



United States Department of the Interior

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FISH AND WILDLIFE SERVICE
Ecological Services
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052586

October 16, 1997

U.S. Department of Energy
Mr. Thomas Ferns
NEPA Document Manager
P.O. Box 550
Richland, WA 99206

RECEIVED

OCT 23 1997

DOE-RL/DIS



RE: Species List, Hanford
FWS Reference: 1-9-98-SP-002

Dear Mr. Ferns:

Thank you for your request of September 26, 1997. Enclosed is a list of threatened and endangered species, candidate species and species of concern (Enclosure A), that may be present within the Hanford Site. The list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under Section 7(c) of the Endangered Species Act of 1973, as amended (Act). We are enclosing a copy of the requirements for federal agency compliance under the Act (Enclosure B).

You requested a species list that would cover one year; however, as provided by the law, a species list is only valid for 90 days. We would be pleased to update the provided list if you request an update. Although you have requested a section by section list for the species of concern, we do not have enough current information on these species to provide this for you. The Washington Department of Fish and Wildlife (WDFW) maintains the Washington State Heritage Database, which has information on some of these species. The Heritage Database has extensive location information on the ferruginous hawk (*Buteo regalis*), loggerhead shrike (*Lanius ludovicianus*), the Western burrowing owl (*Athene cunicularia hypugea*), and several plant species within the areas of concern. To obtain current Heritage Database information, please contact Tom Owens of the WDFW at (360) 902-2489.

There are several areas that are used extensively by bald eagles within the areas of concern. There are bald eagle communal roosts along the Columbia River at (T13N, R26E, S6), (T13N, R27E, S23, 25, 26), (T13N, R28E, S32), (T14N, R26E, S11, 14), & (T14N, R27E, S18, 29). We also know of two bald eagle nests within the areas of concern at T13N, R27E, S10, & T14N, R27E, S29.

Should the biological assessment for the proposed project determine that a listed species is likely to be affected (adversely or beneficially) by the project, the federal agency should request Section 7 consultation through this office. If the biological assessment determines that the proposed action is "not likely to adversely affect" a listed species, the federal agency should request Service concurrence

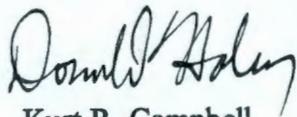
with that determination through the informal consultation process. If the biological assessment determines the project to have "no effect," we would appreciate receiving a copy for our information.

Candidate species and species of concern are included simply as advance notice to federal agencies of species which may be proposed and listed in the future. Protection provided to these species now may preclude possible listing in the future. If early evaluation of your project indicates that it is likely to adversely impact a candidate species, or species of concern, the federal agency may wish to request technical assistance from this office.

Anadromous fishes are listed under the Act by the National Marine Fisheries Service (NMFS). Some of these species occur in the vicinity of your project. Please contact NMFS in Seattle, WA at (206) 526-6150, or in Portland, OR at (503) 231-2319, to request a species list.

Thank you for your efforts to protect our nation's species and their habitats. If you have additional questions regarding your responsibilities under the Act, please contact Richard Smith of this office at (509) 765-6125.

Sincerely,



bc
Kurt R. Campbell
Supervisor, Moses Lake Field Office

Enclosures

**LISTED AND PROPOSED ENDANGERED AND THREATENED SPECIES
AND SPECIES OF CONCERN WHICH MAY OCCUR IN THE VICINITY
OF THE HANFORD SITE, BENTON COUNTY
WASHINGTON**

FWS Reference: 1-9 -98-SP-002

LISTED

Endangered

Peregrine falcon (*Falco peregrinus*)

Threatened

Bald eagle (*Haliaeetus leucocephalus*)

PROPOSED

Bull trout (*Salvelinus confluentus*)

CANDIDATE

None

SPECIES OF CONCERN

Animals

Black tern (*Chlidonias niger*)

California floater (mussel) (*Anodonta californiensis* (Lea, 1852))

Columbia pebblesnail (*Fluminicola* (= *Lithoglyphus*) *columbianus* (Hemphill in Pilsbry, 1899))
[great Columbia River spire snail]

Ferruginous hawk (*Buteo regalis*)

Fringed myotis (bat) (*Myotis thysanodes*)

Loggerhead shrike (*Lanius ludovicianus*)

Lynn's clubtail (dragonfly) (*Gomphus lynnae*)

Margined sculpin (*Cottus marginatus*)

Northern sagebrush lizard (*Sceloporus graciosus graciosus*)

Olive-sided flycatcher (*Contopus borealis*)

Pacific lamprey (*Lampetra tridentata*)

Pale Townsend's (= western) big-eared bat (*Corynorhinus* (= *Plecotus*) *townsendii pallescens*)

Pygmy rabbit (*Brachylagus idahoensis*)
River lamprey (*Lampetra ayresi*)
Small-footed myotis (bat) (*Myotis ciliolabrum*)
Washington ground squirrel (*Spermophilus washingtoni*)
Western burrowing owl (*Athene cunicularia hypugea*)
Yuma myotis (bat) (*Myotis yumanensis*)

Plants

Astragalus columbianus (Columbia milk-vetch)
Eriogonum codium (Umtanum wild buckwheat)
Haplopappus liatrifomis (Palouse goldenweed)
Lesquerella tuplashensis (White Bluffs bladder-pod)
Lomatium tuberosum (Hoover's desert-parsley)
Rorippa columbiae (Columbia yellow-cress)

**FEDERAL AGENCIES' RESPONSIBILITIES UNDER SECTIONS 7(a) AND 7(c)
OF THE ENDANGERED SPECIES ACT OF 1973, AS AMENDED**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 ensure 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 it has determined if its 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 an adverse modification of proposed critical habitat.

SECTION 7(c) - Biological Assessment for Construction Projects *

Requires federal agencies or their designees to prepare a Biological Assessment (BA) for construction projects only. The purpose of the BA is to identify any proposed and/or listed species which is/are 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, please verify the accuracy of the list with our Service. No irreversible commitment of resources is to be made during the BA process which would result in violation of the requirements under Section 7(a) of the Act. 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 onsite inspection of the area to be affected by the proposal, which may include a detailed survey of the area to determine if the species is present and whether suitable habitat exists for either expanding the existing population or potential reintroduction of the species; (2) review literature and scientific data to determine species distribution, habitat needs, and other biological requirements; (3) interview experts including those within the FWS, National Marine Fisheries Service, state conservation department, 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 in terms of individuals and populations, including consideration of cumulative effects of the proposal on the species and its 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. Upon completion, the report should be forwarded to our Moses Lake Office, P.O. Box 1157, Moses Lake, WA 98837.

* "Construction project" means any major federal action which significantly affects the quality of the human environment (requiring an EIS), designed primarily to result in the building or erection of human-made structures such as dams, buildings, roads, pipelines, channels, and the like. Biological evaluations are recommended for other federal actions such as permits, grants, licenses, federal authorizations or approval which may result in construction.

DISSEMINATION CENTERS FOR REGION 1

National Wetland Inventory maps may be purchased from the following dissemination centers.

Regional Dissemination Center:

USGS Western Mapping Center - ESIC
..... U.S. Geological Survey
..... 345 Middlefield Road, M.S. 532
..... Menlo Park, California 94025
..... (415)329-4309

State and Territory Dissemination Centers:

Guam Director
Bureau of Planning
Government of Guam
Agana, Guam 96910

Hawaii Board of Land and Natural Resources
Division of Forestry and Wildlife,
Technical Services
P.O. Box 621
Honolulu, Hawaii 96889
(808) 548-2861

Oregon Oregon Division of State Lands
ATTN: Janet Morlan
775 Summer Street NE
Salem, Oregon 97310
(503)378-3805

Washington Washington Department of Ecology
Shorelands Division
ATTN: Joan Velikanje
P.O. Box 47690
Olympia, Washington 98504-7690
~~(206)~~407-7257

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When ordering maps it is necessary to provide the name(s) of the corresponding USGS map(s) that covers the area(s) of interest.