



PERMIT # 12-234
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WASHINGTON STATE SCIENTIFIC COLLECTION PERMIT

Washington Department of Fish and Wildlife, Attn: SCP
600 Capitol Way North
Olympia, WA 98501
(360) 902-2464

RCW 77-32-240, WAC 220-20-045.

Permit holder is authorized to collect fish, shellfish, wildlife, or the nests of birds, as provided herein and under the Permit Conditions for:

- ☐ Display ☒ Research ☒ Electrofishing
☐ Education ☐ Stream Assessment ☐ Scientific Investigation

Starting Date: June 14, 2012

Expiration Date: June 14, 2013

Permit Holder: Kenneth M. Lujan Agency: USFWS Address: 201 Oklahoma Rd Willard, WA 98605	Telephone: 509-538-2400 Email: Kenneth_lujan@fws.gov
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Sub-Permit Holder(s): Casey Jackson Risley Chris Hankin David Thompson Joe Zendt Larry Caton Laura Sprague	Mark Doulos Mary Peters Matt Stinson Rod Engle Sonia Mumford Spencer Meinzer Susan Gutenberger
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Species:	Number:	Location:	Method of Collection:
Brook Trout	60	Benton, Clark, Columbia, Cowlitz, Ferry,	Electrofishing, traps, and seines.
Rainbow Trout	60	Franklin, Garfield, Klickitat, Okanogan,	Electrofishing, traps, and seines.
Brown Trout	60	Pacific, Pend Oreille, Skamania, Spokane,	Electrofishing, traps, and seines.
Chiselmouth	60	Walla Walla, Whitman, and Yakima	Electrofishing, traps, and seines.
Dace	60	Counties.	Electrofishing, traps, and seines.
Sucker	60		Electrofishing, traps, and seines.
Redside Shiner	60		Electrofishing, traps, and seines.
Largemouth Bass	60		Electrofishing, traps, seines, and angling.
Smallmouth Bass	60		Electrofishing, traps, seines, and angling.
Common Carp- Adults	60		Electrofishing, traps, and seines.
Common Carp- Juveniles	60		Electrofishing, traps, and seines.
American Shad- Adults	200		Electrofishing, traps, seines, and angling.
American Shad- Juveniles	200		Electrofishing, traps, and seines.
Northern Pikeminnow	60		Electrofishing, traps, seines, and angling.
Pacific Lamprey	≤ 60		Electrofishing, traps, and seines.
Brook Lamprey	≤ 60		Electrofishing, traps, and seines.
Brown Bullhead	≤ 60		Electrofishing, traps, and seines.
Yellow Perch	≤ 60		Electrofishing, traps, and seines.
Bluegill	≤ 60		Electrofishing, traps, and seines.
Steelhead	≤ 60		Electrofishing.
Brook Trout	≤ 500		Electrofishing.
Pacific Giant Salamander	≤ 60		Electrofishing and netting.
Cutthroat Trout	≤ 60		Electrofishing, traps, seines, and angling.

GENERAL PERMIT CONDITIONS:

1. A Scientific Collection Permit is non-transferable.
2. A copy of this permit must be in the possession of any person exercising the privileges authorized by this permit.
3. The Permit Holder is responsible for ensuring that all Sub-Permit Holders are qualified and experienced to conduct the specified activities and comply with all conditions of this permit. Only those Sub-Permit Holder(s) listed on the permit are authorized to engage in permitted activities.
4. Please note that compliance with Scientific Collection Permit requirements and permit conditions does not ensure compliance with federal, local, or other state laws. Collection of state or federal endangered or threatened species, state sensitive species, or state or federal candidate species is prohibited unless specifically authorized in this permit. Collection of game birds or game animals is prohibited unless specifically authorized in this permit. Collection of migratory birds, marine mammals, and any species listed under the federal Endangered Species Act may require a federal permit before collecting.

For any collection/research activity of marine mammals and/or federally-protected anadromous and marine fish species, etc., contact NOAA-National Marine Fisheries Service at <http://www.nmfs.noaa.gov/endangered.htm> or 503-230-5400. For any collection/research activity of migratory birds, resident fish species (bull trout) and/or federally-protected wildlife, contact U.S. Fish and Wildlife Service at <http://endangered.fws.gov> or 360-753-9440.

5. This permit does not authorize collection from non-WDFW protected lands or waters (may include but not exclusive to: parks, reserves, refuges, natural areas, conservation areas, tribal lands, monuments, etc.). This permit does not authorize trespassing on private or restricted public lands. Additional permits issued by landowners/managers may be required.
6. No collection shall occur in WDFW conservation and wildlife areas or marine preserves, unless otherwise specified in this permit.
7. Specimens acquired under this permit remain the property of the state and will not be offered for sale or sold or used for commercial purposes or human consumption. Exchange or transfer of specimens, unless otherwise specified in this permit, requires prior written approval from the Director of WDFW.
8. Employees of WDFW have the right to inspect the collection activities authorized by this permit.
9. Vessels engaged in collection activities shall display a sign "RESEARCH," readable at 100 feet to unaided vision.
10. Permit Holders using unattended equipment must have attached to that equipment, a tag clearly marked with the permit number and name and current address of the Permit Holder. The address used may be that of the organization the Permit Holder represents, e.g., university, company, or corporation.
11. Permit Holders are prohibited from using anesthetics at times and in places where fish may be subject to "catch and keep" fisheries within 21 days. Irritants or poisons are prohibited at all times.
12. Unless otherwise specified in this permit, release of specimens is allowed only at the exact capture site immediately after capture. Release of fish and marine and freshwater invertebrates at any other site or time requires a transport, release, or planting permit. The conditions of this permit may specify that no release of certain specimens is allowed. Contact WDFW Fish Program (360-902-2700) or Wildlife Program (360-902-2515) for further information.
13. **Reporting Requirements:**
Reports must be submitted to WDFW upon completion of the display or research project, and must be received no later than 60 days after the expiration of the permit. All reports submitted to WDFW shall include Permit Holder's name and permit number.
 - ☐ For **anadromous fish and freshwater collections**, the report shall include the 1) Date of collection; 2) Species name (for invertebrates, to the lowest taxonomic level possible); 3) Numbers of each species encountered and/or retained; 4) Location of each sample site, including county, water body, and latitude/longitude or GPS coordinates; 5) Disposition of specimens. This information is to be recorded at each capture site and includes ALL species encountered (or impacted by the collection activity) even if not retained or meant for the study.
 - ☐ For **marine collections**, the report shall include the 1) Date of collection; 2) Species name (to the lowest taxonomic level possible); 3) Numbers of each species encountered and/or retained; 4) Location of each sample site, including county, water

body, and latitude/longitude or GPS coordinates; 5) Disposition of specimens. This information is to be recorded at each capture site and includes ALL classified and unclassified species encountered (or impacted by the collection activity) even if not retained or meant for the study. IN ADDITION, for:

- **Rock scallops** (*Crassodoma gigantea*) include: specific location, mortality of any rock scallop during collection, exact position and depth of specimens collected, and shell length measured from edge to edge at the widest part of the shell.
- **Octopus** (*Enteroctopus dofleini*) include: specific location, individual weight, depth, and sex of octopus taken.
- **Geoduck** (*Panopea abrupta*) include: specific location, gear used, depth, and individual weight of geoducks taken.

- For **wildlife collections**, the report shall include the 1) Date of collection; 2) Species name (common and scientific) with number collected, number released, and disposition of retained individuals; 3) Location of collection, with one or more of the following: legal description (Township, Range, Section, and 1/4 and 1/16 Section), map with location indicated, UTM coordinates, or latitude/longitude coordinates.

SPECIAL CONDITIONS:

SCP shall not be valid for the take or handling of ESA-listed species unless permit holder has obtained all necessary federal ESA take authorization(s) (A Section 7 or 10 must be attached to be valid in the State of Washington).

An annual report is required, indicating the numbers of each targeted and non-targeted species collected, the location of their capture, the method of capture, the date of capture, and the disposition of these specimens. This information is to be recorded at the capture site, and the report shall be submitted to WDFW within 60 days of project completion.

Non-target species must be returned immediately to the water in a fashion that will not injure them or cause mortality.

SCP does not allow for trespassing on private property. No collecting is allowed on private property without approval from the landowner.

To prevent the spreading of aquatic invasive species, permit holder shall follow the procedures in the attachment, WDFW Protocols For Field Work Version 1 dated July 26, 2011 (or the latest version of this document). For additional information on aquatic invasive species, please visit the WDFW website at <http://wdfw.wa.gov/ais/>.

At least 5 business days prior to initiating fish salvage or collection activities in the Snake River, Walla Walla County, or Columbia County, permit holder shall notify WDFW district fish biologist Glen Mendel (509-382-1005 or Glen_Mendel@dfw.wa.gov) with a detailed description of specific sampling sites, collection locations, and collection methodology. This is necessary to avoid compromising other aquatic monitoring and research activities in the basin.

Amphibians

1. Provide the following information for animals captured:
 - a.) Date of collection.
 - b.) Species common or scientific name.
 - c.) Number collected, number released, and disposition of retained individuals
 - d.) Location of collection. Include one of the following:
 - 1.) Legal description (Township, Range, Section and 1/4 and 1/16 section)
 - 2.) Map with location indicated
 - 3.) UTM or Lat long coordinates.
2. WDFW is concerned about the spread of disease, particularly Chytrid fungus, by researchers working with pond breeding amphibians. WDFW is asking Scientific Collection Permittees to initiate the following measures after visiting ponds/wetlands to reduce the potential of disease transmission:
 - a.) All field equipment including shoes and cages should be sterilized. It is recommended that field equipment be dipped in a

10% bleach solution or an anti fungal/anti bacterial solution for ten minutes, and then rinsed with clean water.

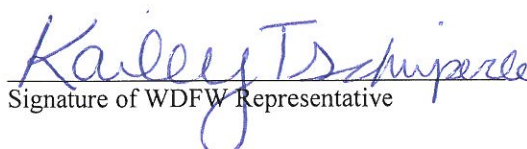
b.) Please remember that bleach solutions don't work in the presence of organic matter (dirt, mud, blood, feces). All items to be disinfected must first be cleaned of organic matter. Bleach solutions lose their effectiveness over time, so a fresh solution should be made up at the beginning of every field day.

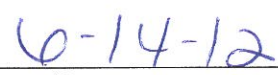
The undersigned agrees to comply with the general and special conditions of this Scientific Collection Permit, and agrees to file a final report within 60 days of the expiration date of the permit.

This permit is not valid until signed by the permit holder and returned to WDFW either electronically or through the mail.

Signature of Permit Holder

Date


Signature of WDFW Representative


Date

THIS PERMIT MAY BE REVOKED OR MODIFIED AT THE DISCRETION OF THE DIRECTOR OR THE DIRECTOR'S DESIGNEE.