalles North	
			45121-F3	Lyle	
			45121-F4	White Salmon	
			45121-F5	Hood River	
			45121-F6	Mount Defiance	
			45121-F7	Carson	
			45121-F8	Bonneville Dam	
			45122-E1	Multnomah Falls	
			45122-E2	Bridal Veil	
			45122-E3	Washougal	
			45122-E4	Camas	
			45122-E5	Mount Tabor	
			45122-E6	Portland	
			45122-F6	Vancouver	
			45122-F7	Sauvie Island	
			45122-G7	Saint Helens	

Owner Name/Type Owner Comments Managed Area Name

EO Type: MIGRATION - fish Minimum Elev.(m): Annual Observations

EO Data: ODFW DISTRIBUTION MAPS USED TO CREATE THE
1:24,000 COVERAGE.

EO Comments:

Protection:

Management:

General: Distribution information used in this EOR was derived from ODFW geographic resources data produced and distributed in 1999. Unless specific data exists in the data field, the information presented in this EOR represents the "best professional judgement" by ODFW's district fisheries biologist; the presence of coho in described areas should be considered undocumented but as having a potential of being present. EOR was updated using ODFW geographic resources data produced and distributed in 2004.

Scientific Name: ***Oncorhynchus kisutch pop. 1***

Common Name: **Coho salmon (Lower Columbia River ESU)**

Federal Status: LT GRANK: G4T2Q NHP List: 1 Category: Vertebrate Animal

State Status: LE SRANK: S2 HP Track: Y ELCODE: AFCHA02031

EO ID: 22243 First Obs: Last Obs: 1999-PRE Confirmed:

Directions: COLUMBIA RIVER & TRIBUTARIES

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Clatsop		Data currently not available.
Columbia		

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45122-H7	Deer Island	17080003 - Lower Columbia-Clatskanie
			46122-A7	Kalama	
			46122-A8	Rainier	
			46122-B8	Kelso	
			46123-A3	Marshland	
			46123-B1	Coal Creek	
			46123-B2	Oak Point	
			46123-B3	Nassa Point	
			46123-B4	Cathlamet	
			46123-C5	Grays River	

Owner Name/Type Owner Comments Managed Area Name

EO Type: REARING & MIGRATION - fish Minimum Elev.(m): Annual Observations

EO Data: ODFW DISTRIBUTION MAPS USED TO CREATE THE
1:24,000 COVERAGE.

EO Comments:

Protection:

Management:

General: Distribution information used in this EOR was derived from ODFW geographic resources data produced and distributed in 1999. Unless specific data exists in the data field, the information presented in this EOR represents the "best professional judgement" by ODFW's district fisheries biologist; the presence of coho in described areas should be considered undocumented but as having a potential of being present. EOR was updated using ODFW geographic resources data produced and distributed in 2004.

Scientific Name: ***Oncorhynchus tshawytscha pop. 21***

Common Name: **Chinook salmon (Lower Columbia River ESU, spring run)**

Federal Status: LT GRANK: G5T2Q NHP List: 1 Category: Vertebrate Animal

State Status: SC SRANK: S2 HP Track: Y ELCODE: AFCHA0205W

EO ID: 3132 First Obs: Last Obs: 1999-PRE Confirmed:

Directions: SCAPPOOSE BAY, MULTNOMAH CHANNEL, WILLAMETTE RIVER

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Clackamas		Data currently not available.
Columbia		
Multnomah		

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45122-C5	Oregon City	17090012 - Lower Willamette
			45122-D5	Gladstone	
			45122-D6	Lake Oswego	
			45122-E6	Portland	
			45122-E7	Linnton	
			45122-F7	Sauvie Island	
			45122-G7	Saint Helens	

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>

EO Type: REARING & MIGRATION - fish Minimum Elev.(m): Annual Observations

EO Data: SPRING RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE

EO Comments:

Protection:

Management:

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF CHINOOK IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Oncorhynchus tshawytscha pop. 21***

Common Name: **Chinook salmon (Lower Columbia River ESU, spring run)**

Federal Status: LT GRANK: G5T2Q NHP List: 1 Category: Vertebrate Animal

State Status: SC SRANK: S2 HP Track: Y ELCODE: AFCHA0205W

EO ID: 12375 First Obs: Last Obs: 1999-PRE Confirmed:

Directions: COLUMBIA RIVER & TRIBUTARY

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Clatsop		Data currently not available.
Columbia		
Hood River		
Multnomah		

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45121-E8	Tanner Butte	17070105 - Middle Columbia-Hood
			45121-F5	Hood River	17080001 - Lower Columbia-Sandy
			45121-F6	Mount Defiance	17080003 - Lower Columbia-Clatskanie
			45121-F7	Carson	17080006 - Lower Columbia
			45121-F8	Bonneville Dam	17090012 - Lower Willamette
			45122-E1	Multnomah Falls	
			45122-E2	Bridal Veil	
			45122-E3	Washougal	
			45122-E4	Camas	
			45122-E5	Mount Tabor	
			45122-E6	Portland	
			45122-F6	Vancouver	
			45122-F7	Sauvie Island	
			45122-G7	Saint Helens	
			45122-H7	Deer Island	
			46122-A7	Kalama	
			46122-A8	Rainier	
			46122-B8	Kelso	
			46123-B1	Coal Creek	
			46123-B2	Oak Point	
			46123-B3	Nassa Point	
			46123-B4	Cathlamet	
			46123-B5	Knappa	
			46123-B6	Cathlamet Bay	
			46123-B7	Astoria	
			46123-B8	Warrenton	
			46123-C4	Skamokawa	
			46123-C5	Grays River	
			46123-C6	Rosburg	
			46124-B1	Clatsop Spit	

Owner Name/Type Owner Comments Managed Area Name

EO Type: MIGRATION - fish Minimum Elev.(m): Annual Observations

EO Data: SPRING RUN; ODFW DISTRIBUTION MAPS USED TO
CREATE THE 1:24,000 COVERAGE

EO Comments:

Protection:

Management:

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF CHINOOK IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Oncorhynchus tshawytscha pop. 22***

Common Name: **Chinook salmon (Lower Columbia River ESU, fall run)**

Federal Status: LT GRANK: G5T2Q NHP List: 1 Category: Vertebrate Animal

State Status: SC SRANK: S2 HP Track: Y ELCODE: AFCHA0205Y

EO ID: 778 First Obs: Last Obs: 1999-PRE Confirmed:

Directions: SCAPPOOSE BAY & TRIBUTARIES, WILLAMETTE RIVER & TRIBUTARIES

County Name Ecoregion Source Feature [Uncertainty Type (Distance)]

Clackamas Data currently not available.

Columbia

Multnomah

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45122-C5	Oregon City	17090012 - Lower Willamette
			45122-D5	Gladstone	
			45122-D6	Lake Oswego	
			45122-E6	Portland	
			45122-E7	Linnton	
			45122-F7	Sauvie Island	

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
EO Type: REARING & MIGRATION - fish	Minimum Elev.(m):	<u>Annual Observations</u>
EO Data: FALL RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE		
EO Comments:		
Protection:		
Management:		
General:	DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF CHINOOK IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.	

Scientific Name: ***Oncorhynchus tshawytscha pop. 22***
 Common Name: **Chinook salmon (Lower Columbia River ESU, fall run)**
 Federal Status: LT GRANK: G5T2Q NHP List: 1 Category: Vertebrate Animal
 State Status: SC SRANK: S2 HP Track: Y ELCODE: AFCHA0205Y
 EO ID: 14137 First Obs: Last Obs: 1999-PRE Confirmed:
 Directions: COLUMBIA RIVER & TRIBUTARIES

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Clatsop		Data currently not available.
Columbia		
Hood River		
Multnomah		

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45121-E8	Tanner Butte	17070105 - Middle Columbia-Hood
			45121-F5	Hood River	17080001 - Lower Columbia-Sandy
			45121-F6	Mount Defiance	17080003 - Lower Columbia-Clatskanie
			45121-F7	Carson	17080006 - Lower Columbia
			45121-F8	Bonneville Dam	17090012 - Lower Willamette
			45122-E1	Multnomah Falls	
			45122-E2	Bridal Veil	
			45122-E3	Washougal	
			45122-E4	Camas	
			45122-E5	Mount Tabor	
			45122-E6	Portland	
			45122-F6	Vancouver	
			45122-F7	Sauvie Island	
			45122-G7	Saint Helens	
			45122-H7	Deer Island	
			46122-A7	Kalama	
			46122-A8	Rainier	
			46122-B8	Kelso	
			46123-B1	Coal Creek	
			46123-B2	Oak Point	
			46123-B3	Nassa Point	
			46123-B4	Cathlamet	
			46123-B5	Knappa	
			46123-B6	Cathlamet Bay	
			46123-B7	Astoria	
			46123-B8	Warrenton	
			46123-C4	Skamokawa	
			46123-C5	Grays River	
			46123-C6	Rosburg	
			46124-B1	Clatsop Spit	

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
EO Type: MIGRATION - fish	Minimum Elev.(m):	<u>Annual Observations</u>
EO Data: FALL RUN; ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE		
EO Comments:		
Protection:		

Management:

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF CHINOOK IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Oncorhynchus clarkii pop. 2***

Common Name: **Coastal cutthroat trout (Southwestern Washington/Columbia River)**

Federal Status: ESU)	GRANK: G4T3Q	NHP List: 1	Category: Vertebrate Animal
State Status: SC	SRANK: S2	HP Track: Y	ELCODE: AFCHA0208F
EO ID: 13624	First Obs:	Last Obs: 2001-PRE	Confirmed:

Directions: COLUMBIA RIVER

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Clatsop		Data currently not available.
Columbia		
Hood River		
Multnomah		
Wasco		

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45121-E2	The Dalles South	1707010504 - COLUMBIA GORGE TRIBS E.
			45121-E8	Tanner Butte	1707010505 - HOOD RIVER MAIN STEM TRIBS
			45121-F2	The Dalles North	1707010506 - MILL CREEK
			45121-F3	Lyle	1707010507 - FIVE MILE CREEK
			45121-F4	White Salmon	1708000105 - COLUMBIA GORGE TRIBUTARIES W.
			45121-F5	Hood River	1708000106 - GORDON CREEK/LOWER SANDY RIVER
			45121-F6	Mount Defiance	1708000302 - BEAVER CREEK
			45121-F7	Carson	1708000303 - PLYMPTON CREEK
			45121-F8	Bonneville Dam	1708000601 - YOUNGS BAY TRIBUTARIES
			45122-E1	Multnomah Falls	1708000602 - BIG CREEK / GNAT CREEK
			45122-E2	Bridal Veil	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
			45122-E3	Washougal	
			45122-E4	Camas	
			45122-E5	Mount Tabor	
			45122-E6	Portland	
			45122-F6	Vancouver	
			45122-F7	Sauvie Island	
			45122-G7	Saint Helens	
			45122-H7	Deer Island	
			46122-A7	Kalama	
			46122-A8	Rainier	
			46122-B8	Kelso	
			46123-B1	Coal Creek	
			46123-B2	Oak Point	
			46123-B3	Nassa Point	
			46123-B4	Cathlamet	
			46123-B6	Cathlamet Bay	
			46123-B7	Astoria	
			46123-B8	Warrenton	
			46123-C4	Skamokawa	
			46123-C5	Grays River	
			46123-C6	Rosburg	
			46124-B1	Clatsop Spit	

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
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EO Type: MIGRATION - fish	Minimum Elev.(m):	<u>Annual Observations</u>
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EO Data: SEA-RUN.

EO Comments:

Protection:

Management:

General:

Scientific Name: ***Oncorhynchus mykiss pop. 26***

Common Name: **Steelhead (Lower Columbia River ESU, summer run)**

Federal Status: LT	GRANK: G5T2Q	NHP List: 1	Category: Vertebrate Animal
State Status: SC	SRANK: S2	HP Track: Y	ELCODE: AFCHA02131
EO ID: 19899	First Obs:	Last Obs: 1999-PRE	Confirmed:

Directions: COLUMBIA RIVER & TRIBUTARIES

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Columbia		Data currently not available.
Hood River		
Multnomah		

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45121-E8	Tanner Butte	17070105 - Middle Columbia-Hood
			45121-F5	Hood River	17080001 - Lower Columbia-Sandy
			45121-F6	Mount Defiance	17090012 - Lower Willamette
			45121-F7	Carson	
			45121-F8	Bonneville Dam	
			45122-E1	Multnomah Falls	
			45122-E2	Bridal Veil	
			45122-E3	Washougal	
			45122-E4	Camas	
			45122-E5	Mount Tabor	
			45122-E6	Portland	
			45122-F6	Vancouver	
			45122-F7	Sauvie Island	
			45122-G7	Saint Helens	

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
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EO Type: MIGRATION - fish Minimum Elev.(m): Annual Observations

EO Data: SUMMER RUN: ODFW DISTRIBUTION MAPS USED TO
CREATE THE 1:24,000 COVERAGE

EO Comments:

Protection:

Management:

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF STEELHEAD IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Oncorhynchus mykiss pop. 27***

Common Name: **Steelhead (Lower Columbia River ESU, winter run)**

Federal Status: LT	GRANK: G5T2Q	NHP List: 1	Category: Vertebrate Animal
State Status: SC	SRANK: S2	HP Track: Y	ELCODE: AFCHA02132
EO ID: 851	First Obs:	Last Obs: 1999-PRE	Confirmed:

Directions: SCAPPOOSE BAY, MULTNOMAH CHANNEL, WILLAMETTE RIVER

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Clackamas		Data currently not available.
Columbia		
Multnomah		

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45122-C5	Oregon City	17090012 - Lower Willamette
			45122-D5	Gladstone	
			45122-D6	Lake Oswego	
			45122-E6	Portland	
			45122-E7	Linnton	
			45122-F7	Sauvie Island	
			45122-G7	Saint Helens	

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
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EO Type: REARING & MIGRATION - fish Minimum Elev.(m): Annual Observations

EO Data: WINTER RUN: ODFW DISTRIBUTION MAPS USED TO
CREATE THE 1:24,000 COVERAGE

EO Comments:

Protection:

Management:

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF STEELHEAD IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Oncorhynchus mykiss pop. 27***

Common Name: **Steelhead (Lower Columbia River ESU, winter run)**

Federal Status: LT	GRANK: G5T2Q	NHP List: 1	Category: Vertebrate Animal
State Status: SC	SRANK: S2	HP Track: Y	ELCODE: AFCHA02132
EO ID: 13653	First Obs:	Last Obs: 1999-PRE	Confirmed:

Directions: COLUMBIA RIVER & TRIBUTARIES

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Columbia		Data currently not available.
Hood River		
Multnomah		

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45121-E8	Tanner Butte	17070105 - Middle Columbia-Hood
			45121-F5	Hood River	17080001 - Lower Columbia-Sandy
			45121-F6	Mount Defiance	17090012 - Lower Willamette
			45121-F7	Carson	
			45121-F8	Bonneville Dam	
			45122-E1	Multnomah Falls	
			45122-E2	Bridal Veil	
			45122-E3	Washougal	
			45122-E4	Camas	
			45122-E5	Mount Tabor	
			45122-E6	Portland	
			45122-F6	Vancouver	
			45122-F7	Sauvie Island	
			45122-G7	Saint Helens	

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
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EO Type: MIGRATION - fish Minimum Elev.(m): Annual Observations

EO Data: WINTER RUN: ODFW DISTRIBUTION MAPS USED TO CREATE THE 1:24,000 COVERAGE.

EO Comments:

Protection:

Management:

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF STEELHEAD IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Oncorhynchus mykiss pop. 27***

Common Name: **Steelhead (Lower Columbia River ESU, winter run)**

Federal Status: LT	GRANK: G5T2Q	NHP List: 1	Category: Vertebrate Animal
State Status: SC	SRANK: S2	HP Track: Y	ELCODE: AFCHA02132
EO ID: 14504	First Obs:	Last Obs: 1999-PRE	Confirmed:

Directions: MILTON CREEK & TRIBUTARIES

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Columbia		Data currently not available.

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45122-G7	Saint Helens	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
			45122-G8	Chapman	
			45122-H8	Trenholm	

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
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EO Type: SPAWNING & REARING - fish Minimum Elev.(m): Annual Observations

EO Data: WINTER RUN: ODFW DISTRIBUTIION MAPS USED TO
CREATE THE 1:24,000 COVERAGE

EO Comments:

Protection:

Management:

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF STEELHEAD IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Oncorhynchus mykiss pop. 27***

Common Name: **Steelhead (Lower Columbia River ESU, winter run)**

Federal Status: LT GRANK: G5T2Q NHP List: 1 Category: Vertebrate Animal

State Status: SC SRANK: S2 HP Track: Y ELCODE: AFCHA02132

EO ID: 21969 First Obs: Last Obs: 1999-PRE Confirmed:

Directions: SCAPPOOSE CREEK & TRIBUTARIES

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>			
Columbia		Data currently not available.			
Washington					
<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45122-F8	Dixie Mountain	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
			45122-G7	Saint Helens	
			45122-G8	Chapman	
			45123-G1	Bacona	

Owner Name/Type Owner Comments Managed Area Name

EO Type: SPAWNING & REARING - fish Minimum Elev.(m): Annual Observations

EO Data: WINTER RUN: ODFW DISTRIBUTIION MAPS USED TO
CREATE THE 1:24,000 COVERAGE

EO Comments:

Protection:

Management:

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF STEELHEAD IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Oncorhynchus mykiss pop. 27***

Common Name: **Steelhead (Lower Columbia River ESU, winter run)**

Federal Status: LT GRANK: G5T2Q NHP List: 1 Category: Vertebrate Animal

State Status: SC SRANK: S2 HP Track: Y ELCODE: AFCHA02132

EO ID: 22942 First Obs: Last Obs: 1999-PRE Confirmed:

Directions: MCNULTY CREEK

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>			
Columbia		Data currently not available.			
<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45122-G7	Saint Helens	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL

Owner Name/Type Owner Comments Managed Area Name

EO Type: SPAWNING & REARING - fish Minimum Elev.(m): Annual Observations

EO Data: WINTER RUN: ODFW DISTRIBUTIION MAPS USED TO
CREATE THE 1:24,000 COVERAGE

EO Comments:

Protection:

Management:

General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF STEELHEAD IN DESCRIBED AREAS SHOULD BE CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Oncorhynchus mykiss pop. 35***
 Common Name: **Steelhead (Southwest Washington ESU, winter run)**
 Federal Status: GRANK: G5T3Q NHP List: 2 Category: Vertebrate Animal
 State Status: SC SRANK: S2 HP Track: Y ELCODE: AFCHA0213A
 EO ID: 23988 First Obs: Last Obs: 1999-PRE Confirmed:
 Directions: COLUMBIA RIVER & TRIBUTARIES

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Clatsop		Data currently not available.
Columbia		

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
			45122-G7	Saint Helens	1708000302 - BEAVER CREEK
			45122-H7	Deer Island	
			46122-A7	Kalama	
			46122-A8	Rainier	
			46122-B8	Kelso	
			46123-B1	Coal Creek	
			46123-B2	Oak Point	
			46123-B3	Nassa Point	
			46123-B4	Cathlamet	
			46123-B6	Cathlamet Bay	
			46123-B7	Astoria	
			46123-B8	Warrenton	
			46123-C4	Skamokawa	
			46123-C5	Grays River	
			46123-C6	Rosburg	
			46124-B1	Clatsop Spit	

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
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EO Type: MIGRATION - fish Minimum Elev.(m): Annual Observations
 EO Data: WINTER RUN; ODFW DISTRIBUTION MAPS USED TO
 CREATE THE 1:24,000 COVERAGE
 EO Comments:
 Protection:
 Management:
 General: DISTRIBUTION INFORMATION USED IN THIS EOR WAS DERIVED FROM ODFW GEOGRAPHIC RESOURCES
 DATA PRODUCED AND DISTRIBUTED IN 1999. UNLESS SPECIFIC DATA EXISTS IN THE DATA FIELD, THE
 INFORMATION PRESENTED IN THIS EOR REPRESENTS THE "BEST PROFESSIONAL JUDGMENT" BY ODFW'S
 DISTRICT FISHERIES BIOLOGIST; THE PRESENCE OF STEELHEAD IN DESCRIBED AREAS SHOULD BE
 CONSIDERED UNDOCUMENTED BUT AS HAVING A POTENTIAL OF BEING PRESENT.

Scientific Name: ***Chrysemys picta***
 Common Name: **Painted turtle**
 Federal Status: GRANK: G5 NHP List: 2 Category: Vertebrate Animal
 State Status: SC SRANK: S2 HP Track: Y ELCODE: ARAAD01010
 EO ID: 10872 First Obs: 1950 Last Obs: 1985-06 Confirmed: Y
 Directions: SE END OF CUNNINGHAM SLOUGH ON SAUVIE ISLAND

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>			
Columbia	WV	Point [Areal - Estimated (1500 m)]			
<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
004N001W	21		45122-G7	Saint Helens	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
004N001W	16				

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
STATE		SAUVIE ISLAND WMA WILLAMETTE RIVER GREENWAY

EO Type: Minimum Elev.(m): 3 Annual Observations
 EO Data: PAINTED TURTLES OBSERVED DURING SURVEY BY
 GADDIS AND CORKRAN MAY-JULY, 1985. ALL TURTLES
 FULL GROWN AND PRESUMED TO BE AT LEAST 10
 YEARS OLD. 1 FEMALE TAKEN AT NW END OF ISLAND ON
 GAME COMMISSION SHOOTING GROUNDS WHILE
 DIGGING HOLE 100
 EO Comments: PAINTED TURTLES FOUND IN AREA WITH ABUNDANT SUNNING LOGS, SUBMERGED VEGETATION AND
 SNAILS, AND WITH NO CURRENT AT LEAST 1 M. DEEP. BULLFROGS ABUNDANT. NO POND TURTLES FOUND.

Protection:

Management:

General: M. FROM A SLOUGH. COLLECTED BY STORM AND DUNLAP ON 05-06-50 MAPPED AT CUNNINGHAM SLOUGH,
EXACT LOCATION UNCERTAIN

Scientific Name: ***Howellia aquatilis***Common Name: **Howellia**

Federal Status: LT

GRANK: G3

NHP List: 1

Category: Vascular Plant

State Status:

SRANK: S1

HP Track: Y

ELCODE: PDCAM0A010

EO ID: 12483

First Obs: 1879

Last Obs: 1886-05

Confirmed: Y

Directions: SAUVIE ISLAND. WILLAMETTE SLOUGH (J. HOWELL #187) AND PONDS IN STAGNANT WATER.

County NameEcoregionSource Feature [Uncertainty Type (Distance)]

Columbia

WV

Polygon [Areal - Delimited (8 m)]

Multnomah

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
004N001W	22		45122-E7	Linnton	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
004N001W	20		45122-F7	Sauvie Island	
002N001W	34		45122-G7	Saint Helens	
002N001W	28				
002N001W	22				
002N001W	21				
002N001W	14				
002N001W	16				
002N001W	18				
002N001W	10				
004N001W	16				
002N001W	07				
002N001W	02				
002N001W	04				
002N001W	06				
003N001W	35				
003N001W	34				
003N001W	32				
003N002W	36				
003N001W	27				
003N001W	29				
004N001W	03				
003N001W	22				
003N001W	20				
003N001W	14				
003N001W	16				
003N001W	11				
003N001W	10				
003N001W	02				
003N001W	04				
004N001W	34				
004N001W	27				
004N001W	28				
004N001W	33				
004N001W	35				
003N001W	03				
003N001W	09				
003N001W	17				
003N001W	15				
003N001W	19				
003N001W	21				
003N001W	23				
003N001W	30				
003N001W	28				
003N001W	26				
003N001W	31				
003N001W	33				
004N001W	10				
002N002W	01				
002N001W	05				
002N001W	03				
002N002W	12				
002N001W	08				
002N001W	09				
002N001W	11				
002N001W	17				
002N001W	15				
002N001W	20				
004N001W	15				
002N001W	23				
002N001W	27				
004N001W	21				

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
EO Type:	Minimum Elev.(m): 23	<u>Annual Observations</u>
EO Data:	HERBARIUM COLLECTION: HOWELL, 5-1886, OSC; HENDERSON, #592, 5-9-1885, OSC; J. HOWELL AND T. HOWELL, S.N., 5-1881, WTU, GH; J. HOWELL, S.N., 8-10-1879, GH; J. HOWELL, #187, 5-1879, GH	
EO Comments:	PONDS. IN STAGNANT WATER (J. HOWELL, #187).	
Protection:		
Management:	General: 2004-08 Non-specific point changed to a digitized Sauvie Island polygon. TYPE LOCALITY. RELOCATION EFFORTS UNSUCCESSFUL.	

Scientific Name: ***Cimicifuga elata***
 Common Name: **Tall bugbane**
 Federal Status: GRANK: G3 NHP List: 1 Category: Vascular Plant
 State Status: C SRANK: S3 HP Track: Y ELCODE: PDRAN07030
 EO ID: 7118 First Obs: 1887 Last Obs: 1887-07 Confirmed:
 Directions: FIR FOREST, SAUVIES ISLAND

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Columbia	WV	Polygon [Areal - Delimited (8 m)]
Multnomah		

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
004N001W	22		45122-E7	Linnton	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
004N001W	20		45122-F7	Sauvie Island	
002N001W	34		45122-G7	Saint Helens	
002N001W	28				
002N001W	22				
002N001W	21				
002N001W	14				
002N001W	16				
002N001W	18				
002N001W	10				
004N001W	16				
002N001W	07				
002N001W	02				
002N001W	04				
002N001W	06				
003N001W	35				
003N001W	34				
003N001W	32				
003N002W	36				
003N001W	27				
003N001W	29				
004N001W	03				
003N001W	22				
003N001W	20				
003N001W	14				
003N001W	16				
003N001W	11				
003N001W	10				
003N001W	02				
003N001W	04				
004N001W	34				
004N001W	27				
004N001W	28				
004N001W	33				
004N001W	35				
003N001W	03				
003N001W	09				
003N001W	17				
003N001W	15				
003N001W	19				
003N001W	21				
003N001W	23				
003N001W	30				
003N001W	28				
003N001W	26				
003N001W	31				
003N001W	33				
004N001W	10				
002N002W	01				
002N001W	05				
002N001W	03				
002N002W	12				
002N001W	08				
002N001W	09				
002N001W	11				
002N001W	17				
002N001W	15				
002N001W	20				
004N001W	15				
002N001W	23				
002N001W	27				
004N001W	21				

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
EO Type:	Minimum Elev.(m):	<u>Annual Observations</u>
EO Data:	HERBARIUM COLLECTION: THOMAS HOWELL S.N., 7-1887, BR [IN THE STATUS REPORT, NOT SURE WHAT TO WHICH HERBARIUM BR IS REFERING TO]	
EO Comments:		
Protection:		
Management:	General: 2004-08 Non-specific point changed to a digitized Sauvie Island polygon. 1887 herbarium collection: Thomas Howell.	
Scientific Name: <i>Sullivantia oregana</i>		
Common Name: Oregon sullivantia		
Federal Status: SOC	GRANK: G2	NHP List: 1
State Status: C	SRANK: S2	HP Track: Y
EO ID: 6216	First Obs: 1887	Last Obs: 1887-
Directions: SAUVIES ISLAND, MILWAUKIE (MAPPED ON SAUVIES ISLAND)		
Category: Vascular Plant	ELCODE: PDSAX0X020	
Confirmed:		
<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Columbia	WV	Polygon [Areal - Delimited (8 m)]
Multnomah		

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
004N001W	22		45122-E7	Linnton	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
004N001W	20		45122-F7	Sauvie Island	
002N001W	34		45122-G7	Saint Helens	
002N001W	28				
002N001W	22				
002N001W	21				
002N001W	14				
002N001W	16				
002N001W	18				
002N001W	10				
004N001W	16				
002N001W	07				
002N001W	02				
002N001W	04				
002N001W	06				
003N001W	35				
003N001W	34				
003N001W	32				
003N002W	36				
003N001W	27				
003N001W	29				
004N001W	03				
003N001W	22				
003N001W	20				
003N001W	14				
003N001W	16				
003N001W	11				
003N001W	10				
003N001W	02				
003N001W	04				
004N001W	34				
004N001W	27				
004N001W	28				
004N001W	33				
004N001W	35				
003N001W	03				
003N001W	09				
003N001W	17				
003N001W	15				
003N001W	19				
003N001W	21				
003N001W	23				
003N001W	30				
003N001W	28				
003N001W	26				
003N001W	31				
003N001W	33				
004N001W	10				
002N002W	01				
002N001W	05				
002N001W	03				
002N002W	12				
002N001W	08				
002N001W	09				
002N001W	11				
002N001W	17				
002N001W	15				
002N001W	20				
004N001W	15				
002N001W	23				
002N001W	27				
004N001W	21				

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
EO Type:	Minimum Elev.(m): -339	<u>Annual Observations</u>
EO Data:	HERBARIUM COLLECTION: JOSEPH HOWELL, 1887, G. (ASSUMED TO BE GRAY HERBARIUM)	
EO Comments:		
Protection:		
Management:	General: 2004-08 Non-specific point changed to a digitized Sauvie Island polygon. FROM ROSENDAHL, C.O. 1927. REVISION OF THE GENUS SULLIVANTIA. MINN STUD. PLANT SCI 6:407	

Scientific Name: **Carex comosa**
 Common Name: **Bristly sedge**
 Federal Status: GRANK: G5 NHP List: 2-ex Category: Vascular Plant
 State Status: SRANK: S1 HP Track: Y ELCODE: PMCYP032Y0
 EO ID: 21506 First Obs: 1882-06 Last Obs: 1884-06-05 Confirmed:
 Directions: SAUVIE ISLAND

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>
Columbia	WV	Polygon [Areal - Delimited (8 m)]
Multnomah		

<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
004N001W	22		45122-E7	Linnton	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL
004N001W	20		45122-F7	Sauvie Island	
002N001W	34		45122-G7	Saint Helens	
002N001W	28				
002N001W	22				
002N001W	21				
002N001W	14				
002N001W	16				
002N001W	18				
002N001W	10				
004N001W	16				
002N001W	07				
002N001W	02				
002N001W	04				
002N001W	06				
003N001W	35				
003N001W	34				
003N001W	32				
003N002W	36				
003N001W	27				
003N001W	29				
004N001W	03				
003N001W	22				
003N001W	20				
003N001W	14				
003N001W	16				
003N001W	11				
003N001W	10				
003N001W	02				
003N001W	04				
004N001W	34				
004N001W	27				
004N001W	28				
004N001W	33				
004N001W	35				
003N001W	03				
003N001W	09				
003N001W	17				
003N001W	15				
003N001W	19				
003N001W	21				
003N001W	23				
003N001W	30				
003N001W	28				
003N001W	26				
003N001W	31				
003N001W	33				
004N001W	10				
002N002W	01				
002N001W	05				
002N001W	03				
002N002W	12				
002N001W	08				
002N001W	09				
002N001W	11				
002N001W	17				
002N001W	15				
002N001W	20				
004N001W	15				
002N001W	23				
002N001W	27				
004N001W	21				

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
EO Type:	Minimum Elev.(m): 3	<u>Annual Observations</u>
EO Data:	HERBARIUM COLLECTION: 1) T.J. HOWELL, 6-1882, OSC-1989 (ORIG ID C. PSEUDOCYPERUS VAR COMOSA (ANN. TO C. COMOSA JW STACEY). 2) HENDERSON #1051, 6-5-1884, OSC-1991 (SEE ANNOTATION NOTES IN #1). 	
EO Comments:	FLOATING ISLAND (HENDERSON 1884)	
Protection:		
Management:	General: 2004-08 Non-specific point changed to a digitized Sauvie Island polygon. HERBARIUM COLLECTION: 1) T.J. HOWELL, 6-1882, OSC-1989 (ORIG ID C. PSEUDOCYPERUS VAR COMOSA (ANN. TO C. COMOSA JW STACEY). 2) HENDERSON #1051, 6-5-1884, OSC-1991 (SEE ANNOTATION NOTES IN #1).	

Scientific Name: **Carex retrorsa**
 Common Name: **Retorse sedge**
 Federal Status: GRANK: G5 NHP List: 2 Category: Vascular Plant
 State Status: SRANK: S1 HP Track: Y ELCODE: PMCYP03BJ0
 EO ID: 26314 First Obs: 1992 Last Obs: 1992 Confirmed:
 Directions: [Northwest end of Sauvie Island, north end of Cunningham Slough, south of Louse Island.]

<u>County Name</u>	<u>Ecoregion</u>	<u>Source Feature [Uncertainty Type (Distance)]</u>			
Columbia	WV	Point [Areal - Estimated (100 m)]			
<u>Town-Range</u>	<u>Sec</u>	<u>Note</u>	<u>QuadCode</u>	<u>QuadName</u>	<u>Watershed</u>
004N001W	10		45122-G7	Saint Helens	1709001202 - SCAPPOOSE CREEK/MULTNOMAH CHANNEL

<u>Owner Name/Type</u>	<u>Owner Comments</u>	<u>Managed Area Name</u>
EO Type:	Minimum Elev.(m):	<u>Annual Observations</u>
EO Data:		• 1992 - Present
EO Comments:		
Protection:		
Management:	General: 1992 plant sighting by John Christy.	

30 records total