

**State of California
Office of Administrative Law**

In re:
Department of Fish and Wildlife

Regulatory Action:

Title 14, California Code of Regulations

Adopt sections:

Amend sections: 650, 703

Repeal sections:

**NOTICE OF APPROVAL OF REGULATORY
ACTION**

Government Code Section 11349.3

OAL Matter Number: 2024-1015-01

OAL Matter Type: Regular (S)

This action by the Department of Fish and Wildlife amends and makes current the California Terrestrial and Vernal Pool Invertebrates of Conservation Priority List (TVPICP List) applicable to Scientific Collection Permits issued pursuant to Fish and Game Code sections 1002 and 1002.5

OAL approves this regulatory action pursuant to section 11349.3 of the Government Code. This regulatory action becomes effective on 1/1/2025.

Date: November 26, 2024



Digitally signed by Mark
Storm
Date: 2024.11.26 11:35:00
-08'00'

**Mark Storm
Senior Attorney**

**For: Kenneth J. Pogue
Director**

**Original: Charlton Bonham, Director
Copy: Mike Randall**

REGULAR

For use by Secretary of State only

STD. 400 (REV. 10/2019)

OAL FILE NUMBERS	NOTICE FILE NUMBER Z-2024-0806-07	REGULATORY ACTION NUMBER 2024-1015-015	EMERGENCY NUMBER
------------------	---	--	------------------

For use by Office of Administrative Law (OAL) only

OFFICE OF ADMINISTRATIVE LAW

Electronic Submission

RECEIVED DATE 08/06/2024	PUBLICATION DATE 08/16/2024
------------------------------------	---------------------------------------

OFFICE OF ADMIN. LAW
 2024 OCT 15 @ 4:59pm

ENDORSED - FILED
 in the office of the Secretary of State
 of the State of California

NOV 26 2024
 AB 1:58 PM

NOTICE	REGULATIONS
AGENCY WITH RULEMAKING AUTHORITY Department of Fish and Wildlife	AGENCY FILE NUMBER (If any)

A. PUBLICATION OF NOTICE (Complete for publication in Notice Register)

1. SUBJECT OF NOTICE SCP Terrestrial & Vernal Pool Invert List 2024	TITLE(S) 14	FIRST SECTION AFFECTED 650, 703	2. REQUESTED PUBLICATION DATE August 16, 2024
3. NOTICE TYPE <input checked="" type="checkbox"/> Notice re Proposed Regulatory Action <input type="checkbox"/> Other	4. AGENCY CONTACT PERSON Mike Randall	TELEPHONE NUMBER 916-902-9109	FAX NUMBER (Optional)
OAL USE ONLY <input type="checkbox"/> Approved as Submitted <input type="checkbox"/> Approved as Modified <input type="checkbox"/> Disapproved/Withdrawn	5. NOTICE REGISTER NUMBER	6. PUBLICATION DATE	

B. SUBMISSION OF REGULATIONS (Complete when submitting regulations)

1a. SUBJECT OF REGULATION(S) SCP Terrestrial and Vernal Pool Invertebrate list updates 2024	1b. ALL PREVIOUS RELATED OAL REGULATORY ACTION NUMBER(S)
--	--

2. SPECIFY CALIFORNIA CODE OF REGULATIONS TITLE(S) AND SECTION(S) (Including title 26, if toxics related)	
SECTION(S) AFFECTED (List all section number(s) individually. Attach additional sheet if needed.)	ADOPT
TITLE(S) 14	AMEND 650, 703
	REPEAL

3. TYPE OF FILING	4. ALL BEGINNING AND ENDING DATES OF AVAILABILITY OF MODIFIED REGULATIONS AND/OR MATERIAL ADDED TO THE RULEMAKING FILE (Cal. Code Regs. title 1, §44 and Gov. Code §11347.1)		
<input checked="" type="checkbox"/> Regular Rulemaking (Gov. Code §11346)	<input type="checkbox"/> Certificate of Compliance: The agency officer named below certifies that this agency complied with the provisions of Gov. Code §§11346.2-11347.3 either before the emergency regulation was adopted or within the time period required by statute.	<input type="checkbox"/> Emergency Readopt (Gov. Code, §11346.1(h))	<input type="checkbox"/> Changes Without Regulatory Effect (Cal. Code Regs., title 1, §100)
<input type="checkbox"/> Resubmittal of disapproved or withdrawn nonemergency filing (Gov. Code §§11349.3, 11349.4)	<input type="checkbox"/> Resubmittal of disapproved or withdrawn emergency filing (Gov. Code, §11346.1)	<input type="checkbox"/> File & Print	<input type="checkbox"/> Print Only
<input type="checkbox"/> Emergency (Gov. Code, §11346.1(b))	<input type="checkbox"/> Other (Specify) _____		

5. EFFECTIVE DATE OF CHANGE (Gov. Code, §§ 11343.4, 11346.1(d), Cal. Code Regs., title 1, §100)	6. CHECK IF THESE REGULATIONS REQUIRE NOTICE TO, OR REVIEW, CONSULTATION, APPROVAL OR CONCURRENCE BY, ANOTHER AGENCY OR ENTITY		
<input checked="" type="checkbox"/> Effective January 1, April 1, July 1, or October 1 (Gov. Code §11343.4(a))	<input type="checkbox"/> Effective on filing with Secretary of State	<input type="checkbox"/> §100 Changes Without Regulatory Effect	<input type="checkbox"/> Effective other (Specify) _____
	<input type="checkbox"/> Department of Finance (Form STD. 399) (SAM §6660)	<input type="checkbox"/> Fair Political Practices Commission	<input type="checkbox"/> State Fire Marshal
	<input type="checkbox"/> Other (Specify) _____		

7. CONTACT PERSON Mike Randall	TELEPHONE NUMBER 916-902-9109	FAX NUMBER (Optional)	E-MAIL ADDRESS (Optional) mike.randall@wildlife.ca.gov
-----------------------------------	----------------------------------	-----------------------	---

I certify that the attached copy of the regulation(s) is a true and correct copy of the regulation(s) identified on this form, that the information specified on this form is true and correct, and that I am the head of the agency taking this action, or a designee of the head of the agency, and am authorized to make this certification.

SIGNATURE OF AGENCY HEAD OR DESIGNEE <i>CH Bonham</i>	DATE 10/14/24
TYPE OF NAME AND TITLE OF SIGNATORY Charlton H. Bonham, Director	

For use by Office of Administrative Law (OAL) only

ENDORSED APPROVED

NOV 26 2024

Office of Administrative Law

Regulatory Text

Section 650, Title 14, California Code of Regulations is hereby amended as follows:

§ 650. Scientific Collecting Permits: Permits to Take or Possess Wildlife for Scientific, Educational, and/or Propagation Purposes.

(a) General Provisions. Except as otherwise authorized by the Fish and Game Code or regulations adopted pursuant thereto, it shall be unlawful for any person or entity to take and/or possess live or dead wildlife, or parts thereof in any part of the State of California, for scientific, educational, and/or propagation purposes except as authorized by a permit issued by the department pursuant to this Section. It shall be unlawful for any person operating under a permit issued pursuant to this Section to violate any authorizations, conditions, or terms of the permit, or otherwise fail to comply with, or violate, this Section.

... [No changes to subsections (a)(1) through (7)]

(8) This Section does not apply to the take or possession of threatened, endangered, or candidate species under the California Endangered Species Act, Fish and Game Code section 2050 et seq., or fully protected species under Fish and Game Code sections 3511, 4700, 5050, or 5515, and the Department shall not issue permits pursuant to this Section for any threatened, endangered, candidate, or fully protected species.

(9) Where specified in this section, the "Table 1 - California Terrestrial and Vernal Pool Invertebrates of Conservation Priority List" (Revised January 2, 2024, hereafter referred to as "TVPICP List") is hereby incorporated by reference, and is available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>.

... [No changes to subsections (b) through (h)]

(i) Permit Use Levels. Applications for the following permit use levels may be considered for Entity, Individual, and Student Permitholders:

(1) A General Use permit:

- (A) May only be issued for activities that may have broad or general temporal and geographic scope, such as general research and education-based activities, involving certain non-invasive or standardized methods and procedures with low levels of accidental injury or mortality, and non-sensitive and/or common wildlife;
- (B) May only be issued for select wildlife taxonomic groups under the responsibility of a single department review program (Inland Fisheries, Marine, and Terrestrial Wildlife);
- (C) May only be issued with select Authorizations describing pre-determined and/or excluded activities, species, methods, and locations, as specified in the application forms for General Use permits listed in subsection 703(c) of these regulations;
- (D) ~~Is required when~~ May be issued for incidental take of terrestrial invertebrates covered on the California Terrestrial and Vernal Pool Invertebrates of Conservation Priority list (dated June 12, 2017, available at

~~<https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>~~, hereby incorporated by reference, may be incidentally taken that are otherwise exempt from a permit, pursuant to subsection ~~650(u)(5)~~ listed on the TVPICP List during the course of field activities; and

(E) May only be amended pursuant to subsection 650(l)(2).

(2) A Specific Use permit:

(A) May only be issued for an individual study, or a planned undertaking, either of which shall meet the requirements of subsections 650(c) and 650(b)(19) of these regulations. An individual study involves activity(ies) that address specific research question(s), or achieves goals and objectives of defined temporal and geographic scope. A planned undertaking may involve one or more studies, or may involve multiple activities sharing a fundamental scope with unifying goals and objectives;

(B) May be issued for wildlife taxonomic groups under the responsibility of one or more department review programs (Inland Fisheries, Marine, and Terrestrial Wildlife), as determined by the department. The taxonomic groups, conservation status of the species or wildlife, invasiveness of proposed methods or procedures, or proposed locations of studies may result in a planned undertaking being ineligible for a single Specific Use permit, and instead require more than one Specific Use permit, or a combination of General Use and Specific Use permits;

(C) May be issued for wildlife and species, activities, and methods that may or may not otherwise be authorized under a General Use permit, as specified in the application form for Specific Use permits listed in subsection 703(c) of these regulations, and where permit conditions may be developed as appropriate;

(D) May be issued for intentional take and/or possession of terrestrial invertebrates covered on the ~~California Terrestrial and Vernal Pool Invertebrates of Conservation Priority list (dated June 12, 2017, available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>)~~ listed on the TVPICP List; and

(E) May only be amended pursuant to subsection 650(l)(3).

... [No changes to subsections (j) through (t)]

(u) Exemptions. The following activities do not require a permit pursuant to this Section:

(1) Federally recognized tribes and their members possessing accidentally killed or legally acquired dead wildlife that is not a big game, rare, threatened, endangered, or fully protected species.

(2) Entities or persons performing monitoring activities for dreissenid mussels in waterbodies or water supply systems as defined in Sections 672(a)(10) and (11) of these regulations under a department-approved Dreissenid Mussel Control Plan pursuant to subsection 672.1(a), or a department-reviewed Prevention Program pursuant to subsection 672.1(b) of these regulations.

- (3) Routine water or sediment sampling for chemical, bacterial, or other analyses as required by government regulation or mandate when aquatic, freshwater, or benthic invertebrates, or other wildlife are not being targeted. This exemption does not apply for the following activities in marine waters:
- (A) Sediment sampling in eelgrass beds, kelp forests, or Marine Managed Areas, Marine Protected Areas, or Special Closures pursuant to subsection 632(a)(9) of these regulations, and for Rockfish Conservation Areas described in sections 27.20 through 29.85 of these regulations.
 - (B) Water sampling within Marine Managed Areas, Marine Protected Areas, or Special Closures pursuant to subsection 632(a)(9) of these regulations.
- (4) The take or possession for scientific, educational, or propagation purposes, if it is authorized in another approval issued by the department, such as in a permit issued under the Natural Community Conservation Planning Act.
- (5) Take or possession of terrestrial and vernal pool invertebrates for scientific, educational, or propagation purposes, ~~if those invertebrates are not~~ unless the species are:
- (A) ~~Listed on the California Terrestrial and Vernal Pool Invertebrates of Conservation Priority list (dated June 12, 2017, available at https://www.wildlife.ca.gov/Licensing/Scientific_Collecting), TVPICP List; or~~
 - (B) Those invertebrates that occur only in vernal pools, or occur in other ephemeral waters that support vernal pool invertebrates, but do not normally support finfish.
- (6) Take or possession of terrestrial plants, and freshwater plants and algae. Persons wanting to take or possess rare, threatened, and/or endangered plant species shall obtain a scientific, educational or management permit, pursuant to Section 786.9 of these regulations, or sections 1900 et seq. or 2080 et seq. of the Fish and Game Code.

NOTE: Authority cited: Sections 702, 1002, 1002.5, 1003, 1050, 2860 and 4810, Fish and Game Code.

Reference: Sections 14, 22, 33, 45, 51, 54, 56, 79, 80, 86, 88, 89.5, 703.3, 710.5, 711.7, 713, 1001, 1002, 1006, 1008, 1017, 1050, 1050.1, 1050.3, 1050.5, 1052, 1054, 1054.2, 1603, 1700, 1755, 1764, 1801, 1802, 1907, 2000, 2000.5, 2002, 2010, 2012, 2013, 2021, 2080, 2081, 2353, 2582, 2583, 2835, 3007, 3503, 3503.5, 3511, 3960.4, 4004, 4150, 4155, 4700, 4810, 5050, 5515, 8598.3 and 12000, Fish and Game Code; Section 597, Penal Code; and Sections 36602 and 36710, Public Resources Code.

Regulatory Text

Section 703, Title 14, CCR, is hereby amended as follows:

§ 703. Miscellaneous Applications, Tags, Seals, Licenses, Permits, and Fees.

...[No changes to subsections (a) and (b)]

(c) Applications, Forms and Fees for multi-year permits valid from date of issuance.

(1) Scientific Collecting Permits (SCPs)

(A) Application and Permit Fees

The application fee and amendment fee is non-refundable for all permit categories and types. Application and amendment fees shall be submitted with an application, and the permit fee is due within 60 calendar days upon notice of permit approval, or the Department may refuse to issue the permit and change the approval into a denial. The application fee is required, should an applicant re-apply. All fees are subject to Section 713 of Fish and Game Code, and may be adjusted to include other fees required by license agents, pursuant to Fish and Game Code Section 1055.

1. General Use application and permit fees are required per the department review program as outlined in Title 14, Section 650(d), CCR. Specific Use application and permit fees include all department review programs.

	<i>Application Fee</i>	<i>Permit Fee</i>
a. Scientific Collecting Permit, General Use -- Application: Inland Fisheries (form DFW 1379GF, New 09/01/17, incorporated by reference herein); Marine (form DFW 1379GM, New 09/01/17, incorporated by reference herein); and Terrestrial Wildlife (form DFW 1379GW, New 09/01/17 <u>Rev 01/2024</u> , incorporated by reference herein). Fees are for new and renewing Individual and Entity Permitholders.	\$44.76	\$185.34
b. Scientific Collecting Permit, General Use -- Application (Student). Use Application forms DFW 1379GW, GF and/or GM. Fees are for new and renewing Student Permitholders.	\$25.00	\$50.00
c. Scientific Collecting Permit, Specific Use -- Application (form DFW 1379S, New 09/01/17 <u>Rev 01/2024</u> , incorporated by reference herein). Fees are for new and renewing Individual and Entity Permitholders.	\$71.62	\$269.08
d. Scientific Collecting Permit, Specific Use -- Application (Student). Use Application form DFW 1379S. Fees are for new and renewing Student Permitholders.	\$25.00	\$50.00

(B) Application request for SCP Amendment.

1.	Individual and Entity Permitholders -- General Amendments may be requested for General Use level permits only. Specific Amendments may be requested for Specific Use level permits only.	
		<i>Amendment Fee</i>
a.	Scientific Collecting Permit, General Use -- Amendment: Inland Fisheries (form DFW 1379GFA, New 09/01/17, incorporated by reference herein); Marine (form DFW 1379GMA, New 09/01/17, incorporated by reference herein); Terrestrial Wildlife (form DFW 1379 GWA, New 09/01/17 <u>Rev 01/2024</u> , incorporated by reference herein)	\$61.04
b.	Scientific Collecting Permit, Specific Use -- Amendment (form DFW 1379SA, New 09/01/17 <u>Rev 01/2024</u> , incorporated by reference herein)	\$89.28
2.	Students -- Amendments may be requested for General and Specific use level permits.	
a.	Scientific Collecting Permit Amendment -- Student (use forms DFW 1379GFA, GMA, GWA and/or SA)	\$25.00

(C) Additional forms for all Permitholders.

1.	Scientific Collecting -- Mandatory Wildlife Report (form DFW 1379a, New 09/01/17, incorporated by reference herein)	No Fee
2.	Scientific Collecting -- Notification of Field Work or Activity (form DFW 1379b, New 07/01/17, incorporated by reference herein)	No Fee
3.	Transfer of Possession -- Chain of Custody (form DFW 1379c, New 07/01/17, incorporated by reference herein)	No Fee
4.	Scientific Collecting -- Standard Conditions for All Permits (form DFW 1379d, New 07/01/17, incorporated by reference herein)	No Fee

NOTE: Authority cited: Sections 713, 1002, 1002.5, 1050, 1055, 2118, 2120, 2122, 2150, 2150.2, 2157 and 5060, Fish and Game Code.

Reference: Sections 395, 396, 398, 713, 1002, 1002.5, 1050, 2116, 2116.5, 2117, 2118, 2120, 2125, 2150, 2150.2, 2150.4, 2151, 2157, 2190, 2193, 2271, 3005.5, 3007, 3503, 3503.5, 3511, 3513, 3950, 5060, 5061, 10500, 12000 and 12002, Fish and Game Code; and Title 50, Code of Federal Regulations, Parts 21.29 and 21.30.

Regulatory Text

Section 703, Title 14, CCR, is hereby amended as follows:

§ 703. Miscellaneous Applications, Tags, Seals, Licenses, Permits, and Fees.

...[No changes to subsections (a) and (b)]

(c) Applications, Forms and Fees for multi-year permits valid from date of issuance.

(1) Scientific Collecting Permits (SCPs)

(A) Application and Permit Fees

The application fee and amendment fee is non-refundable for all permit categories and types. Application and amendment fees shall be submitted with an application, and the permit fee is due within 60 calendar days upon notice of permit approval, or the Department may refuse to issue the permit and change the approval into a denial. The application fee is required, should an applicant re-apply. All fees are subject to Section 713 of Fish and Game Code, and may be adjusted to include other fees required by license agents, pursuant to Fish and Game Code Section 1055.

1. General Use application and permit fees are required per the department review program as outlined in Title 14, Section 650(d), CCR. Specific Use application and permit fees include all department review programs.

	<i>Application Fee</i>	<i>Permit Fee</i>
a. Scientific Collecting Permit, General Use -- Application: Inland Fisheries (form DFW 1379GF, New 09/01/17, incorporated by reference herein); Marine (form DFW 1379GM, New 09/01/17, incorporated by reference herein); and Terrestrial Wildlife (form DFW 1379GW, New 09/01/17 Rev 01/2024, incorporated by reference herein). Fees are for new and renewing Individual and Entity Permitholders.	\$44.76	\$185.34
b. Scientific Collecting Permit, General Use -- Application (Student). Use Application forms DFW 1379GW, GF and/or GM. Fees are for new and renewing Student Permitholders.	\$25.00	\$50.00
c. Scientific Collecting Permit, Specific Use -- Application (form DFW 1379S, New 09/01/17 Rev 01/2024, incorporated by reference herein). Fees are for new and renewing Individual and Entity Permitholders.	\$71.62	\$269.08
d. Scientific Collecting Permit, Specific Use -- Application (Student). Use Application form DFW 1379S. Fees are for new and renewing Student Permitholders.	\$25.00	\$50.00

(B) Application request for SCP Amendment.

1.	Individual and Entity Permitholders -- General Amendments may be requested for General Use level permits only. Specific Amendments may be requested for Specific Use level permits only.	
		<i>Amendment Fee</i>
a.	Scientific Collecting Permit, General Use -- Amendment: Inland Fisheries (form DFW 1379GFA, New 09/01/17, incorporated by reference herein); Marine (form DFW 1379GMA, New 09/01/17, incorporated by reference herein); Terrestrial Wildlife (form DFW 1379 GWA, New 09/01/17 <u>Rev 01/2024</u> , incorporated by reference herein)	\$61.04
b.	Scientific Collecting Permit, Specific Use -- Amendment (form DFW 1379SA, New 09/01/17 <u>Rev 01/2024</u> , incorporated by reference herein)	\$89.28
2.	Students -- Amendments may be requested for General and Specific use level permits.	
a.	Scientific Collecting Permit Amendment -- Student (use forms DFW 1379GFA, GMA, GWA and/or SA)	\$25.00

(C) Additional forms for all Permitholders.

1.	Scientific Collecting -- Mandatory Wildlife Report (form DFW 1379a, New 09/01/17, incorporated by reference herein)	No Fee
2.	Scientific Collecting -- Notification of Field Work or Activity (form DFW 1379b, New 07/01/17, incorporated by reference herein)	No Fee
3.	Transfer of Possession -- Chain of Custody (form DFW 1379c, New 07/01/17, incorporated by reference herein)	No Fee
4.	Scientific Collecting -- Standard Conditions for All Permits (form DFW 1379d, New 07/01/17, incorporated by reference herein)	No Fee

NOTE: Authority cited: Sections 713, 1002, 1002.5, 1050, 1055, 2118, 2120, 2122, 2150, 2150.2, 2157 and 5060, Fish and Game Code.

Reference: Sections 395, 396, 398, 713, 1002, 1002.5, 1050, 2116, 2116.5, 2117, 2118, 2120, 2125, 2150, 2150.2, 2150.4, 2151, 2157, 2190, 2193, 2271, 3005.5, 3007, 3503, 3503.5, 3511, 3513, 3950, 5060, 5061, 10500, 12000 and 12002, Fish and Game Code; and Title 50, Code of Federal Regulations, Parts 21.29 and 21.30.

California Terrestrial and Vernal Pool Invertebrates of Conservation Priority¹

Species	Federal ESA	CA ESA	G-Rank	S-Rank	Other Statuses
GASTROPODA (Snails and slugs)					
<i>Ammonitella yatesii</i> tight coin (=Yates' snail)	None	None	G1	S1	IUCN - Vulnerable
<i>Ancotrema voyanum</i> hooded lancetooth	None	None	G1G2	S1S2	BLM-Sensitive
<i>Assiminea infima</i> Badwater snail	None	None	G1	S1	IUCN - Vulnerable
<i>Binneya notabilis</i> Santa Barbara shelled slug	None	None	G1	S1	IUCN - Data Deficient
<i>Eremarionta immaculata</i> white desertsnailed	None	None	G1	S1	IUCN - Vulnerable
<i>Eremarionta millepalmarum</i> Thousand Palms desertsnailed	None	None	G1	S1	IUCN - Vulnerable
<i>Eremarionta morongoana</i> Morongo (=Colorado) desertsnailed	None	None	G1G3	S1	IUCN - Near Threatened
<i>Eremarionta rowelli bakerensis</i> Baker's desertsnailed	None	None	G3G4T1	S1	IUCN - Data Deficient
<i>Eremarionta rowelli mccoiana</i> California Mccoysnailed	None	None	G3G4T1	S1	IUCN - Data Deficient
<i>Haplotrema catalinense</i> Santa Catalina lancetooth	None	None	G1	S1	
<i>Haplotrema durantei</i> ribbed lancetooth	None	None	G1G2	S1S2	
<i>Helminthoglypta allynsmithi</i> Merced Canyon shoulderband	None	None	G1	S1	IUCN - Vulnerable
<i>Helminthoglypta arrosa monticola</i> mountain shoulderband	None	None	G2G3T1	S1	
<i>Helminthoglypta arrosa pomoensis</i> Pomo bronze shoulderband	None	None	G2G3T1	S1	IUCN - Data Deficient
<i>Helminthoglypta ayresiana sanctaerucis</i> Ayer's snail	None	None	G1G2T1T2	S1S2	
<i>Helminthoglypta callistoderma</i> Kern shoulderband	None	None	G1	S1	IUCN - Endangered

¹ This list pertains to Scientific Collecting Permit regulations (Title 14, Section 650, California Code of Regulations). The species on this list include vernal pool, terrestrial, and aquatic invertebrates with a terrestrial phase that are listed under the Federal and California Endangered Species Acts, or have a NatureServe rank of G1, G1G2, S1, S1S2, SH or SX. For a full list of invertebrates of conservation concern, see the California Natural Diversity Database *Special Animals List*: <https://www.wildlife.ca.gov/Data/CNDDDB/Plants-and-Animals>.

List generated on June 12, 2017 from a query of the California Natural Diversity Database.

ADOPT

Table 1. California Terrestrial and Vernal Pool Invertebrates of Conservation Priority List

Scientific Name	Common Name	Author, Date	FedList	CalList	S-Rank
ARACHNIDA (spiders and their relatives)					
<i>Aphrastochthonius grubbsi</i>	Grubbs' Cave pseudoscorpion	Muchmore, 1984	—	—	S1
<i>Aphrastochthonius similis</i>	Carlow's Cave pseudoscorpion	Muchmore, 1984	—	—	S1
<i>Banksula californica</i>	Alabaster Cave harvestman	Banks, 1900	—	—	SH
<i>Banksula galilei</i>	Galle's cave harvestman	Briggs, 1974	—	—	S1
<i>Banksula grubbsi</i>	Grubbs' cave harvestman	Briggs and Ubick, 1981	—	—	S1
<i>Banksula incredula</i>	incredible harvestman	Ubick and Briggs, 2002	—	—	S1
<i>Banksula martinorum</i>	Martins' cave harvestman	Briggs and Ubick, 1981	—	—	S1
<i>Banksula melones</i>	Melones Cave harvestman	Briggs, 1974	—	—	S1
<i>Banksula rudolphi</i>	Rudolph's cave harvestman	Briggs and Ubick, 1981	—	—	S1
<i>Banksula tuolumne</i>	Tuolumne cave harvestman	Briggs, 1974	—	—	S1
<i>Banksula tutankhamen</i>	King Tut Cave harvestman	Ubick and Briggs, 2002	—	—	S1
<i>Calicina arida</i>	San Benito harvestman	Ubick and Briggs, 1989	—	—	S1
<i>Calicina breva</i>	Stanislaus harvestman	Briggs, 1968	—	—	S1
<i>Calicina cloughensis</i>	Clough Cave harvestman	Briggs and Hom, 1967	—	—	S1
<i>Calicina conifera</i>	Crane Flat harvestman	Ubick and Briggs, 1989	—	—	S1
<i>Calicina diminua</i>	Marin blind harvestman	Ubick and Briggs, 1989	—	—	S1
<i>Calicina dimorphica</i>	Watts Valley harvestman	Ubick and Briggs, 1989	—	—	S1
<i>Calicina macula</i>	marbled harvestman	Briggs, 1968	—	—	S1
<i>Calicina mesaensis</i>	Table Mountain harvestman	Ubick and Briggs, 1989	—	—	S1
<i>Calicina minor</i>	Edgewood blind harvestman	Briggs and Hom, 1966	—	—	S1
<i>Calicina piedra</i>	Piedra harvestman	Briggs, 1968	—	—	S1
<i>Calileptoneta briggsi</i>	Briggs' leptonetid spider	Ledford, 2004	—	—	S1
<i>Calileptoneta oasa</i>	Andreas Canyon leptonetid spider	Gertsch, 1974	—	—	S1
<i>Calileptoneta ubicki</i>	Ubick's leptonetid spider	Ledford, 2004	—	—	S1
<i>Calileptoneta wapiti</i>	Mendocino leptonetid spider	Gertsch, 1974	—	—	S1

Scientific Name	Common Name	Author, Date	FedList	CalList	S-Rank
<i>Fissilicreagris imperialis</i>	Empire Cave pseudoscorpion	Muchmore, 1969	—	—	S1
<i>Hubbardia idria</i>	Idria short-tailed whipscorpion	Reddell and Cokendolpher, 1991	—	—	S1
<i>Hubbardia secoensis</i>	Arroyo Seco short-tailed whipscorpion	Briggs and Hom, 1988	—	—	S1
<i>Hubbardia shoshonensis</i>	Shoshone Cave whipscorpion	Briggs and Hom, 1972	—	—	S1
<i>Larca aalbei</i>	Aalbu's Cave pseudoscorpion	Muchmore, 1984	—	—	S1
<i>Larca laceyi</i>	Lacey's Cave pseudoscorpion	Muchmore, 1981	—	—	S1
<i>Microcina edgewoodensis</i>	Edgewood Park micro-blind harvestman	Briggs and Ubick, 1989	—	—	S1
<i>Microcina jungi</i>	Jung's micro-blind harvestman	Briggs and Ubick, 1989	—	—	S1
<i>Microcina leei</i>	Lee's micro-blind harvestman	Briggs and Ubick, 1989	—	—	S1
<i>Microcina lumi</i>	Lum's micro-blind harvestman	Briggs and Ubick, 1989	—	—	S1
<i>Neochthonius imperialis</i>	Empire Cave pseudoscorpion	Muchmore, 1996	—	—	S1
<i>Pseudogarypus orpheus</i>	Music Hall Cave pseudoscorpion	Muchmore, 1981	—	—	S1
<i>Socalchemmis gertschi</i>	Gertsch's socialchemmis spider	Platnick and Ubick, 2001	—	—	S1
<i>Socalchemmis icenoglei</i>	Icenogle's socialchemmis spider	Platnick and Ubick, 2001	—	—	S1
<i>Socalchemmis monterey</i>	Monterey socialchemmis spider	Platnick and Ubick, 2001	—	—	S1
<i>Talanites ubicki</i>	Ubick's gnaphosid spider	Platnick and Ovtsharenko, 1991	—	—	S1
<i>Texella deserticola</i>	Whitewater Canyon harvestman	Ubick and Briggs, 1992	—	—	S1
<i>Texella kokoweef</i>	Kokoweef Crystal Cave harvestman	Ubick and Briggs, 1992	—	—	S1
<i>Texella shoshone</i>	Shoshone Cave harvestman	Ubick and Briggs, 1992	—	—	S1
CRUSTACEANS, Order Anomopoda (water fleas)					
<i>Dumontia oregonensis</i>	hairy water flea	Santos-Flores and Dodson, 2003	—	—	S1
CRUSTACEANS, Order Anostraca (fairy shrimp)					
<i>Branchinecta campestris</i>	pocket pouch fairy shrimp	Lynch, 1960	—	—	S1
<i>Branchinecta conservatio</i>	Conservancy fairy shrimp	Eng, Belk and Eriksen, 1990	Endangered	—	S2
<i>Branchinecta longiantenna</i>	longhorn fairy shrimp	Eng, Belk and Eriksen, 1990	Endangered	—	S2
<i>Branchinecta lynchi</i>	vernal pool fairy shrimp	Eng, Belk and Eriksen, 1990	Threatened	—	S3
<i>Branchinecta sandiegonensis</i>	San Diego fairy shrimp	Fugate, 1993	Endangered	—	S1

Scientific Name	Common Name	Author, Date	FedList	CallList	S-Rank
<i>Linderiella santarosae</i>	Santa Rosa Plateau fairy shrimp	Thiéry and Fugate, 1994	—	—	S1
<i>Streptocephalus woottoni</i>	Riverside fairy shrimp	Eng, Belk and Eriksen, 1990	Endangered	—	S2
CRUSTACEANS, Order Notostraca (tadpole shrimp)					
<i>Lepidurus packardi</i>	vernal pool tadpole shrimp	Simon, 1886	Endangered	—	S3
INSECTA, Order Coleoptera (beetles)					
<i>Aegialia concinna</i>	Ciervo aegillian scarab beetle	Gordon & Cartwright, 1977	—	—	S1
<i>Agrilus harenus</i>	Harenus jewel beetle	Nelson, 1994	—	—	S1
<i>Anomala carlsoni</i>	Carlson's dune beetle	Hardy, 1976	—	—	S1
<i>Anomala hardyorum</i>	Hardy's dune beetle	Potts, 1976	—	—	S1
<i>Cicindela hirticollis abrupta</i>	Sacramento Valley tiger beetle	Casey, 1913	—	—	SH
<i>Cicindela latesignata</i>	western beach tiger beetle	LeConte, 1851	—	—	S1
<i>Cicindela ohlone</i>	Ohlone tiger beetle	Freitag & Kavanaugh, 1993	Endangered	—	S1
<i>Cicindela senilis frosti</i>	senile tiger beetle	Varas-Arangua, 1928	—	—	S1
<i>Cicindela tranquebarica joaquinensis</i>	San Joaquin tiger beetle	Knisley and Haines, 2007	—	—	S1
<i>Cicindela tranquebarica viridissima</i>	greenest tiger beetle	Fall, 1910	—	—	S1
<i>Coelus globosus</i>	globose dune beetle	LeConte, 1851	—	—	S1S2
<i>Coelus gracilis</i>	San Joaquin dune beetle	Blaisdell, 1939	—	—	S1
<i>Coenonycha clementina</i>	San Clemente Island coenonycha beetle	Casey, 1909	—	—	S1S2
<i>Cyclocephala wandae</i>	Wandae dune beetle	Hardy, 1974	—	—	S1
<i>Deltaspis ivae</i>	marsh-elder long-horned beetle	Beierl and Barchet-Beierl, 1999	—	—	S1
<i>Desmocerus californicus dimorphus</i>	valley elderberry longhorn beetle	Fisher, 1921	Threatened	—	S3
<i>Dinacoma caseyi</i>	Casey's June beetle	Blaisdell, 1930	Endangered	—	S1
<i>Elaphrus viridis</i>	Delta green ground beetle	Horn, 1878	Threatened	—	S1
<i>Habroscelimorpha gabbii</i>	western tidal-flat tiger beetle	Horn, 1866	—	—	S1
<i>Juniperella mirabilis</i>	juniper metallic wood-boring beetle	Knull, 1947	—	—	S1
<i>Lepismadora algodones</i>	Algodones sand jewel beetle	Velten and Bellamy, 1987	—	—	S1S2
<i>Lichnanthe albipilosa</i>	white sand bear scarab beetle	Carlson, 1980	—	—	S1
<i>Lytta insperata</i>	Mojave Desert blister beetle	Horn, 1874	—	—	S1S2
<i>Microcylloepus formicoideus</i>	Furnace Creek riffle beetle	Shepard, 1990	—	—	S1
<i>Nebria darlingtoni</i>	South Forks ground beetle	Kavanaugh, 1979	—	—	S1

Scientific Name	Common Name	Author, Date	FedList	CallList	S-Rank
<i>Nebria gebleri siskiyouensis</i>	Siskiyou ground beetle	Kavanaugh, 1979	—	—	S1S2
<i>Nebria sahlbergii triad</i>	Trinity Alps ground beetle	Kavanaugh, 1979	—	—	S1
<i>Onychobaris langei</i>	Lange's El Segundo Dune weevil	Van Dyke, 1951	—	—	S1
<i>Palaeoxenus dohrni</i>	Dohrn's elegant eucnemid beetle	Horn, 1878	—	—	S1S2
<i>Polyphylla barbata</i>	Mount Hermon (=barbate) June beetle	Cazier, 1938	Endangered	—	S2
<i>Polyphylla erratica</i>	Death Valley June beetle	Hardy and Andrews, 1978	—	—	S1S2
<i>Polyphylla morroensis</i>	Morro Bay June beetle	La Rue, 2016	—	—	S1
<i>Polyphylla nubila</i>	Atascadero June beetle	Van Dyke, 1947	—	—	S1
<i>Pseudocotalpa andrewsi</i>	Andrew's dune scarab beetle	Hardy, 1971	—	—	S1
<i>Trachykele hartmani</i>	serpentine cypress wood-boring beetle	Burke, 1920	—	—	S1
<i>Trichinorhipis knulli</i>	Knull's metallic wood-boring beetle	Barr, 1948	—	—	S1
<i>Trigonoscuta brunnotesselata</i>	brown tassel trigonoscuta weevil	Pierce, 1975	—	—	S1
<i>Trigonoscuta dorothea dorothea</i>	Dorothy's El Segundo Dune weevil	Pierce, 1975	—	—	S1
<i>Trigonoscuta rothi algodones</i>	Algodones dune weevil	Pierce, 1975	—	—	S1
<i>Trigonoscuta rothi imperialis</i>	Imperial dune weevil	Pierce, 1975	—	—	S1
<i>Trigonoscuta rothi punctata</i>	Punctate dune weevil	Pierce, 1975	—	—	S1
<i>Trigonoscuta rothi rothi</i>	Roth's dune weevil	Pierce, 1975	—	—	S1
<i>Trigonoscuta stantoni</i>	Santa Cruz Island shore weevil	Sleeper, 1975	—	—	S1
INSECTA, Order Diptera (flies)					
<i>Apiocera warneri</i>	Glamis sand fly	Cazier, 1985	—	—	S1
<i>Brennania belkini</i>	Belkin's dune tabanid fly	Philip, 1966	—	—	S1S2
<i>Cophura hurdi</i>	Antioch cophuran robberfly	Hull, 1960	—	—	SX
<i>Efferia antiochi</i>	Antioch efferian robberfly	Wilcox, 1966	—	—	S1S2
<i>Metapogon hurdi</i>	Hurd's metapogon robberfly	Wilcox, 1964	—	—	S1S2
<i>Paracoenia calida</i>	Wilbur Springs shore fly	Mathis, 1975	—	—	S1
<i>Rhaphiomidas terminatus abdominalis</i>	Delhi Sands flower-loving fly	Cazier, 1941	Endangered	—	S1
<i>Rhaphiomidas terminatus terminatus</i>	El Segundo flower-loving fly	Cazier, 1941	—	—	S1
<i>Rhaphiomidas trochilus</i>	San Joaquin Valley giant flower-loving fly	Coquillett, 1892	—	—	S1
INSECTA, Order Hemiptera (true bugs)					
<i>Oravelia pege</i>	Dry Creek cliff strider bug	Drake and Chapman, 1963	—	—	S1
INSECTA, Order Hymenoptera (ants, bees, and wasps)					

Scientific Name	Common Name	Author, Date	FedList	CallList	S-Rank
<i>Andrena blennospermatis</i>	Blennosperma vernal pool andrenid bee	Thorp, 1969	—	—	S1
<i>Andrena subapasta</i>	An andrenid bee	Thorp, 1969	—	—	S1S2
<i>Bombus caliginosus</i>	obscure bumble bee	Frison, 1927	—	—	S1S2
<i>Bombus crotchii</i>	Crotch's bumble bee	Cresson, 1878	—	Candidate ^T	S2
<i>Bombus franklini</i>	Franklin's bumble bee	Frison, 1921	Endangered	Candidate ^T	SH
<i>Bombus morrisoni</i>	Morrison's bumble bee	Cresson, 1878	—	—	S1S2
<i>Bombus occidentalis</i>	western bumble bee	Greene, 1858	—	Candidate ^T	S1
<i>Bombus suckleyi</i>	Suckley's cuckoo bumble bee	Greene, 1860	—	Candidate ^T	S1
<i>Ceratochrysis bradleyi</i>	Bradley's cuckoo wasp	Bohart, 1982	—	—	S1
<i>Ceratochrysis gracilis</i>	Piute Mountains cuckoo wasp	Bohart, 1982	—	—	S1
<i>Ceratochrysis longimala</i>	Desert cuckoo wasp	Bohart, 1982	—	—	S1
<i>Cleptes humboldti</i>	Humboldt cuckoo wasp	Moczar, 1996	—	—	S1S2
<i>Dufourea stagei</i>	Stage's dufourine bee	Bohart, 1980	—	—	S1
<i>Euparagia unidentata</i>	Algodones euparagia	Carpenter and Kimsey, 2009	—	—	S1S2
<i>Hedychridium argenteum</i>	Riverside cuckoo wasp	Kimsey, 1978	—	—	S1S2
<i>Hedychridium milleri</i>	Borax Lake cuckoo wasp	Kimsey, 1978	—	—	S1
<i>Microbembex elegans</i>	Algodones elegant sand wasp	Griswold, 1996	—	—	S1
<i>Myrmosula pacifica</i>	Antioch multilid wasp	Mickel, 1940	—	—	SH
<i>Neolarra alba</i>	white cuckoo bee	Cockerell, 1916	—	—	SH
<i>Paranomada californica</i>	California cuckoo bee	Linsley, 1945	—	—	S1
<i>Parnopes borregoensis</i>	Borrego parnopes cuckoo wasp	Telford, 1964	—	—	S1S2
<i>Perdita algodones</i>	Algodones perdita	Timberlake, 1980	—	—	S1
<i>Perdita frontalis</i>	Imperial Perdita	Timberlake, 1968	—	—	S1S2
<i>Perdita hirticeps luteocincta</i>	yellow-banded andrenid bee	Timberlake, 1960	—	—	SX
<i>Perdita stephanomeriae</i>	a fairy bee	Timberlake, 1954	—	—	S1S2
<i>Protodufourea wasbaueri</i>	Wasbauer's protodufourea bee	Timberlake, 1955	—	—	S1
<i>Protodufourea zavortinki</i>	Zavortink's protodufourea bee	Griswold and Bohart, 1996	—	—	S1
<i>Rhopalolemma robertsi</i>	Roberts' rhopalolemma bee	Roid-Alsina, 1991	—	—	S1
<i>Sedomaya glamisensis</i>	Glamis night tiphiid	Kimsey and Wasbauer, 1999	—	—	S1
<i>Sphaerophthalma ecarinata</i>	Glamis night mutillid	Schuster, 1958	—	—	S1
<i>Sphecodogastra antiochensis</i>	Antioch Dunes halictid bee	McGinley, 2003	—	—	S1
<i>Stictiella villegasi</i>	Algodones sand wasp	Bohart, 1982	—	—	S1
<i>Trachusa gummifera</i>	San Francisco Bay Area leaf-cutter bee	Thorp, 1963	—	—	S1
INSECTA, Order Lepidoptera (butterflies and moths)					

Scientific Name	Common Name	Author, Date	FedList	CalList	S-Rank
<i>Apodemia mormo langei</i>	Lange's metalmark butterfly	Comstock, 1938	Endangered	—	S1
<i>Callophrys mossii bayensis</i>	San Bruno elfin butterfly	Brown, 1942	Endangered	—	S2
<i>Callophrys mossii hidakupa</i>	San Gabriel Mountains elfin butterfly	Emmel, Emmel and Mattoon, 1998	—	—	S1S2
<i>Callophrys sheridanii comstocki</i>	desert green hairstreak	Henne, 1940	—	—	S1S2
<i>Cercyonis pegala carsonensis</i>	Carson Valley wood nymph	Austin, 1992	—	—	S1S2
<i>Chlosyne leanira elegans</i>	Oso Flaco patch butterfly	Priestaf and J. Emmel, 1998	—	—	S1S2
<i>Coenonympha tullia yontockett</i>	Yontockett satyr	Porter and Mattoon, 1989	—	—	S1S2
<i>Danaus plexippus plexippus pop. 1</i>	monarch - California overwintering population	Linnaeus, 1758	Candidate	—	S2
<i>Euphilotes allyni</i>	El Segundo blue butterfly	Shields, 1975	Endangered	—	S1
<i>Euphilotes baueri</i>	Bauer's dotted-blue	Pratt and Emmel, 1998	—	—	S1S2
<i>Euphilotes enoptes smithi</i>	Smith's blue butterfly	Mattoni, 1955	Endangered	—	S2
<i>Euphydryas editha bayensis</i>	Bay checkerspot butterfly	Sternitzky, 1937	Threatened	—	S3
<i>Euphydryas editha monoensis</i>	Mono checkerspot butterfly	Gunder, 1928	—	—	S1S2
<i>Euphydryas editha quino</i>	Quino checkerspot butterfly	Behr, 1863	Endangered	—	S1S2
<i>Euphyes vestris harbisoni</i>	Harbison's dun skipper	Brown and McGuire, 1983	—	—	S1S2
<i>Euproserpinus euterpe</i>	Kern primrose sphinx moth	Edwards, 1888	Threatened	—	S1
<i>Glaucopsyche lygdamus palosverdesensis</i>	Palos Verdes blue butterfly	Perkins and Emmel, 1977	Endangered	—	S1
<i>Hesperia miriamae longaevicola</i>	White Mountains skipper	McGuire, 1998	—	—	S1
<i>Hesperopsis graciellae</i>	MacNeill's sootywing	MacNeill, 1970	—	—	S1S2
<i>Icaricia icarioides albihalos</i>	White Mountains icarioides blue butterfly	J. Emmel, T. Emmel & Mattoon, 1998	—	—	S1
<i>Icaricia icarioides missionensis</i>	Mission blue butterfly	Hovanitz, 1937	Endangered	—	S2
<i>Icaricia icarioides parapheres</i>	Point Reyes blue butterfly	Boisduval, 1852	—	—	S1
<i>Icaricia icarioides pheres</i>	Pheres blue butterfly	Boisduval, 1852	—	—	SX
<i>Icaricia saepiolus albomontanus</i>	White Mountains saepiolus blue butterfly	Austin and Emmel, 1998	—	—	S1
<i>Icaricia saepiolus aureolus</i>	San Gabriel Mountains blue butterfly	J. Emmel, T. Emmel, and Mattoon, 1998	—	—	S1
<i>Lycaena hermes</i>	Hermes copper butterfly	Edwards, 1870	Threatened	—	S1
<i>Lycaena rubidus incana</i>	White Mountains copper	Austin, 1998	—	—	S1

Scientific Name	Common Name	Author, Date	Fedlist	Callist	S-Rank
<i>Pelochrista hennei</i>	Henne's eucosman moth	Clarke, 1947	—	—	S1
<i>Philotiella speciosa bohartorum</i>	Bohart's blue butterfly	Tilden, 1969	—	—	S1
<i>Plebejus anna lotis</i>	lotis blue butterfly	Lintner, 1879	Endangered	—	SH
<i>Plebulina emigdionis</i>	San Emigdio blue butterfly	Grinnell, 1905	—	—	S1S2
<i>Polites mardon</i>	mardon skipper	Edwards, 1881	—	—	S1
<i>Polites sabuleti albamontana</i>	White Mountains sandhill skipper	MacNeill, 1959	—	—	S1S2
<i>Pseudocopaeodes eunus obscurus</i>	Carson wandering skipper	Austin and J. Emmel, 1998	Endangered	—	S2
<i>Pyrgus ruralis lagunae</i>	Laguna Mountains skipper	Scott, 1981	Endangered	—	S1
<i>Speyeria adiaсте adiaсте</i>	unsilvered fritillary	Behr, 1862	—	—	S1S2
<i>Speyeria callippe callippe</i>	callippe silverspot butterfly	Boisduval, 1852	Endangered	—	S1
<i>Speyeria nokomis carsonensis</i>	Carson Valley silverspot	Austin, 1998	—	—	S1
<i>Speyeria zerene behrensii</i>	Behren's silverspot butterfly	Edwards, 1869	Endangered	—	S1
<i>Speyeria zerene hippolyta</i>	Oregon silverspot butterfly	Edwards, 1879	Threatened	—	S1
<i>Speyeria zerene myrtleae</i>	Myrtle's silverspot butterfly	dos Passos and Grey, 1945	Endangered	—	S1
<i>Speyeria zerene sonomensis</i>	Sonoma zerene fritillary	J. Emmel, T. Emmel, and Mattoon, 1998	—	—	S1
INSECTA, Order Mecoptera (scorpionflies)					
<i>Orobittacus obscurus</i>	gold rush hanging scorpionfly	Villegas and Byers, 1981	—	—	S1
INSECTA, Order Orthoptera (crickets, grasshoppers, and katydids)					
<i>Aglaothorax longipennis</i>	Santa Monica shieldback katydid	Rentz and Weissman, 1981	—	—	S1S2
<i>Ammopelmatus kelsoensis</i>	Kelso jerusalem cricket	Tinkham, 1965	—	—	S1S2
<i>Ammopelmatus muwu</i>	Point Conception jerusalem cricket	Rentz and Weissman, 1981	—	—	S1
<i>Idiostatus kathleenae</i>	Pinnacles shieldback katydid	Rentz, 1973	—	—	S1S2
<i>Idiostatus middlekauffi</i>	Middlekauff's shieldback katydid	Rentz, 1973	—	—	S1
<i>Psychomastax deserticola</i>	desert monkey grasshopper	Hebard, 1934	—	—	S1
<i>Tetrix sierrana</i>	Sierra pygmy grasshopper	Rehn and Grant, 1956	—	—	S1
<i>Trimerotropis infantilis</i>	Zayante band-winged grasshopper	Rentz and Weissman, 1981	Endangered	—	S1
<i>Trimerotropis occulens</i>	Lompoc grasshopper	Otte, 1984	—	—	S1S2
INSECTA, Order Plecoptera (stoneflies)					
<i>Capnia lacustra</i>	Lake Tahoe benthic stonefly	Jewett, 1965	—	—	S1
INSECTA, Order Orthoptera (caddisflies)					

Scientific Name	Common Name	Author, Date	FedList	CallList	S-Rank
<i>Cryptochia denningi</i>	Denning's cryptic caddisfly	Wiggins, 1975	—	—	S1S2
<i>Cryptochia shasta</i>	confusion caddisfly	Denning, 1975	—	—	S1
<i>Diplectrona californica</i>	California diplectronan caddisfly	Banks, 1914	—	—	S1
<i>Farula praelonga</i>	long-tailed caddisfly	Wiggins and Erman, 1987	—	—	S1S2
<i>Goeracea oregona</i>	Sagehen Creek goeracean caddisfly	Denning, 1968	—	—	S1S2
<i>Lepidostoma ermanae</i>	Cold Spring caddisfly	Weaver, 1988	—	—	S1
<i>Limnephilus atercus</i>	Fort Dick limnephilus caddisfly	Denning, 1965	—	—	S1S2
<i>Neothremma siskiyou</i>	Siskiyou caddisfly	Denning, 1975	—	—	S1
<i>Parapsyche extensa</i>	King's Creek parapsyche caddisfly	Denning, 1949	—	—	S1
<i>Rhyacophila lineata</i>	Castle Crags rhyacophilan caddisfly	Denning, 1956	—	—	S1
<i>Rhyacophila mosana</i>	bilobed rhyacophilan caddisfly	Denning, 1956	—	—	S1
GASTROPODA (snails and slugs)					
<i>Ammonitella yatesii</i>	tight coin (=Yates' snail)	Cooper, 1868	—	—	S1
<i>Ancotrema voyanum</i>	hooded lancetooth	Newcomb, 1865	—	—	S1S2
<i>Assimineia infima</i>	Badwater snail	Berry, 1947	—	—	S1
<i>Binneya notabilis</i>	Santa Barbara shelled slug	Cooper, 1863	—	—	S1
<i>Eremarionta immaculata</i>	white desertsnailed	Willett, 1937	—	—	S1
<i>Eremarionta millepalmarum</i>	Thousand Palms desertsnailed	Berry, 1930	—	—	S1
<i>Eremarionta morongoana</i>	Morongo (=Colorado) desertsnailed	Berry, 1929	—	—	S1
<i>Eremarionta rowelli bakerensis</i>	Baker's desertsnailed	Pilsbry and Lowe, 1934	—	—	S1
<i>Eremarionta rowelli mccoiana</i>	California Mcco snail	Willett, 1935	—	—	S1
<i>Haplotrema catalinense</i>	Santa Catalina lancetooth	Hemphill, 1890	—	—	S1
<i>Haplotrema durantii</i>	ribbed lancetooth	Newcomb, 1864	—	—	S1S2
<i>Helminthoglypta allynsmithi</i>	Merced Canyon shoulderband	Pilsbry, 1939	—	—	S1
<i>Helminthoglypta arrosa monticola</i>	mountain shoulderband	Roth, 1982	—	—	S1
<i>Helminthoglypta arrosa pomoensis</i>	Pomo bronze shoulderband	Smith, 1938	—	—	S1
<i>Helminthoglypta ayresiana sanctaerucis</i>	Ayer's snail	Pilsbry, 1927	—	—	S1S2
<i>Helminthoglypta callistoderma</i>	Kern shoulderband	Pilsbry and Ferriss, 1919	—	—	S1
<i>Helminthoglypta coelata</i>	mesa shoulderband	Bartsch, 1916	—	—	S1
<i>Helminthoglypta concolor</i>	whitefir shoulderband	Roth and Hochberg, 1988	—	—	S1S2

Scientific Name	Common Name	Author, Date	FedList	CalList	S-Rank
<i>Helminthoglypta fontiphila</i>	Soledad shoulderband	Gregg, 1931	—	—	S1
<i>Helminthoglypta hertleini</i>	Oregon shoulderband	Hanna and Smith, 1937	—	—	S1S2
<i>Helminthoglypta milleri</i>	peak shoulderband	Reeder, 1986	—	—	S1
<i>Helminthoglypta mohaveana</i>	Victorville shoulderband	Berry, 1927	—	—	S1
<i>Helminthoglypta nickliniana awania</i>	Peninsula coast range shoulderband	Bartsch, 1919	—	—	S1
<i>Helminthoglypta nickliniana bridgesi</i>	Bridges' coast range shoulderband	Newcomb, 1861	—	—	S1S2
<i>Helminthoglypta sequoicola consors</i>	redwood shoulderband	Berry, 1938	—	—	S1
<i>Helminthoglypta stiversiana williamsi</i>	Williams' bronze shoulderband	Smith, 1938	—	—	S1
<i>Helminthoglypta taylori</i>	westfork shoulderband	Reeder and Roth, 1988	—	—	S1
<i>Helminthoglypta traskii pacoimensis</i>	Pacoima shoulderband	Gregg, 1931	—	—	S1
<i>Helminthoglypta uvasana</i>	Grapevine shoulderband	Roth and Hochberg, 1992	—	—	S1
<i>Helminthoglypta vasquezii</i>	Vasquez shoulderband	Roth and Hochberg, 1992	—	—	S1
<i>Helminthoglypta walkeriana</i>	Morro shoulderband	Hemphill, 1911	Threatened	—	S2
<i>Herpeteros angelus</i>	Soledad desert snail	Gregg, 1949	—	—	S1
<i>Hesperarion plumbeus</i>	leaden slug	Roth, 2004	—	—	S1S2
<i>Micrarionta facta</i>	Santa Barbara island snail	Newcomb, 1864	—	—	S1S2
<i>Micrarionta feralls</i>	San Nicolas island snail	Hemphill, 1901	—	—	S1
<i>Micrarionta gabbii</i>	San Clemente island snail	Newcomb, 1864	—	—	S1
<i>Micrarionta opuntia</i>	pricklypear island snail	Roth, 1975	—	—	S1
<i>Monadenia callipeplus</i>	downy sideband	Berry, 1940	—	—	S1S2
<i>Monadenia cristulata</i>	crested sideband	Berry, 1940	—	—	S1S2
<i>Monadenia fidelis leonina</i>	A terrestrial snail	Berry, 1937	—	—	S1S2
<i>Monadenia fidelis pronotis</i>	rocky coast Pacific sideband	Berry, 1931	—	—	S1
<i>Monadenia infumata ochromphalus</i>	yellow-based sideband	Berry, 1937	—	—	S1S2
<i>Monadenia infumata setosa</i>	Trinity bristle snail	Talmadge, 1952	—	Threatened ^T	S2
<i>Monadenia marmarotis</i>	marble sideband	Berry, 1940	—	—	S1
<i>Monadenia mormonum buttoni</i>	Button's Sierra sideband	Pilsbry, 1900	—	—	S1S2
<i>Monadenia mormonum hirsuta</i>	hirsute Sierra sideband	Pilsbry, 1927	—	—	S1
<i>Monadenia tuolumneana</i>	Tuolumne sideband	Berry, 1955	—	—	S1
<i>Monadenia yosemitensis</i>	Yosemite sideband	Lowe, 1916	—	—	S1S2
<i>Noyo interessata</i>	Ten Mile shoulderband	Roth, 1987	—	—	S1S2
<i>Pristiloma shepardae</i>	Shepard's snail	Hemphill, 1892	—	—	S1
<i>Punctum hannai</i>	Trinity Spot	Roth, 1985	—	—	S1S2

Scientific Name	Common Name	Author, Date	FedList	CallList	S-Rank
<i>Radiocentrum avalonense</i>	Catalina mountainsnail	Hemphill, 1905	—	—	S1
<i>Rothelix warnerfontis</i>	Warner Springs shoulderband	Reeder and Miller, 1988	—	—	S1
<i>Sterkia clementina</i>	San Clemente Island blunt-top snail	Sterki, 1890	—	—	S1S2
<i>Trilobopsis roperi</i>	Shasta chaparral	Pilsbry, 1889	—	—	S1
<i>Trilobopsis tehamana</i>	Tehama chaparral	Pilsbry, 1928	—	—	S1
<i>Vespericola pressleyi</i>	Big Bar hesperian	Roth, 1985	—	—	S1
<i>Vespericola scotti</i>	Benson Gulch hesperian	Cordero and Miller, 1995	—	—	S1
<i>Vespericola sierranus</i>	Siskiyou hesperian	Berry, 1921	—	—	S1S2
<i>Xerarionta intercosa</i>	horseshoe snail	Binney, 1857	—	—	S1
<i>Xerarionta redimita</i>	wreathed cactusnail	Binney, 1858	—	—	S1
<i>Xerarionta tryoni</i>	Bicolor cactusnail	Newcomb, 1864	—	—	S1



IMPORTANT: Read Title 14, Section 650, California Code of Regulations (CCR), as well as all instructions (last section of this form), permit descriptions, and all Standard Conditions for Scientific Collecting Permits (SCP), available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>. All sections of the application are required, unless otherwise indicated.

SECTION 1. PERMIT REQUEST

Type of Application: (select one)

<input type="checkbox"/> New	<input type="checkbox"/> Renewal With Changes	<input type="checkbox"/> Renewal Without Changes	Permit ID to Renew
------------------------------	---	--	--------------------

Reporting Requirements Principal Investigators and Student Permitholders shall report wildlife taken and/or possessed either within 30 days following the expiration of the permit, upon submitting a renewal application, whichever comes first, or as required by the Authorizations or conditions of the permit (refer to Title 14, subsection 650(p), CCR for reporting requirements). Failure to submit required reports shall result in revocation of an existing permit, and may result in denial of subsequent applications by that Permitholder, or denial of future approval as a Permitholder or Authorized Individual on other permits, pursuant to Title 14, subsections 650(p) and 650(r), CCR.

Application and Permit Fees: (applies to both New and Renewals)

Fees exclude a nonrefundable three percent (3%) application fee, not to exceed \$7.50 per item (Section 700.4, Title 14, CCR).	Individual or Entity (3 year)	Student (1 year)
Application Fee (nonrefundable and submitted with application)	\$44.76	\$25.00
Permit Fee (submit at time of application – refundable if denied, or submit or when notified of approved permit)	\$185.34	\$50.00

SECTION 2. PERMITHOLDER INFORMATION

Permitholder Type: Pursuant to Title 14, subsection 650(f), select the type of Permitholder you are applying as:

<input type="checkbox"/> ENTITY	Complete Section 2a if applying as an eligible Entity. The Entity is the Permitholder, while the Executive Signatory is the principal officer or responsible party for the permit, and who designates a Principal Investigator. The Executive Signatory and the Principal Investigator may be the same person - refer to Section 3b of this application.
<input type="checkbox"/> INDIVIDUAL	Complete Section 2b if applying as an eligible Individual. A person applying for an Individual permit shall serve as both the Permitholder and the Principal Investigator.
<input type="checkbox"/> STUDENT	Complete Section 2c if applying as an eligible Student (students may also apply for Individual and/or Entity permits).

Permitholder Affiliation: Select one or more categories or type(s):

Academic/ Non-Profit	Government	Business	Independent	Other (describe below)
<input type="checkbox"/> University of California <input type="checkbox"/> University – Cal State <input type="checkbox"/> University – Private/ Out of State <input type="checkbox"/> K-12 Education <input type="checkbox"/> Junior/ City College <input type="checkbox"/> Aquarium or Zoo <input type="checkbox"/> 501(c)3 Non-profit <input type="checkbox"/> Research/ Conservation/ Education (501(c)3 Non-profit) <input type="checkbox"/> Academic/ Non-Profit –Other	<input type="checkbox"/> Federal Agency <input type="checkbox"/> Native American Tribe <input type="checkbox"/> State Agency <input type="checkbox"/> Municipal <input type="checkbox"/> Non-municipal Utility <input type="checkbox"/> Government –Other	<input type="checkbox"/> Environmental Consulting <input type="checkbox"/> Business - Timber/ Forest Management <input type="checkbox"/> Business – Biomedical/ Pharmaceutical <input type="checkbox"/> Business – Other	<input type="checkbox"/> Environmental Consulting <input type="checkbox"/> Research <input type="checkbox"/> Independent – Other	

2a. ENTITY

NAME OF ENTITY (ORGANIZATION, AFFILIATION, OR PARTNERSHIP)		GO ID NUMBER (FROM ALDS)	
ENTITY MAILING ADDRESS		ENTITY ID (if applicable)	
CITY	STATE	ZIP CODE	
PREFERRED TELEPHONE		ALTERNATE TELEPHONE	

Entity Executive Signatory (Note: if the Executive Signatory will also act as the Principal Investigator, complete section 3b as well)

SC ID (if known)	FIRST NAME	M.I.	LAST NAME	GO ID (FROM ALDS)
TITLE /POSITION			E-MAIL ADDRESS	



PREFERRED TELEPHONE			ALTERNATE TELEPHONE		
PREFERRED MAILING ADDRESS					
CITY			STATE	ZIP CODE	
2b. INDIVIDUAL (Principal Investigator)					
SC ID (if known)	FIRST NAME	M.I.	LAST NAME		GO ID (FROM ALDS)
GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE)			STATE, COUNTRY, OR TRIBE OF ID		ID NUMBER
<input type="checkbox"/> U.S. STATE ID	<input type="checkbox"/> PASSPORT	<input type="checkbox"/> TRIBAL MEMBER			
E-MAIL ADDRESS			DOB (MM/DD/YEAR)		
PREFERRED TELEPHONE			ALTERNATE TELEPHONE		
PREFERRED MAILING ADDRESS					
CITY			STATE	ZIP CODE	
Individual Affiliation: (if applicable)					
AFFILIATION'S NAME					
AFFILIATION'S ADDRESS					
CITY			STATE	ZIP CODE	
Individual Qualifications and References <i>(Refer to requirements in Section 3a of this application, and Title 14, subsection 650(h) CCR):</i>					
<input type="checkbox"/> STATEMENT OF QUALIFICATIONS ATTACHED			<input type="checkbox"/> RESUME OR CURRICULUM VITAE ATTACHED		
<input type="checkbox"/> REFERENCE 1:	FIRST NAME	M.I.	LAST NAME		
TITLE / POSITION			E-MAIL ADDRESS		
PREFERRED TELEPHONE			ALTERNATE TELEPHONE		
AFFILIATION'S NAME (if applicable)					
<input type="checkbox"/> REFERENCE 2:	FIRST NAME	M.I.	LAST NAME		
TITLE / POSITION			E-MAIL ADDRESS		
PREFERRED TELEPHONE			ALTERNATE TELEPHONE		
AFFILIATION'S NAME (if applicable)					
2c. STUDENT					
SC ID (if known)	FIRST NAME	M.I.	LAST NAME		GO ID (FROM ALDS)
GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE)			STATE, COUNTRY, OR TRIBE OF ID		ID NUMBER
<input type="checkbox"/> U.S. STATE ID	<input type="checkbox"/> PASSPORT	<input type="checkbox"/> TRIBAL MEMBER			
E-MAIL ADDRESS			DOB (MM/DD/YEAR)		
PREFERRED TELEPHONE			ALTERNATE TELEPHONE		
STUDENT PREFERRED MAILING ADDRESS					



CITY		STATE	ZIP CODE
Student Affiliation:			
UNIVERSITY/ ACADEMIC INSTITUTION		DEPARTMENT AND RESEARCH GROUP	DEGREE PURSUED (e.g., B.S.)
AFFILIATION'S ADDRESS			
CITY		STATE	ZIP CODE
Student Qualifications (Refer to requirements in Section 3a of this application, and Title 14, subsection 650(h) CCR):			
<input type="checkbox"/> STATEMENT OF QUALIFICATIONS ATTACHED		<input type="checkbox"/> RESUME OR CURRICULUM VITAE ATTACHED	
Student Sponsorship: One faculty member shall provide proof of sponsorship of the student – complete the information below.			
SPONSOR FIRST NAME	M.I.	LAST NAME NAME	
UNIVERSITY/ ACADEMIC INSTITUTION		DEPARTMENT AND RESEARCH GROUP	
TITLE /POSITION		E-MAIL ADDRESS	
PREFERRED TELEPHONE		ALTERNATE TELEPHONE	
SPONSOR MAILING ADDRESS			
CITY		STATE	ZIP CODE
<input type="checkbox"/> LETTER OF SPONSORSHIP ATTACHED (Refer to Title 14, subsection 650(h)(4) CCR for the responsibilities of a Sponsor).			

SECTION 3. QUALIFICATIONS AND PROPOSED LIST OF AUTHORIZED INDIVIDUALS			
3a. Required Qualifications			
The following information is required for all persons requested in the application to independently conduct permitted activities, conduct a portion of the permitted activities, or be named on the permit as an Authorized Individual (refer to Title 14, subsection 650(h) CCR):			
<p>1. Statement of Qualifications (SOQ): A statement of qualifications that quantifies and describes experience with requested wildlife and/or similar wildlife. The statement of qualifications shall include approximate number of hours of focused activity in occupied habitat, as well as the approximate number of hours conducting the proposed activities, capture methods, and procedures for each requested wildlife species, wildlife taxonomic group, or similar wildlife taxon, locations and dates experience was obtained, and the name(s) of persons who provided training, any relevant survey, or hands-on training, or experience, and for Principal Investigators only, how responsibilities under subsection 650(b)(19) are met;</p> <p>2. Resume or curriculum vitae: A resume or <i>curriculum vitae</i> that describes the educational background and wildlife-related experience, including a list of any relevant publications; and</p> <p>3. References: Except for Student Permitholders, current contact information (indicated below) for two (2) references (for example, other Permitholders or experts) who can verify the applicant's experience with requested wildlife.</p>			
3b. Principal Investigator (PI)		(ONLY APPLICABLE FOR ENTITY PERMITHOLDERS)	
The PI is responsible for providing adequate supervision and training of all Authorized Individuals named or covered on the permit - refer to Title 14, subsection 650(f), CCR. If the Executive Signatory is not the same person applying as the Principal Investigator (PI) from Section 2a of this application, complete the required information below, including Required Qualifications from Section 3a of this application.			
SC ID	FIRST NAME	M.I.	LAST NAME
GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE)		STATE, COUNTRY, OR TRIBE OF ID	DOB (MM/DD/YEAR)
<input type="checkbox"/> U.S. STATE ID	<input type="checkbox"/> PASSPORT	<input type="checkbox"/> TRIBAL MEMBER	ID NUMBER
TITLE /POSITION		E-MAIL ADDRESS	
PREFERRED TELEPHONE		ALTERNATE TELEPHONE	
PI PREFERRED MAILING ADDRESS (FOR SCP CORRESPONDENCE)			



CITY		STATE	ZIP CODE
AFFILIATION'S NAME (if applicable)			
AFFILIATION'S ADDRESS			
CITY		STATE	ZIP CODE
<input type="checkbox"/> STATEMENT OF QUALIFICATIONS ATTACHED		<input type="checkbox"/> RESUME OR CURRICULUM VITAE ATTACHED	
<input type="checkbox"/> REFERENCE 1:	FIRST NAME	M.I.	LAST NAME
TITLE /POSITION		E-MAIL ADDRESS	
PREFERRED TELEPHONE		ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)			
<input type="checkbox"/> REFERENCE 2:	FIRST NAME	M.I.	LAST NAME
TITLE /POSITION		E-MAIL ADDRESS	
PREFERRED TELEPHONE		ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)			

3c. PROPOSED LIST OF AUTHORIZED INDIVIDUALS (LAI)			(NOT APPLICABLE FOR STUDENT PERMITHOLDERS)		
Complete the required information below for each person proposed to work independently under the PI. A maximum of eight (8) Authorized Individuals, aside from the PI, may be requested for each Authorization included with the permit fees (refer to Title 14, subsection 650(j), CCR, and Section 4 of this application), and only eight (8) may be approved per Authorization at any given time. Attach the Required Qualifications for each Authorized Individual (refer to Section 3a of this application). If no persons are requested as Authorized Individuals, skip to Section 4 of this application.				Total No. Authorized Individuals requested: <div style="border: 1px solid black; height: 40px; width: 100%;"></div>	
SC ID	FIRST NAME	M.I.	LAST NAME	DOB (MM/DD/YEAR)	
GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE)			STATE, COUNTRY OR TRIBE OF ID		ID NUMBER
<input type="checkbox"/> U.S. STATE ID	<input type="checkbox"/> PASSPORT	<input type="checkbox"/> TRIBAL MEMBER			
E-MAIL ADDRESS			PREFERRED TELEPHONE		
AFFILIATION'S NAME (if applicable)					
<input type="checkbox"/> STATEMENT OF QUALIFICATIONS ATTACHED			<input type="checkbox"/> RESUME OR CURRICULUM VITAE ATTACHED		
<input type="checkbox"/> REFERENCE 1:	FIRST NAME	M.I.	LAST NAME		
TITLE /POSITION			E-MAIL ADDRESS		
PREFERRED TELEPHONE			ALTERNATE TELEPHONE		
AFFILIATION'S NAME (if applicable)					
<input type="checkbox"/> REFERENCE 2:	FIRST NAME	M.I.	LAST NAME		
TITLE /POSITION			E-MAIL ADDRESS		
PREFERRED TELEPHONE			ALTERNATE TELEPHONE		



AFFILIATION'S NAME (if applicable)

<Add New Record> Select to provide the same required information for each person requested as an Authorized Individual

3d. RELATED PERMITS

Are there any collaborators, or other persons or entities (e.g., Permitholders, and/or Principal Investigators or Authorized Individuals not listed above) with permits related to the work planned with this permit? If yes, provide the following information.

			<input type="checkbox"/> Yes	<input type="checkbox"/> No
FIRST NAME	LAST NAME	AFFILIATION NAME	PERMIT ID	

<Add New Record>



SECTION 4. GENERAL USE PERMIT INFORMATION – TERRESTRIAL WILDLIFE

The Terrestrial Wildlife program reviews applications for terrestrial and vernal pool invertebrates*, amphibians, reptiles, mammals, and birds.

Purpose and Activities: Conducting surveys and monitoring which involve capturing, handling, measuring, and releasing an unlimited number of terrestrial wildlife only for the purpose of identification and documentation for educational, scientific and select propagation purposes throughout California (see Authorizations below for specified methods). Certain methods of non-invasive marking, sacrifice of some invertebrates, sacrifice of non-native wildlife, as well as salvage may be allowed.

Note: A Terrestrial Wildlife General Use SCP is required to take and/or possess terrestrial invertebrates that occur only in vernal pools, or other ephemeral waters that support vernal pool invertebrates, but do not normally support finfish. A General Use would cover non-routine incidental by-catch or other take of terrestrial invertebrates covered on the California Terrestrial and Vernal Pool Invertebrates of Conservation Priority list List (dated June 12, 2017, pursuant to Title 14, subsection 650(a)(9), available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>) during the course of field activities that are otherwise exempt from a permit, in accordance with Title 14, subsections 650(i)(D) and 650(u)(5), CCR.*

**Refer to your permit conditions. If incidental by-catch or other take of the Prohibited Wildlife under each of the Authorizations (W1-W5) becomes routine, even during the course of field activities that are otherwise exempt from a permit in accordance with Title 14, subsection 650(u)(5), contact the Terrestrial Wildlife review program lead to determine if you may need to amend your General Use permit for a particular Authorization, or if you should apply for a Specific Use permit, and/or a research MOU.*

4a. PURPOSE OF PERMIT

Check the applicable purposes and permit use below which you are requesting pursuant to Title 14, Section 650(c), CCR. For "other" - specify in blank below another activity that does not clearly fit into one of these categories.

<input type="checkbox"/> Science	<input type="checkbox"/> Education	<input type="checkbox"/> Propagation
<input type="checkbox"/> Research <input type="checkbox"/> Survey/ Inventory <input type="checkbox"/> Monitoring <input type="checkbox"/> Museum Collection – (e.g., salvage for specimens, etc.) <input type="checkbox"/> other (specify – e.g., restoration, etc.)	<input type="checkbox"/> Capture and release and/ or display of wild animals in the field (e.g., school groups, field demonstrations, etc.) <input type="checkbox"/> Display of dead salvaged specimens <input type="checkbox"/> other - (specify – e.g., biological collection service, museum or teaching collection, etc.)	<input type="checkbox"/> Short-distance movement out of harm's way <input type="checkbox"/> other (specify – e.g., sacrifice of non-native species to enhance sustainability of native species)
<Other - Text Field>	<Other - Text Field>	<Other - Text Field>

4b. JUSTIFICATION OF USE:

Use the space below to summarize your proposed wildlife and activities. It is not necessary to identify each study or research project, if not known at the time of application, but you should describe:

- What counties, or any specific locales it is anticipated activities under a permit will occur in (e.g., federal, state, local or private lands);
- What types of work or activities are expected to be conducted (e.g., research, surveys and monitoring for gathering presence/absence information for environmental documents or permits required by law, educational field trainings or demonstrations; salvage);
- Information about any study(ies) or project(s) collaborated on with other researchers; and
- If applicable, what species are being targeted, or what species could be encountered with authorized methods, if known.

<Text Box>

Review of Species Information

I acknowledge that I, and any other person named or covered in this application as an Authorized Individual, have reviewed, or will have reviewed, the Department's California Natural Diversity Database Quickview or other online tool, the California Endangered Species Act (CESA) Candidate, Endangered and Threatened species list, the Department's Special Animals List for Fully Protected species and California Species of Special Concern, and other sources of information for sensitive wildlife species prior to conducting planned activity(ies). If we am/are aware certain sensitive species may be encountered in the area of my/our planned activities. If methods and locations authorized by this permit may result in take of CESA-listed, CESA-Candidate, or Fully Protected species, I will contact the appropriate review program about whether I/we need a Memorandum of Understanding (MOU), pursuant to Fish and Game Code Section 2081(a), and/or Title 14, Section 670.7, CCR.

4c. TERRESTRIAL WILDLIFE AUTHORIZATIONS



Select one or more of the following Terrestrial Wildlife Authorizations (W1-W6) by checking each taxonomic group applicable to your purpose and justification provided. Enter the PI (Section 3b, required) and/or proposed Authorized Individuals (Section 3c, if applicable) proposed to work under each selected Authorization. The PI, plus a maximum of any eight (8) Authorized Individuals, may be requested for each Authorization, but only eight (8) may be approved per Authorization at any given time. The same Authorized Individuals may be requested for all Authorizations. The Terrestrial Wildlife review program may approve or deny the PI, and any Authorized Individuals for that Authorization, and may alter the Authorization's LAI based on review of Required Qualifications submitted.

Authorized Individuals (and any unnamed Field Assistants) conducting activities under an issued Terrestrial Wildlife General Use Permit shall adhere to the following:

- All Standard Conditions for Scientific Collecting Permits;
- All captured wildlife will be released alive and unharmed at the site of capture, except as specifically authorized, and may not otherwise be removed from the wild; except for invertebrate voucher specimens, invasive or detrimental animals authorized for sacrifice, and animals incidentally injured or killed during permitted activities;
- Intentional take or possession of animals that are federally-listed as Threatened or Endangered species, and intentional take of State-listed Threatened, Endangered, Candidate, and Fully Protected, or other Prohibited Wildlife will not be authorized. If any of these species are incidentally captured they shall be immediately released without further handling;
- **Reporting:** Notwithstanding subsection 650(p) for form DFW 1379a (Mandatory Wildlife Report), reporting will be specified as Conditions of your Terrestrial Wildlife General Use Permit at time of issuance.
- All conditions from one or more of your selected wildlife group(s) below that match your justification in Section 4b.

Terrestrial & Vernal Pool Invertebrates (W1)

Terrestrial and vernal pool invertebrates may be taken in accordance with the restrictions below.

Wildlife and Activities: Terrestrial and vernal pool invertebrates that occur in vernal pools, or other ephemeral waters that support vernal pool invertebrates, but do not normally support finfish, may be captured, handled, and released. Limited sacrifice of vernal pool invertebrate voucher specimens is authorized only as needed for identification. Vernal pool invertebrates incidentally killed during capture activities may be salvaged. Invertebrates covered on the California Terrestrial and Vernal Pool Invertebrates of Conservation Priority list (dated June 12, 2017, pursuant to Title 14, subsection 650(a)(9), available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>) may be taken as by-catch incidentally (capture, handle and release) during the course of field activities that are otherwise exempt from needing a permit (pursuant to Title 14, subsection 650(u)(5), CCR) or during the course of permitted field activities.

Prohibited Wildlife: The following invertebrates shall not be targeted, and if incidentally captured shall be immediately released without further handling*:

- State- and federally-listed Threatened and Endangered, and State-designated candidate invertebrates.
- California Terrestrial and Vernal Pool Invertebrates of Conservation Priority, (dated June 12, 2017, pursuant to Title 14, subsection 650(a)(9), available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>).

Methods and Equipment: hand and net, or other capture methods may be used which minimize potential incidental take of Prohibited Wildlife.

Limit and Disposition: Survey by capture, handle, and release of non-prohibited vernal pool invertebrates – unlimited. Limited sacrifice of native, or non-native, non-prohibited vernal pool invertebrates for voucher specimens is authorized only as needed for identification – not to exceed 10% of a local population. All salvaged or sacrificed specimens shall be deposited in a public scientific or educational institution, zoological park, museum or scientific entity in California within 12 months of acquisition, or as soon as reasonably possible.

Locations: Throughout California.

Additional conditions for terrestrial and vernal pool invertebrates may be specified as Conditions of your Terrestrial Wildlife General Use Permit at time of issuance. *Any invertebrates covered on the California Terrestrial and Vernal Pool Invertebrates of Conservation Priority List that are incidentally taken as by-catch during the course of field activities that are otherwise exempt from a permit (Title 14, subsection 650(u)(5), CCR), or during the course of permitted field activities, shall be reported to the Department pursuant to Title 14, subsection 650(p)(2), CCR.

W1 Proposed Authorized Individuals:

SC ID	FIRST NAME	LAST NAME
<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>

<Add New Record>

W1 Measures Minimizing Harm of Wildlife:



Describe what measures will be employed to minimize incidental harm or death of all captured wildlife, including how you will avoid the incidental capture (by-catch) of non-target wildlife and special status species, and describe how you will minimize risk to wildlife during handling and/or procedures (e.g., personnel are trained in identification and supervision, discriminant capture methods, handling procedures and duration, etc.).

<Text Box>

Amphibians (W2)

Adult and larval amphibians may be taken in accordance with the restrictions below.

Wildlife and Activities: Amphibians may be captured, handled, measured, marked, and released. Non-native amphibians from the Orders Anura and Caudata incidentally encountered during field activities may be captured and sacrificed. Amphibians incidentally killed during capture activities may be salvaged.

Prohibited Wildlife: The following amphibians and amphibian life stages shall not be targeted, and if incidentally captured shall be immediately released without further handling:

- State- and federally-listed Threatened and Endangered, State-designated Candidate, and Fully Protected amphibians.
- California Amphibian Species of Special Concern.
- Eggs of all native amphibians.

Methods and Equipment: Amphibians may be captured by hand and dip net. Amphibians may be marked using standard non-toxic, non-invasive methods (i.e., non-toxic fluorescent powders).

Limit and Disposition: Capture, handle and release of non-prohibited amphibians – unlimited. Sacrifice of non-native amphibians – unlimited. All salvaged specimens shall be deposited in a public scientific or educational institution, zoological park, museum or scientific entity in California within three months of acquisition.

Locations: Throughout California.

Additional conditions for amphibians may be specified as Conditions of your Terrestrial Wildlife General Use Permit at time of issuance.

W2 Proposed Authorized Individuals:

SC ID	FIRST NAME	LAST NAME
<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>

<Add New Record>

W2 Measures Minimizing Harm of Wildlife:

Describe what measures will be employed to minimize incidental harm or death of all captured wildlife, including how you will avoid the incidental capture (by-catch) of non-target wildlife and special status species, and describe how you will minimize risk to wildlife during handling and/or procedures (e.g., personnel are trained in identification and supervision, discriminant capture methods, handling procedures and duration, etc.).

<Text Box>

Reptiles (W3)

Reptiles may be taken in accordance with the restrictions below.

Wildlife and Activities: Reptiles may be captured, handled, measured, marked, and released. Non-native reptiles from the Orders Squamata and Testudines incidentally encountered during field activities may be captured and sacrificed. Reptiles incidentally killed during capture activities may be salvaged.

Prohibited Wildlife: The following reptiles and reptile life stages shall not be targeted, and if incidentally captured shall be immediately released without further handling.

- State- and federally-listed Threatened and Endangered, State-designated Candidate, and Fully Protected reptiles.



- California Reptile Species of Special Concern.
- Sea turtles and sea snakes.
- Eggs of all native reptiles.

Methods and Equipment: Reptiles may be captured by hand, dip net, lizard noose, snake tongs, and snake hook. Reptiles may be marked using standard non-toxic, non-invasive methods (i.e., non-toxic ink, paint, correction fluid, or black dye).

Limit and Disposition: Capture, handle and release of non-prohibited reptiles – unlimited. Sacrifice of non-native reptiles – unlimited. All salvaged specimens shall be deposited in a public scientific or educational institution, zoological park, museum or scientific entity in California within three months of acquisition.

Locations: Throughout California.

Additional conditions for reptiles may be specified as Conditions of your Terrestrial Wildlife General Use permit at time of issuance.

W3 Proposed Authorized Individuals:

SC ID	FIRST NAME	LAST NAME
<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>

<Add New Record>

W3 Measures Minimizing Harm of Wildlife:

Describe what measures will be employed to minimize incidental harm or death of all captured wildlife, including how you will avoid the incidental capture (by-catch) of non-target wildlife and special status species, and describe how you will minimize risk to wildlife during handling and/or procedures (e.g., personnel are trained in identification and supervision, discriminant capture methods, handling procedures and duration, etc.).

<Text Box>

Mammals (W4):

Only small mammals in the families Soricidae, Talpidae, Aplodontidae, Cricetidae, Dipodidae, Geomyidae, Heteromyidae, Muridae, and Sciuridae may be taken in accordance with the restrictions below.

Wildlife and Activity: Only small mammals in the nine families noted above may be captured, handled, measured, marked, and released. Non-native mice and rats from the family Muridae incidentally captured during trapping activities may be sacrificed. Small mammals incidentally killed during capture and trapping activities may be salvaged.

Prohibited Wildlife: The following mammals and mammal life stages shall not be targeted and if incidentally captured, shall be immediately released without further handling:

- State- and federally-listed Threatened and Endangered, State-designated Candidate, and Fully Protected mammals.
- California Mammal Species of Special Concern.
- Mammals in families other than the nine noted above are prohibited (see exception for non-native mice and rats in Muridae).
- Nests of all mammals (e.g., woodrat nests).

Methods and Equipment: Small mammals may be captured by box or cage live-traps of appropriate size to preclude capture of medium-sized mammals or carnivores. Small mammals may be marked using standard non-toxic, non-invasive methods (i.e., non-toxic ink or black dye).

Limit and Disposition: Capture, handle, and release of non-prohibited small mammals – unlimited. Sacrifice of non-native mice and rats – unlimited. All salvaged specimens shall be deposited in a public scientific or educational institution, zoological park, museum or scientific entity in California within three months of acquisition.

Locations: Throughout California excluding the ranges and occupied habitat of prohibited small mammals.

Additional conditions for mammals may be specified as Conditions of your Terrestrial Wildlife General Use permit at time of issuance.

W4 Proposed Authorized Individuals:

SC ID	FIRST NAME	LAST NAME



<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>
<Add New Record>		
W4 Measures Minimizing Harm of Wildlife:		
Describe what measures will be employed to minimize incidental harm or death of all captured wildlife, including how you will avoid the incidental capture (by-catch) of non-target wildlife and special status species, and describe how you will minimize risk to wildlife during handling and/or procedures (e.g., personnel are trained in identification and supervision, discriminant capture methods, handling procedures and duration, etc.).		
<Text Box>		

<input type="checkbox"/> Birds (W5)
Birds may be taken in accordance with the restrictions below.
<p>Wildlife and Activities: Birds may be captured, handled, measured, marked, and released. Birds incidentally killed during capture and trapping activities may be salvaged.</p> <p>Prohibited Wildlife: The following birds and bird life stages shall not be targeted and if incidentally captured, shall be immediately released without further handling:</p> <ul style="list-style-type: none"> • State- and federally-listed Threatened and Endangered, State-designated Candidate, and Fully Protected birds. • California Bird Species of Special Concern. • All birds in the families and orders Anatidae, Galliformes, Procellariiformes, Phalacrocoracidae, Pelecanidae, Ardeidae, Threskiornithidae, Accipitriformes, Gruiformes, Alcidae, Laridae, Strigiformes, Trochilidae, and Falconiformes. • Nests, eggs, and nestlings of all birds. <p>Birds protected by the federal Migratory Bird Treaty Act may only be authorized if the species and activities are also covered under appropriate federal permit(s).</p> <p>Methods and Equipment: Birds may be captured by mist net. Birds may be marked with government-issued, or approved numbered metal bands. Auxiliary markers (including color bands) or other marking techniques can only be authorized under a Specific Use permit.</p> <p>Limit and Disposition: Capture, handle and release of non-prohibited birds – unlimited.</p> <p>Locations: Throughout California.</p> <p>Additional conditions for birds may be specified as Conditions of your Terrestrial Wildlife General Use permit at time of issuance.</p>

W5 Proposed Authorized Individuals:		
SC ID	FIRST NAME	LAST NAME
<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>
<Add New Record>		
W5 Measures Minimizing Harm of Wildlife:		
Describe what measures will be employed to minimize incidental harm or death of all captured wildlife, including how you will avoid the incidental capture (by-catch) of non-target wildlife and special status species, and describe how you will minimize risk to wildlife during handling and/or procedures (e.g., personnel are trained in identification and supervision, discriminant capture methods, handling procedures and duration, etc.).		



<Text Box>

Terrestrial Wildlife Salvage (W6)

Dead terrestrial wildlife may be taken in accordance with the restrictions below.

Wildlife and Activities: Dead vernal pool invertebrates, amphibians, reptiles, mammals, birds, and their parts, that the Permitholder and all Authorized Individuals named or covered under this Authorization had no part in the killing or death thereof may be salvaged from the wild, for scientific and wildlife conservation education purposes. Dead specimens that are unsuitable for donation shall be left at the site or shall be completely destroyed through burial or incineration.

Prohibited Wildlife: The following animals and life stages shall not be salvaged without additional written instruction from the department: State-listed Threatened and Endangered, State-designated Candidate, or Fully Protected species, mountain lions, big game (bear, elk, deer, antelope, feral pig), amphibian and reptile eggs, bird nests and bird eggs (including viable or unviable eggs and abandoned nests).

Limit: Unlimited non-Prohibited Wildlife.

Final Disposition: All salvaged specimens shall be deposited in a public scientific or educational institution, zoological park, museum or scientific entity in California within three months of acquisition.

Locations: Throughout California, excluding at renewable energy facilities, when part of mortality monitoring activities.

Additional conditions for salvage may be specified as Conditions of your Terrestrial Wildlife General Use permit at time of issuance.

W6 Proposed Authorized Individuals:

SC ID	FIRST NAME	LAST NAME
<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>

<Add New Record>

W6 Measures to Minimizing Harm of Wildlife:

Describe what measures will be employed to minimize incidental harm to other wildlife during your salvage activities, including how you will avoid the incidental possession of non-target wildlife and special status species. List the name(s) and address(es) of the public, scientific or educational institution(s) to which all wildlife specimens and/or parts thereof will be transferred, if known.

<Text Box>



SECTION 5. OTHER PERMITS AND ENVIRONMENTAL DOCUMENTS

5a. FEDERAL PERMITS

Do you currently hold/ are named on, have applied for, or will apply for a federal permit pertinent to your requested activities? Yes
 Select all that apply, and attach copies of permits, or applications. No

<input type="checkbox"/> Federal Endangered Species Act 10(a)(1)(A) Native Endangered and Threatened Species Recovery Permit – U.S. Fish and Wildlife Service	<input type="checkbox"/> Bird Banding Permit – U.S. Geological Survey
Permit No(s):	Permit No(s):
<input type="checkbox"/> Federal Endangered Species Act 10(a)(1)(A) Scientific Research Permit – National Oceanic and Atmospheric Administration, Fisheries (NMFS)	<input type="checkbox"/> Migratory Bird Permit – U.S. Fish and Wildlife Service
Permit No(s):	Permit No(s):
<input type="checkbox"/> Federal Endangered Species Act 4(d) rule – Research	<input type="checkbox"/> Other (e.g., National Parks Service, National Marine Sanctuaries, Bureau of Land Management, National Wildlife Refuge, etc.)
Permit No(s):	Type and Permit No.(s):

5b. STATE PERMITS

Do you currently hold, or are named on, or have applied for, or will apply for a state permit pertinent to your requested take activities? Select all that apply, and attach copies of permits and/or applications. Yes
 No

<input type="checkbox"/> California Endangered Species Act and/or Fully Protected Species Research MOU(s) – Department	Common name(s) (<i>Scientific name</i>)
Permit or MOU Names or No.(s):	
<input type="checkbox"/> Scientific Research and Collecting Permits – CA State Parks	<input type="checkbox"/> Other (e.g., California Dept. of Food and Agriculture)
Permit No(s):	

5c. RELEVANT ENVIRONMENTAL DOCUMENTS

Are you proposing to conduct activities to meet requirements of an environmental plan or document or to meet other environmental compliance required by law? Select all that may apply, and provide the name and date of the document(s). Yes
 No

<input type="checkbox"/> Federal – Federal Endangered Species Act Section 7 Consultation, Biological Opinion	<input type="checkbox"/> Federal Hydropower Licensing (Federal Energy Regulatory Commission)
<input type="checkbox"/> Renewable Energy (i.e., wind, solar, etc.)	<input type="checkbox"/> California Environmental Quality Act
<input type="checkbox"/> National Environmental Policy Act	<input type="checkbox"/> Fish Restoration Grants Program
<input type="checkbox"/> Natural Community Conservation Plan	<input type="checkbox"/> Lake and Streambed Alteration Agreement
<input type="checkbox"/> Hatchery, or Department Fishery Management Plan	<input type="checkbox"/> Water Operations (U.S. Bureau of Reclamation, California Dept. of Water Resources, Interagency Ecological Program, etc.)

Other



SECTION 6. APPLICATION CERTIFICATION

In signing this application, the applicant to serve as a Permitholder, or to serve as the Executive Signatory (for an Entity permit), and any requested Authorized Individuals agree to the following:

"I certify that the information submitted in this application is complete and accurate to the best of my knowledge and belief. I understand that if I fail to provide required information, my permit may be denied. I further certify I have read, understand, and agree to abide the applicable provisions of the Fish and Game Code, and Title 14, Section 650, CCR, and will abide by all the conditions and attachments of the issued permit. I certify that I am not currently under any Department of Fish and Wildlife license or permit revocation or suspension, and there are no other legal or administrative proceedings pending that may disqualify me from obtaining this permit or any amendments. I understand that any false statement herein may make this permit void and subject me to suspension or revocation of this permit pursuant to Title 14, Section 650, CCR, and to the criminal penalties set forth in Fish and Game Code Section 12002. I further understand I am responsible for ensuring all persons working under this permit will be adequately supervised, and comply with the requirements noted above."

APPLICANT SIGNATURE

DATE

X



INSTRUCTIONS FOR THE GENERAL USE APPLICATION

Aside from reading these instructions, it is also important that you read Title 14, Section 650, California Code of Regulations (CCR), permit descriptions, and Standard Conditions for All Scientific Collecting Permits (SCPs) (form DFW 1379d), so that you have a thorough understanding of requirements (available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>). Additional State and federal permits may be required, and your application may be deemed incomplete if copies of these permits are not submitted with the SCP General Use Permit Application. **All sections of the application are required, unless otherwise indicated.**

COMPLETING THE APPLICATION

Pursuant to Title 14, subsection 650(e), CCR, application forms are available on the department's internet web site: www.wildlife.ca.gov. Applications shall be submitted in an electronic format when available; no handwritten applications shall be accepted. Name(s) of all persons listed on the permit application shall match those on government-issued identification. Failure to answer any questions fully, or failure to submit any required information, or the proper application fee, may delay the processing of your application, or result in denial of the application. **The Department will determine if an application is complete within 40 calendar days.** Once the application is determined to be complete, the Department will approve or deny the application within 60 calendar days, notwithstanding certain pending permits that require notification to the public. Therefore, please allow a minimum of 12 weeks for processing an application. Applications are processed in the order received.

APPLICANTS RENEWING AN SCP SHALL ALSO: Enclose or submit via e-mail a completed Mandatory Wildlife Report (DFW 1379a) and any additional reports required by their previous SCP. See "Reporting Requirements" below.

Section 1 – Permit Request: Select the type of application request, New or Renewal.

Section 2 – Permitholder Information: Select the type of Permitholder you are applying as.

2a Entity – An "Entity Permit" may be issued to an eligible entity in the name of the entity as the Permitholder. The Entity is the Permitholder, while the Executive Signatory is the principal officer or responsible party for the permit, and who designates a Principal Investigator. The Executive Signatory and the Principal Investigator may be the same person.

2b Individual – An "Individual Permit" may be issued in the name of an eligible person who acts as both the Permitholder and Principal Investigator, and that person is responsible for overseeing all activities conducted under the permit.

2c Student – A "Student Permit" may be issued in the name of a student. The Student acts as the Permitholder; however, one faculty member affiliated with their college or university shall act as a Student Sponsor if applying as a student. Student Permits are valid for one year, and only allow the Student Permitholder to work independently. Students may also apply as an Entity or Individual Permitholder (valid for three years, and with payment of Individual and Entity fees), and may then adequately supervise a LAI.

Section 3 – Qualifications and Proposed List of Authorized Individuals

3a Required Qualifications – Prepare and submit required qualifications for all persons requesting to be named on the List of Authorized Individuals (Not applicable for applicants as Student Permitholders). Attach Statements of Qualifications, and Resumes or *curriculum vitae*.

3b Principal Investigator – Fill in the information for the Principal Investigator (Entity and Individual permits only). Complete the required information for the person proposed to work as the Principal Investigator (PI) for an Entity permit. Attach the Required Qualifications. The PI is responsible for providing adequate supervision and training of all Authorized Individuals named or covered on the List of Authorized Individuals (LAI).

3c Proposed List of Authorized Individuals – A maximum of eight (8) Authorized Individuals, aside from the PI, may be requested for each Authorization included with the permit fees to be named on the LAI, and only eight (8) may be approved per Authorization at any given time. Complete the required information, and attach the Required Qualifications for each proposed Authorized Individual. If no persons are requested to work as Authorized Individuals, skip to Section 4.

3d Related Permits – Are there any collaborators, or other persons or entities (e.g., Permitholders, and/or Principal Investigators or Authorized Individuals not listed) with permits related to the work planned with this permit? If yes, provide information for each.

Section 4 – General Use Permit Information Describe details of all of your requested activities in this section. Attach additional documents if necessary.

4a Purpose of Permit – Check the applicable purpose(s) and permit use subcategory(ies) for this permit. For "other" - specify in blank below any other activity that does not clearly fit into one of these categories.



4b Justification of Use – Use the space provided to summarize your proposed wildlife and activities. It is not necessary to identify each study or research project, if not known at the time of application; however, an answer is required to justify your request. Check the box to acknowledge that the Permitholder and all Authorized Individuals have reviewed the Department's California Natural Diversity Database Quick view or other online tool, the California Endangered Species Act (CESA) Candidate, Endangered, and Threatened species list, the Department's Special Animals List for Fully Protected species and California Species of Special Concern, and other sources of information for sensitive wildlife species.

4c Authorizations – Select one or more of the Authorizations (W1-W6) by checking each taxonomic group applicable to your purpose and justification provided. If applying as an Entity or Individual Permitholder, enter the PI (Section 3b, required) and/or Authorized Individuals (Section 3c, if applicable) proposed to work under each selected Authorization, but only eight (8) may be approved per Authorization at any given time. The PI, plus a maximum of any eight (8) Authorized Individuals, may be requested for each Authorization. The same Authorized Individuals may be requested for all Authorizations. The Terrestrial Wildlife review program may approve or deny the PI, and any Authorized Individuals for that Authorization, and may alter the Authorization's LAI based on review of Required Qualifications submitted.

Section 5 – Other Permits and Environmental Documents Provide a complete copy of current federal and State permit(s), or applications for such permits that apply to this permit application, and any other written State authorizations, such as a current MOU, if applicable.

Section 6 – Application Certification Verify all fields are complete and required documents are attached, sign (electronically) and date.

REPORTING REQUIREMENTS

The Mandatory Wildlife Report (form DFW 1379a), or "Report" is required for every General and Specific Use level permit. Each permit may have slightly different timeframes for frequency of submission of the Report, so check permit Authorizations and/or conditions for details on submission frequency and timing. The report form is available with separate instructions at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting> in a fill and save format. Upon completion of the electronic report, send it to the correct contact listed in your permit conditions. If no contact is specified in your permit conditions, send the report to SCPPermits@wildlife.ca.gov. Any other report format required pursuant to Title 14, subsection 650(p)(2), and specified in the conditions of your SCP shall also be submitted by the specified timeframes. See also Standard Conditions for all Scientific Collecting Permits (form DFW 1379d), Standard Conditions G and I for more reporting guidance.

PAYMENT POLICY

The Department accepts cashier's checks, money orders, personal or business checks,* or credit cards.** If a receipt for payment is needed before the permit is issued, please notify the Department when the application form is submitted. The application fee is non-refundable for all permit categories and types. Application fees shall be submitted with an application, and the permit fee is due within 60 calendar days upon after notice of permit approval, or the Department may refuse to issue the permit, and may change the approval into a denial. Before or upon approval of your application, the permit fee shall be paid before issuance of your approved SCP – refer to Title 14, subsection 703(c), CCR for details.

***Personal or business checks** will be accepted by the Department if a name and address are imprinted on the check. A check returned to the Department due to insufficient funds will render your permit invalid. The Department may also deny the issuance or renewal of any permit if a person has failed to reimburse the Department for the amount due. Make checks payable to the Department of Fish and Wildlife.

****Credit Cards** – Licenses, permits, tags, stamps, or registrations may be purchased with a Visa or MasterCard by completing a Credit Card Authorization Form (DFW 1443). The form is available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>.

Cash can no longer be accepted at Department offices as of January 1, 2017.

NOTICE

Disclosure Statement - Under Section 650, Title 14, of the CCR, the Department is authorized to collect information from applicants to maintain a record of licensure. Under Fish and Game Code Section 391, personal information submitted on this application may be released for law enforcement purposes, pursuant to court order, or for official natural resources management purposes, or as may otherwise be required under the California Public Records Act. Issued SCPs are public records, and their related applications may be subject to public disclosure under the California Public Records Act, or other applicable law. People with concerns about records being released to the public should contact CDFW before submitting an application.

A licensee or Permitholder may obtain a copy of his/her license records maintained by the Department by submitting a written request to the Custodian of Records, Department of Fish and Wildlife, License and Revenue Branch, 1740 N.



State of California – Department of Fish and Wildlife.

SCIENTIFIC COLLECTING PERMIT, GENERAL USE – APPLICATION (TERRESTRIAL WILDLIFE)

DFW 1379GW (NEW 09/01/17 REV 01/2024) Page 16 of 16

Market Blvd., Sacramento, CA 95834 or lrb@wildlife.ca.gov. All requests shall include the requestor's name, address, and telephone number.



IMPORTANT: Read Title 14, Section 650, California Code of Regulations (CCR), as well as all instructions (last section of this form), permit descriptions, and all Standard Conditions for Scientific Collecting Permits (SCP), available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>. All sections of the application are required, unless otherwise indicated.

SECTION 1. PERMIT REQUEST

Type of Application: (select one)

<input type="checkbox"/> New	<input type="checkbox"/> Renewal With Changes	<input type="checkbox"/> Renewal Without Changes	Permit ID to Renew
------------------------------	---	--	--------------------

Reporting Requirements Principal Investigators and Student Permitholders shall report wildlife taken and/or possessed either within 30 days following the expiration of the permit, upon submitting a renewal application, whichever comes first, or as required by the Authorizations or conditions of the permit (refer to Title 14, subsection 650(p), CCR for reporting requirements). Failure to submit required reports shall result in revocation of an existing permit, and may result in denial of subsequent applications by that Permitholder, or denial of future approval as a Permitholder or Authorized Individual on other permits, pursuant to Title 14, subsections 650(p) and 650(r), CCR.

Application and Permit Fees: (applies to both New and Renewals)

Fees exclude a nonrefundable three percent (3%) application fee, not to exceed \$7.50 per item (Section 700.4, Title 14, CCR).	Individual or Entity (3 year)	Student (1 year)
Application Fee (nonrefundable and submitted with application)	\$71.62	\$25.00
Permit Fee (submit at time of application – refundable if denied, or submit when notified of approved permit)	\$269.08	\$50.00

SECTION 2. PERMITHOLDER INFORMATION

Permitholder Type: Pursuant to Title 14, subsection 650(f), select the type of Permitholder you are applying as:

<input type="checkbox"/> ENTITY	Complete Section 2a if applying as an eligible Entity. The Entity is the Permitholder, while the Executive Signatory is the principal officer or responsible party for the permit, and who designates a Principal Investigator. The Executive Signatory and the Principal Investigator may be the same person - refer to Section 3b of this application.
<input type="checkbox"/> INDIVIDUAL	Complete Section 2b if applying as an eligible Individual. A person applying for an Individual permit shall serve as both the Permitholder and the Principal Investigator.
<input type="checkbox"/> STUDENT	Complete Section 2c if applying as an eligible Student (students may also apply for Individual and/or Entity permits).

Permitholder Affiliation: Select one or more categories or type(s):

Academic/ Non-Profit	Government	Business	Independent	Other (describe below)
<input type="checkbox"/> University of California <input type="checkbox"/> University – Cal State <input type="checkbox"/> University – Private/ Out of State <input type="checkbox"/> K-12 Education <input type="checkbox"/> Junior/ City College <input type="checkbox"/> Aquarium or Zoo <input type="checkbox"/> 501(c)3 Non-profit <input type="checkbox"/> Research/ Conservation/ Education (501(c)3 Non-profit) <input type="checkbox"/> Academic/ Non-Profit –Other	<input type="checkbox"/> Federal Agency <input type="checkbox"/> Native American Tribe <input type="checkbox"/> State Agency <input type="checkbox"/> Municipal <input type="checkbox"/> Non-municipal Utility <input type="checkbox"/> Government –Other	<input type="checkbox"/> Environmental Consulting <input type="checkbox"/> Business - Timber/ Forest Management <input type="checkbox"/> Business – Biomedical/ Pharmaceutical <input type="checkbox"/> Business – Other	<input type="checkbox"/> Environmental Consulting <input type="checkbox"/> Research <input type="checkbox"/> Independent – Other	

2a. ENTITY

NAME OF ENTITY (ORGANIZATION, AFFILIATION, OR PARTNERSHIP)		GO ID NUMBER (FROM ALDS)	
ENTITY MAILING ADDRESS		ENTITY ID (if applicable)	
CITY	STATE	ZIP CODE	
PREFERRED TELEPHONE		ALTERNATE TELEPHONE	

Entity Executive Signatory (Note: if the Executive Signatory will also act as the Principal Investigator, complete section 3b as well)

SC ID (if known)	FIRST NAME	M.I.	LAST NAME	GO ID (FROM ALDS)
------------------	------------	------	-----------	-------------------



TITLE / POSITION				E-MAIL ADDRESS			
PREFERRED TELEPHONE				ALTERNATE TELEPHONE			
PREFERRED MAILING ADDRESS							
CITY				STATE		ZIP CODE	
2b. INDIVIDUAL (Principal Investigator)							
SC ID (if known)		FIRST NAME		M.I.	LAST NAME		GO ID (FROM ALDS)
GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE)				STATE, COUNTRY, OR TRIBE OF ID		ID NUMBER	
<input type="checkbox"/> U.S. STATE ID		<input type="checkbox"/> PASSPORT		<input type="checkbox"/> TRIBAL MEMBER			
E-MAIL ADDRESS				DOB (MM/DD/YEAR)			
PREFERRED TELEPHONE				ALTERNATE TELEPHONE			
PREFERRED MAILING ADDRESS							
CITY				STATE		ZIP CODE	
Individual Affiliation: (if applicable)							
AFFILIATION'S NAME							
AFFILIATION'S ADDRESS							
CITY				STATE		ZIP CODE	
Individual Qualifications and References (Refer to requirements in Section 3a of this application, and Title 14, subsection 650(h) CCR):							
<input type="checkbox"/> STATEMENT OF QUALIFICATIONS ATTACHED				<input type="checkbox"/> RESUME OR CURRICULUM VITAE ATTACHED			
<input type="checkbox"/> REFERENCE 1:		FIRST NAME		M.I.	LAST NAME		
TITLE / POSITION				E-MAIL ADDRESS			
PREFERRED TELEPHONE				ALTERNATE TELEPHONE			
AFFILIATION'S NAME (if applicable)							
<input type="checkbox"/> REFERENCE 2:		FIRST NAME		M.I.	LAST NAME		
TITLE / POSITION				E-MAIL ADDRESS			
PREFERRED TELEPHONE				ALTERNATE TELEPHONE			
AFFILIATION'S NAME (if applicable)							
2c. STUDENT							
SC ID (if known)		FIRST NAME		M.I.	LAST NAME		GO ID (FROM ALDS)
GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE)				STATE, COUNTRY, OR TRIBE OF ID		ID NUMBER	
<input type="checkbox"/> U.S. STATE ID		<input type="checkbox"/> PASSPORT		<input type="checkbox"/> TRIBAL MEMBER			
E-MAIL ADDRESS				DOB (MM/DD/YEAR)			
PREFERRED TELEPHONE				ALTERNATE TELEPHONE			



STUDENT PREFERRED MAILING ADDRESS		
CITY	STATE	ZIP CODE
Student Affiliation:		
UNIVERSITY/ ACADEMIC INSTITUTION	DEPARTMENT AND RESEARCH GROUP	DEGREE PURSUED (e.g., B.S.)
AFFILIATION'S ADDRESS		
CITY	STATE	ZIP CODE
Student Qualifications (Refer to requirements in Section 3a of this application, and Title 14, subsection 650(h) CCR):		
<input type="checkbox"/> STATEMENT OF QUALIFICATIONS ATTACHED		<input type="checkbox"/> RESUME OR CURRICULUM VITAE ATTACHED
Student Sponsorship: One faculty member shall provide proof of sponsorship of the student – complete the information below.		
SPONSOR FIRST NAME	M.I.	LAST NAME NAME
UNIVERSITY/ ACADEMIC INSTITUTION	DEPARTMENT AND RESEARCH GROUP	
TITLE /POSITION	E-MAIL ADDRESS	
PREFERRED TELEPHONE	ALTERNATE TELEPHONE	
SPONSOR MAILING ADDRESS		
CITY	STATE	ZIP CODE
<input type="checkbox"/> LETTER OF SPONSORSHIP ATTACHED (Refer to Title, subsection 650(h)(4) CCR for the responsibilities of a Sponsor).		

SECTION 3. QUALIFICATIONS AND PROPOSED LIST OF AUTHORIZED INDIVIDUALS

3a. Required Qualifications

The following information is required for all persons requested in the application to independently conduct permitted activities, conduct a portion of the permitted activities, or be named on the permit as an Authorized Individual (refer to Title 14, subsection 650(h) CCR):

- 1. Statement of Qualifications (SOQ):** A statement of qualifications that quantifies and describes experience with requested wildlife and/or similar wildlife. The statement of qualifications shall include approximate number of hours of focused activity in occupied habitat, as well as the approximate number of hours conducting the proposed activities, capture methods, and procedures for each requested wildlife species, wildlife taxonomic group, or similar wildlife taxon, locations and dates experience was obtained, and the name(s) of persons who provided training, any relevant survey, or hands-on training, or experience, and for Principal Investigators only, how responsibilities under subsection 650(b)(19) are met;
- 2. Resume or curriculum vitae:** A resume or *curriculum vitae* that describes the educational background and wildlife-related experience, including a list of any relevant publications; and
- 3. References:** Except for Student Permitholders, current contact information (indicated below) for two (2) references (for example, other Permitholders or experts) who can verify the applicant's experience with requested wildlife. For new applicants requesting take and/or possession of mountain lion (*Puma concolor*), two letters of recommendation shall be submitted as verifiable documentation, pursuant to Section 4810 of the Fish and Game Code.

3b. Principal Investigator (PI) (ONLY APPLICABLE FOR ENTITY PERMITHOLDERS)

The PI is responsible for providing adequate supervision and training of all Authorized Individuals named or covered on the permit - refer to Title 14, subsection 650(f), CCR. If the Executive Signatory is not the same person applying as the Principal Investigator (PI) from Section 2a of this application, complete the required information below, including Required Qualifications from Section 3a of this application.

SC ID	FIRST NAME	M.I.	LAST NAME	DOB (MM/DD/YEAR)
GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE)			STATE, COUNTRY, OR TRIBE OF ID	ID NUMBER
<input type="checkbox"/> U.S. STATE ID	<input type="checkbox"/> PASSPORT	<input type="checkbox"/> TRIBAL MEMBER		



TITLE /POSITION		E-MAIL ADDRESS	
PREFERRED TELEPHONE		ALTERNATE TELEPHONE	
PI PREFERRED MAILING ADDRESS (FOR SCP CORRESPONDENCE)			
CITY		STATE	ZIP CODE
AFFILIATION'S NAME (if applicable)			
AFFILIATION'S ADDRESS			
CITY		STATE	ZIP CODE
<input type="checkbox"/> STATEMENT OF QUALIFICATIONS ATTACHED		<input type="checkbox"/> RESUME OR CURRICULUM VITAE ATTACHED	
<input type="checkbox"/> REFERENCE 1:	FIRST NAME	M.I.	LAST NAME
TITLE /POSITION		E-MAIL ADDRESS	
PREFERRED TELEPHONE		ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)			
<input type="checkbox"/> REFERENCE 2:	FIRST NAME	M.I.	LAST NAME
TITLE /POSITION		E-MAIL ADDRESS	
PREFERRED TELEPHONE		ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)			

3c. PROPOSED LIST OF AUTHORIZED INDIVIDUALS (LAI)			(NOT APPLICABLE FOR STUDENT PERMITHOLDERS)	
Complete the required information below for each person proposed to work independently under the Principal Investigator (PI). Up to eight (8) Authorized Individuals, aside from the PI, may be requested with the permit fees (refer to Title 14, subsection 650(j), CCR) and see Section 3d, below. Attach the Required Qualifications for each proposed Authorized Individual (refer to Section 3a of this application). If no persons are requested to work as Authorized Individuals, skip to Section 4.				Total No. Authorized Individuals requested:
SC ID	FIRST NAME	M.I.	LAST NAME	DOB (MM/DD/YEAR)
GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE)			STATE, COUNTRY OR TRIBE OF ID	ID NUMBER
<input type="checkbox"/> U.S. STATE ID	<input type="checkbox"/> PASSPORT	<input type="checkbox"/> TRIBAL MEMBER		
E-MAIL ADDRESS			PREFERRED TELEPHONE	
AFFILIATION'S NAME (if applicable)				
<input type="checkbox"/> STATEMENT OF QUALIFICATIONS ATTACHED			<input type="checkbox"/> RESUME OR CURRICULUM VITAE ATTACHED	
<input type="checkbox"/> REFERENCE 1:	FIRST NAME	M.I.	LAST NAME	
TITLE /POSITION			E-MAIL ADDRESS	
PREFERRED TELEPHONE			ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)				



<input type="checkbox"/> REFERENCE 2:	FIRST NAME	M.I.	LAST NAME
TITLE /POSITION		E-MAIL ADDRESS	
PREFERRED TELEPHONE		ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)			
<Add New Record> Select to provide the same required information for each person requested as an Authorized Individual			

3d. ADDITIONAL AUTHORIZED INDIVIDUALS JUSTIFICATION

Eight (8) Authorized Individuals are included in the permit fees; if additional Authorized Individuals are required, then a Specific Amendment fee will be assessed as specified in Title 14, subsections 650(l) and 703(c), CCR, in addition to the permit fees. Provide justification below of why the proposed activities would need more than eight (8) Authorized Individuals. *Click "Add New Record" above to provide the same required information in Section 3c when more than eight persons are requested as Authorized Individuals.*

<Text Box>

3e. RELATED PERMITS

Are there any collaborators (Permitholders, and/or Principal Investigators or Authorized Individuals not listed above) with permits related to the work planned with this permit? If yes, provide their names and Permit IDs.

Yes No

FIRST NAME	LAST NAME	SC ID	AFFILIATION NAME	PERMIT ID

<Add New Record >

SECTION 4. SPECIFIC USE PERMIT INFORMATION

4a. PURPOSE OF PERMIT

For Section 4, provide all details to answer each question in the following fields. You may provide an attached study proposal or additional information in subsection 4f(10), but all information entered into each field in subsections 4a-4f must contain sufficient detail to be able to stand-alone for the evaluation of the application.

For subsection 4a, check the applicable purpose(s) and permit use subcategory(ies) below for this permit per Title 14, subsection 650(c), CCR. For "other" - specify in blank below any other activity that does not clearly fit into one of these categories.

<input type="checkbox"/> Science	<input type="checkbox"/> Education	<input type="checkbox"/> Propagation
<input type="checkbox"/> Research <input type="checkbox"/> Survey/ Inventory <input type="checkbox"/> Monitoring <input type="checkbox"/> Museum Collection <input type="checkbox"/> other (specify – e.g., restoration, etc.)	<input type="checkbox"/> Capture and release and/ or display of wildlife in the field (e.g., tidepools, school groups, field demonstrations, etc.) <input type="checkbox"/> Live display of releasable or non-releasable wildlife in captivity <input type="checkbox"/> Display of dead salvaged specimens <input type="checkbox"/> other – (specify – e.g., biological collection service, museum collection, etc.)	<input type="checkbox"/> Wild (<i>in situ</i>) – relocation, reintroduction or translocation <input type="checkbox"/> Captive (<i>ex situ</i>) <input type="checkbox"/> Short-distance movement - out of harm's way <input type="checkbox"/> other (specify – e.g., sacrifice of non-native species to enhance sustainability of native species, etc.)
<Other - Text Field>	<Other - Text Field>	<Other - Text Field>

4b. PERMIT INFORMATION

1) Permit Scope, Goals, and Objectives. Explain in detail the fundamental scope of the proposed study or planned undertaking for the permit. This includes relating the purpose(s) of your proposed study or planned undertaking to any research questions and/or hypotheses, goal(s) and objective(s) designed to carry out all requested activity(ies). A planned undertaking may consist of multiple studies and/or activities sharing a fundamental scope with unifying goals, and depending on the taxonomic groups, conservation status of the species, invasiveness of methods, procedures and locations proposed, may be grouped under a single permit (e.g., presence/absence or inventory surveys for terrestrial wildlife, possibly at one or more locations). Refer to Title 14, subsection 650(l)(2).

<Text Box>



2) **Permit Need or Benefit.** Justify the need and/or benefit of the proposed take of wildlife and activities for science, education, and/or propagation pursuant to Title 14, subsection 650(c), as follows:

- Scientific purpose: include the significance of the research, questions or hypotheses seeking to be addressed, and/or how your research would directly benefit the species or fulfil an important research, management, or other need. Pursuant to subsection 650(b)(23), research includes, but is not limited to, surveys or inventories to assess the potential for, or to monitor actual project impacts on wildlife resources (e.g., presence/absence surveys, or monitoring).
- Educational purpose: include the significance of the education or educational program, training, and/or benefit of instruction about the state’s natural resources.
- Propagation purpose: include the significance of propagation or sustainability benefit, *in situ* (or maintain in wild) or *ex situ* (captive outside the wild) breeding or rearing, possession of hatchery raised fish, ecosystem restoration benefits or population augmentation, and/or efforts to promote maintenance of biologically sustainable populations.

<Text Box>

3) **Study or Planned Undertaking Timeframe:** Indicate the timeframe for the entire study or period of planned undertaking, even if it extends beyond the duration of this permit (three years for Entity and Individual Permitholders; one year for Student Permitholders)- including all activities, and field and lab work.

Estimated Start Date:	<Date Picker>	Estimated End Date:	<Date Picker>
-----------------------	---------------	---------------------	---------------

4c. BACKGROUND AND PAST FINDINGS

1) Identify pertinent background information, including survey protocols and a literature cited section, which supports the proposed study, activity(ies), or planned undertaking, or provide copies of any reports or publications from previous or similar research or activities conducted on the requested wildlife. When applicable, explain how the research will address questions not answered by earlier research. If not applicable, state "not applicable."

<Text Box>

2) Discuss how any past findings have contributed to the body of knowledge on the subject and how they relate to your proposed goals and objectives, if applicable (required for permit renewals). If not applicable, state "not applicable."

<Text Box>

3) Explain how your proposed activities relate to a larger series of projects or research plans (explain from subsection 3e of this application), if applicable. If not applicable, state "not applicable."

<Text Box>

4) If there is an existing conservation strategy or management plan that relates to your proposed activities (e.g., USFWS recovery plans, California Species of Special Concern manuscripts, Department Fishery Management Plan), identify conservation actions, recovery tasks, research needs and/or monitoring recommendations, if applicable. Be sure to explain any permits or environmental documents checked in Section 5 of this application. If not applicable, state "not applicable."

<Text Box>

4d. EXECUTIVE SUMMARY

1) **Title.** Provide a brief title for the study or planned undertaking that accurately represents the full scope of the proposed activity(ies) for the permit duration period. The title should identify the purpose, targeted wildlife taxonomic group(s) or species, and general location(s).

<Text Box>

2) **Abstract.** Provide a summary of the study or planned undertaking that includes the main goals and objectives or research question(s), species or taxonomic group(s), take and analysis methods, and general locations. Additional information, e.g. past findings, benefit or need, or relevant environmental documents or plans may be provided, but is not required.

<Text Box>



3) Public Information Release. Issued SCPs are public records, pursuant to Title 14, subsection 650(k), CCR, and through the Public Records Act. However, the Department requests Permitholders make their preferred contact information, and Executive Summary (Title and Abstract) available to interested parties to facilitate research communication and collaboration.

Note: Release is mandatory for applications requiring public notice: request of mountain lion, or pursuit of bobcat (*Lynx rufus*) or bear (*Ursus americanus*) with dogs, pursuant to Sections 4810 and 3960.4 of the Fish and Game Code.

Indicate your preference for the Department to display your preferred contact information and Executive Summary on the Department's website. Yes No

4e. WILDLIFE TAXONOMIC GROUPS AND REVIEW PROGRAMS

Select the wildlife taxonomic group(s) that will be targeted for activity(ies) during the course of the proposed study or planned undertaking (subsection 4f(1a) below), and those that could be possible non-targeted (incidental) by-catch (subsection 4f(1b) below). The selected group(s) will determine which Department review program(s) the application will be routed to for review and approval.

Terrestrial Wildlife	Inland Fisheries	Marine
<input type="checkbox"/> Terrestrial and Vernal Pool Invertebrates* <input type="checkbox"/> Amphibians <input type="checkbox"/> Reptiles <input type="checkbox"/> Mammals <input type="checkbox"/> Birds	<input type="checkbox"/> Inland Aquatic Invertebrates <input type="checkbox"/> Inland Non-Anadromous Fish <input type="checkbox"/> Anadromous Fish (inland waters)	<input type="checkbox"/> Marine Fishes <input type="checkbox"/> Marine/Tidal Invertebrates <input type="checkbox"/> Marine Algae and Plants

*Terrestrial Invertebrates: Refer to Title 14, subsections 650(l)(2) and 650(u)(5), CCR. Specific Use permits are required for intentional (targeted) take and/or possession of terrestrial invertebrates covered on the California Terrestrial and Vernal Pool Invertebrates of Conservation Priority list (dated June 12, 2017, pursuant to Title 14, subsection 650(a)(9), available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>).

4f. REQUESTED ACTIVITIES

1) Wildlife Groups and Species:

a) Targeted Wildlife

Click "Add New Record" below, select the proposed targeted species, or if requesting at a taxonomic level other than species, select the proposed lowest level(s) of taxonomic group(s) from the drop down lists. Provide the following information for each requested species, and/or taxonomic level(s).

Species or Taxonomic Level (Scientific Name) (e.g., Order, Family, Genus, etc.)	Species or Level (Common Name)	Status	Life Stage	Sex	Origin
<Dropdown List>	<Prepopulated via Species>	<Prepopulated via Species>	<Dropdown List>	<Dropdown List>	<Dropdown List>

<Add New Record >

b) Non-Target Wildlife (Incidental By-catch):

Click "Add New Record" below, select the possible non-targeted (incidental by-catch) species; or if the species is unknown, select the proposed lowest level(s) of taxonomic group(s) from the drop down lists, and provide the following information.

- The quantities expected to be encountered during activities (if unknown, select "0" and explain under "Details" why it is unknown);
- Describe what measures will be employed to minimize incidental harm or death of all captured wildlife, including how you will avoid the incidental capture (by-catch) of non-target wildlife and special status species, and describe how you will minimize risk to wildlife during handling (e.g., personnel are trained in identification and supervision, discriminant capture methods, handling procedures and duration, etc.).

Species or Taxonomic Level (Scientific Name) (e.g., Order, Family, Genus, etc.)	Species or Level (Common Name)	Status	Quantities	Measures Minimizing Harm of Wildlife
<Dropdown List>	<Prepopulated via Species>	<Prepopulated via Species>	<Numeric>	<Text Box>

<Add New Record >

c) Review of Species Information

I acknowledge that I, and any other person named or covered in this application as an Authorized Individual, have reviewed, or will have reviewed, the Department's California Natural Diversity Database Quickview or other online tool, the California Endangered Species Act (CESA) Candidate, Endangered and Threatened species list, the Department's Special Animals List for Fully Protected species and California Species of Special Concern, and other sources of information for sensitive wildlife species prior to conducting planned activity(ies). If we am/are aware certain sensitive species may be encountered in the area of my/our planned activities. If methods and locations authorized by this permit may result in take of CESA-listed, CESA-Candidate, or Fully Protected species, I will



contact the appropriate review program about whether I/we need a Memorandum of Understanding (MOU), pursuant to Fish and Game Code Section 2081(a), and/or Title 14, Section 670.7, CCR.

2) Proposed Take and/or Possession Activities:

Click "Add New Record" below, select the proposed take and/or possession activity from the drop down list and provide the following information per the requested specific species or taxonomic level(s). Additional Details may be provided to clarify and justify the requested Activity:

Activity	Disposition	Species or Taxonomic Level	Quantities	Details
<Dropdown List>	<Filtered Dropdown List>	<Filtered Dropdown List>	<Numeric>	<Text Box>

<Add New Record >

3) Proposed Take Methods:

Click "Add New Record" below, select the proposed method(s) from the drop down list and provide details for each proposed method used to capture or otherwise take the requested specific species or taxonomic level(s), and include the following information:

- The sampling season start and end date;
- The frequency of sampling;
- The quantities by life stage/age and sex of wildlife to be taken and/or possessed by that method (if unknown, select "0" and explain under "Details" why it is unknown); and
- The specifics of the methodology under "Details."
 - protocols to be followed, as well as type, size and details of equipment to be used (e.g., net mesh size, whether traps are baited or not, number of passes per sampling, etc.); and
 - what measures will be employed to minimize incidental harm or death of wildlife, and describe how you will minimize risk to wildlife in deploying equipment, or during handling of target species or taxa (e.g., personnel are trained in identification and supervision, discriminant capture methods, handling procedures and duration, etc.).

Take Method	Species or Taxonomic Level	Sampling Season Start Date	Sampling Season End Date	Sampling Frequency	Quantities	Details
<Dropdown List>	<Filtered Dropdown List>	<Date Picker>	<Date Picker>	<Dropdown List>	<Numeric>	<Text Box>

<Add New Record >

4) Proposed Procedures:

Will your proposed study require procedures to be performed on wildlife? Yes No

If yes, click "Add New Record" below, select the procedure from the drop down list, and provide the following information per the requested specific species, or taxonomic level(s):

- The quantities by life stage/age and sex of wildlife to undergo procedures or marking (if unknown, select "0" and explain under "Details" why it is unknown);
- The specifics of the procedure under "Details":
 - protocols to be followed, as well as details (e.g., specific equipment, manner of conducting procedure, type of marking and placement on body, amount of sample collected, etc.); and
 - what measures will be employed to minimize incidental harm or death of wildlife, and describe how you will minimize risk to wildlife's well-being during procedures or marking events.

Procedure	Species or Taxonomic Level	Quantities	Details
<Dropdown List>	<Filtered Dropdown List>	<Numeric>	<Text Box>

<Add New Record >

5) Sacrifice of Wildlife:

Will your proposed study result in the death or removal of target or non-target wildlife from the wild? Yes No

If yes, click "Add New Record" below, and provide the following information per the requested specific species, or taxonomic level(s):

- The quantities by life stage/age, sex, and geographic area to be sacrificed (if unknown, select "0" and explain under "Details" why it is unknown);
- The specifics of the sacrifice under "Details":
 - Justify the maximum number of individuals that would be killed or removed from the wild;
 - Describe means for which wildlife is sacrificed or humanely euthanized; and
 - Describe your attempts to obtain the wildlife specimens currently held in captivity (e.g., museums, rehabilitation centers, other Permitholders), or produced in captivity. You shall demonstrate conclusively that existing specimens are unavailable, or your research objectives require new/additional specimens.



Taxonomic Level or Species	Quantities	Life Stage	Sex	Details
<Filtered Dropdown List>	<Numeric>	<Dropdown List>	<Dropdown List>	<Text Box>

<Add New Record >

6) Captivity of Wildlife:

a) Will live wildlife be removed from the wild and held alive in captivity ("ex situ"), or will live wildlife be transferred into possession and held in captivity? Yes No

If yes, click "Add New Record," select the Captivity Type from the drop down list below, and provide the following information:

- Attach under Section 4f(10) any related documents pertaining to captivity and/or captive breeding activities (e.g., IACUC plans, feasibility analyses, grant conditions, etc.), or relevant environmental documents or plans (Section 5 of this application).
- The quantities by life stage/age, sex (if unknown, select "0" and explain under "Details" why it is unknown);
- For each species you plan on holding in captivity, provide specifics of the captivity setting under "Details."
 - Justify the maximum number of individuals that would be removed from the wild and/or held in captivity and geographic area(s) where wildlife are proposed to be removed from the wild;
 - The specific need and purpose of the proposed removal and/or captivity;
 - Location where individuals will be acquired from; and
 - The duration individuals will be held in captivity.

Terrestrial Wildlife Only:

- Consistent with Title 14, subsection 650(c), CCR, elements of conservation, biology, and/or ecology of California wildlife shall be included for education activities: describe the educational message that will be delivered and to what audience. Provide a detailed outline of your program, or attach brochures, or other materials prepared for distribution. Explain why live wildlife are necessary for the program, including how they will be used and displayed during the presentation to meet this need.
- Give a complete description of the holding area and/or holding facilities. Specify if individuals are held indoors or outdoors, climatic conditions, and accessibility to other wildlife, domestic animals, or to the public. Attach photographs or diagrams of enclosures with the length, width and height of each, description of interior and exterior construction materials, such as flooring and netting materials, and the species and number that are to be housed in each.
- Describe the diet for each species including the food source and how the diet will be administered. Describe how the animals will obtain fresh drinking or bathing water (specific devices/types to be used).
- Describe the transport containers for the animals, including dimensions (length, width, and height) and materials. Indicate the species and number that will be transported in each, and any methods to minimize harm or mortality from sustained vibration, temperature extremes, or elevation changes during transport.
- Describe all special elements (e.g., scratching posts, dust bath boxes, mineral licks), cover types for hiding, and any enriching elements/devices to be added to the cages to help animals relieve stress and move about and exercise.
- Attach details, protocols, or standard operating procedures that describe captive holding activities including biosecurity, disinfection and waste disposal, and animal health assessments.
- Describe all personnel responsible for providing day-to-day care for captive wildlife, and their qualifications to conduct such work.
- If individuals are to be held in permanent captivity, describe the quantities of individuals, and permanent holding facilities, if different from the temporary holding facilities for education or research programs.
- Describe how you will prevent successful reproduction from occurring. Captive breeding (see section below) of wildlife may only be authorized when specifically requested, and only as approved by the Department as part of a concerted conservation or recovery effort, and/or for justified scientific purposes. Captive breeding may occasionally be allowed for educational purposes when adequate justification is provided.

Captivity Type	Species	Quantities	Life Stage	Sex	Details
<Dropdown List>	<Filtered Dropdown List>	<Numeric>	<Dropdown List>	<Dropdown List>	<Text Box>

<Add New Record >

Do you intend to sacrifice wildlife at the conclusion of the proposed study or program? Yes No

If yes, click "Add New Record" below, and provide the following information:

- The quantities of each species by life stage/age, sex (if unknown, select "0" and explain under "Details" why it is unknown) to be sacrificed; and
- The specifics of euthanasia methods and disposal, under "Details."

Species	Quantities	Life Stage	Sex	Details
---------	------------	------------	-----	---------



<Filtered Dropdown List>	<Numeric>	<Dropdown List>	<Dropdown List>	<Text Box>
--------------------------	-----------	-----------------	-----------------	------------

Do you intend to captive breed the requested wildlife? Yes No

If yes, click "Add New Record" below, and provide the following information:

- The quantities of each species by life stage/age, sex (if unknown, select "0" and explain under "Details" why it is unknown) to be captive bred; and
- For each species you plan on captive breeding, provide the specifics under "Details."
 - List any published references for successful captive breeding of the species;
 - Describe the number of offspring expected to be produced, and the intended disposition; and
 - Outline all persons, and their roles in the captive breeding activity.

Species	Quantities	Life Stage	Sex	Details
---------	------------	------------	-----	---------

<Filtered Dropdown List>	<Numeric>	<Dropdown List>	<Dropdown List>	<Text Box>
--------------------------	-----------	-----------------	-----------------	------------

Do you intend to release organisms (or their offspring) back into the wild, if captive bred, or for other reasons? Yes No

If yes, click "Add New Record" below, provide the following information:

- The quantities of each species by life stage/age and sex of wildlife to be released back into the wild (if unknown, select "0" and explain under "Details" why it is unknown);
- For each species you plan on releasing back to the wild, provide the following under "Details":
 - The location originally captured (if applicable), the location of the proposed release site, and location of holding facility;
 - Description of holding facility, and how long individuals will be held alive in captivity before being released into the wild, and describe why that time period was chosen;
 - Explain why it is in the best interest of the State and for the species, to return the organisms to the wild;
 - Describe how you will minimize risk of disease transmission during temporary captivity (i.e., including but not limited to, biosecurity measures, disinfection and cleaning procedures, waste disposal, health assessments); and
 - Explain the plan to minimize introduction of pathogens (virus, fungus, bacteria, and parasite) into the ecosystem or environment after release back into the wild.
 - Are the species proposed for release held in flow-through water or a closed system?
 - If individuals have been provided with food, please describe the food and whether it is being consumed?
 - What other species are held in the holding unit containing the species proposed for release? If there any non-native species held at the facility, address the following:
 - Provide details about what controls are in place to prevent cross contamination with non-natives.
 - Explain how staff and students are trained regarding the potential risks of non-native species introductions and facility holding practices.

Marine Only:

- Does any portion of the facility use flow-through seawater? If so, how is incoming water treated?

Terrestrial Wildlife Only:

- Attach additional protocols or standard operating procedures, if applicable, that describe release activities.
- Be advised, the Department may require written correspondence from qualified veterinary staff to verify the individuals have been examined and/or tested, as may be necessary and required by the Department, before transport and release is separately approved in writing.

Inland Fisheries Only:

- If fish are proposed to be moved to a different general location (finer scale), will you obtain approval from the Department's Fish Health Lab?

Species	Quantities	Life Stage	Sex	Details
---------	------------	------------	-----	---------

<Filtered Dropdown List>	<Numeric>	<Dropdown List>	<Dropdown List>	<Text Box>
--------------------------	-----------	-----------------	-----------------	------------

<Add New Record >

b) Will live wildlife be relocated, translocated, or reintroduced ("in situ")? Yes No

If yes, for each species intended to be retained or confined in a field setting, relocated, or translocated within the wild, or reintroduced from captivity, click "Add New Record" below, provide the following information per species requested to be relocated or translocated within the wild:

- Attach under Section 4f(10) any related documents pertaining to translocation activities, or relevant environmental documents or plans (Section 5 of this application).
- The quantities of each species by life stage/age and sex of wildlife to be retained or confined in a field setting, relocated, translocated within the wild, or reintroduced from captivity (if unknown, select "0" and explain under "Details" why it is unknown)
- The specifics of the relocation, reintroduction or translocation within the wild under "Details":



- o List the source counties and specific location(s) from which wildlife was, or is proposed to be taken, and the final release location(s);
- o Describe how organisms will be monitored after release back into the wild, and
- o Describe how you will minimize risk of disease transmission during temporary captivity, and relocation, reintroduction, or translocation efforts.

Terrestrial Wildlife Only:

- o Be advised, the Department may require written correspondence from qualified veterinary staff to verify the individuals have been examined and/or tested, as may be necessary and required by the Department, before transport and release is separately approved in writing.

Species	Quantities	Life Stage	Sex	Details
<Filtered Dropdown List>	<Numeric>	<Dropdown List>	<Dropdown List>	<Text Box>
<Add New Record >				

7) Geographic Locations and Description:

For specific species or taxonomic level(s) and/or activity requested, click "Add New Record" below, and select the county(ies) or other geographic area(s) from the drop down list(s) in which you plan to conduct activity(ies) for the duration of the permit. To help expedite permit review, provide the specific location(s) of study area(s) of the proposed activities, when known. When specific county(ies) or other geographic areas are not known at the time of application, indicate if planned activities are statewide, or range-wide for a species (e.g., if planning to conduct surveys on a contract basis in the future, such as presence/absence surveys, county(ies) and/or specific locations may be provided later, and you may be required to submit an application for a Specific Amendment). For each specific location or study area, provide the following specifics, including justification, and the finest scale location description possible under "Details":

- If your request is for aquatic species, identify the aquatic system(s) and provide: the Hydrologic Unit Code (HUC 8 Watershed #), inland stream/ waterbody name (include begin and end river miles, when known), and/or other inland water (e.g., reservoir, lake names).
- Provide any identifying property designations (i.e., land ownership) and/or geographic coordinates (i.e., latitude, longitude, and datum) that will precisely place the location of the proposed activity site(s).
- If you propose to work in a Marine Protected Area (MPA), Marine Managed Area (MMA), Wildlife Area (WA) or Ecological Reserve (ER), provide the name and justify:
 - o Why collection is required within an MPA, MMA, WA, or ER and provide justification for why it cannot be conducted outside of an MPA;
 - o Why the proposed methods are appropriate for this activity; and
 - o Describe the frequency of the proposed activity per sampling area.

Geographic Area	Species or Taxonomic Level	County	Land Ownership	Waters	MPA or other Managed Area	Habitats	Details
	<Filtered Dropdown List>	<Dropdown List>	<Dropdown List>	<Dropdown List>	<Dropdown List>	<Filtered Dropdown List>	<Text Box>
<Add New Record >							

(Optional) If point or centroid of polygon (e.g., weir, mist-net location or sampling area) Click "Add New Record" below, enter the specific details, if known, for each specific location requested.

Latitude	Longitude	Datum (WGS 84, NAD 83 preferred)
		<Dropdown List>

<Add New Record >

8) Disposition Location of Wildlife Specimens and/or Parts

For each Proposed Disposition Location, click "Add New Record" below, and enter the Name and address of the public, scientific or educational institution(s) to which all wildlife specimens and/or parts thereof will be transferred or deposited.

Location Type	Name	Street Address	City	State	Zip
<Dropdown List>					

<Add New Record >

9) Role of Proposed Authorized Individuals

For each proposed Authorized Individual, click "Add New Record" below, select the SC ID of the Authorized Individual from the drop down list who will work independently on the permit. In the "Role Details" field, explain the role the individual will provide for the study or planned undertaking, including: species and/or taxonomic group(s), take and/or possession activities, methods, procedures and general locations the individual will be working in.



SC ID	First Name	Last Name	Role Details
<Filtered Dropdown List from Section 3c>	<Prepopulated via SC ID>	<Prepopulated via SC ID>	<Text Box>
<Add New Record >			
10) Attach Additional Supporting Documents			
To attach additional supporting documents (e.g., copies of federal or other permits or applications for such permits, or study proposal in scientific format, literature cited, relevant protocols or other information requested in this application), click "Upload Attachment."			
<Upload Attachment >			



SECTION 5. OTHER PERMITS AND ENVIRONMENTAL DOCUMENTS

5a. FEDERAL PERMITS

Do you currently hold/ are named on, have applied for, or will apply for a federal permit pertinent to your requested activities?
 Select all that apply, and attach copies of permits, or applications.

Yes
 No

<input type="checkbox"/> Federal Endangered Species Act 10(a)(1)(A) Native Endangered and Threatened Species Recovery Permit – U.S. Fish and Wildlife Service Permit No(s):	<input type="checkbox"/> Bird Banding Permit – U.S. Geological Survey Permit No(s):
<input type="checkbox"/> Federal Endangered Species Act 10(a)(1)(A) Scientific Research Permit – National Oceanic and Atmospheric Administration, Fisheries (NMFS) Permit No(s):	<input type="checkbox"/> Migratory Bird Permit – U.S. Fish and Wildlife Service Permit No(s):
<input type="checkbox"/> Federal Endangered Species Act 4(d) rule – Research Permit No(s):	<input type="checkbox"/> Other (e.g., National Parks Service, National Marine Sanctuaries, Bureau of Land Management, National Wildlife Refuge, etc.) Type and Permit No.(s):

5b. STATE PERMITS

Do you currently hold, or are named on, or have applied for, or will apply for a state permit pertinent to your requested activities?
 Select all that apply, and attach copies of permits or applications.

Yes
 No

<input type="checkbox"/> California Endangered Species Act and/or Fully Protected Species Research MOU(s) – Department Permit or MOU Names or No.(s):	Common name(s) (<i>Scientific name</i>)
<input type="checkbox"/> Scientific Research and Collecting Permits – CA State Parks Permit No(s):	<input type="checkbox"/> Other (e.g., California Dept. of Food and Agriculture) Type and Permit No.(s):

5c. RELEVANT ENVIRONMENTAL DOCUMENTS

Are you proposing to conduct activities to meet requirements of an environmental plan or document, or to meet other environmental compliance required by law? Select all that may apply, and provide the name and date of the document(s), if applicable.

Yes
 No

<input type="checkbox"/> Federal – Federal Endangered Species Act Section 7 Consultation, Biological Opinion	<input type="checkbox"/> Federal Hydropower Licensing (Federal Energy Regulatory Commission)
<input type="checkbox"/> Renewable Energy (i.e., wind, solar, etc.)	<input type="checkbox"/> California Environmental Quality Act
<input type="checkbox"/> National Environmental Policy Act	<input type="checkbox"/> Fish Restoration Grants Program
<input type="checkbox"/> Natural Community Conservation Plan	<input type="checkbox"/> Lake and Streambed Alteration Agreement
<input type="checkbox"/> Hatchery, or Department Fishery Management Plan	<input type="checkbox"/> Water Operations (U.S. Bureau of Reclamation, California Dept. of Water Resources, Interagency Ecological Program, etc.)



Other

SECTION 6. APPLICATION CERTIFICATION

In signing this application, the applicant to serve as a Permitholder, or to serve as the Executive Signatory (for an Entity permit), and any requested Authorized Individuals agree to the following:

"I certify that the information submitted in this application is complete and accurate to the best of my knowledge and belief. I understand that if I fail to provide required information, my permit may be denied. I further certify I have read, understand, and agree to abide the applicable provisions of the Fish and Game Code, and Title 14, Section 650, CCR, and will abide by all the conditions and attachments of the issued permit. I certify that I am not currently under any Department of Fish and Wildlife license or permit revocation or suspension, and there are no other legal or administrative proceedings pending that may disqualify me from obtaining this permit or any amendments. I understand that any false statement herein may make this permit void and subject me to suspension or revocation of this permit pursuant to Title 14, Section 650, CCR, and to the criminal penalties set forth in Fish and Game Code Section 12002. I further understand I am responsible for ensuring all persons working under this permit will be adequately supervised, and comply with the requirements noted above."

APPLICANT SIGNATURE

DATE

X



INSTRUCTIONS FOR THE SPECIFIC USE APPLICATION

Aside from reading these instructions, it is also important that you read Title 14, Section 650, California Code of Regulations (CCR), permit descriptions, and Standard Conditions for All Scientific Collecting Permits (SCPs) (form DFW 1379d), so that you have a thorough understanding of the requirements (available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>). Additional State and Federal permits may be required, and your application may be deemed incomplete if copies of these permits are not submitted with the SCP Specific Use Permit Application. **All Sections of the application are required, unless otherwise indicated.**

COMPLETING THE APPLICATION

Pursuant to Title 14, subsection 650(e), CCR, application forms are available on the department's internet web site: www.wildlife.ca.gov. Applications shall be submitted in an electronic format when available; no handwritten applications shall be accepted. Name(s) of all persons listed on the permit application shall match those on government-issued identification. Failure to answer any questions fully, or failure to submit any required information, or the proper application fee, may delay the processing of your application, or result in denial of the application. **The Department will determine if an application is complete within 40 calendar days.** Once the application is determined to be complete, the Department will approve or deny the application within 60 calendar days, notwithstanding certain pending permits that require notification to the public. Therefore, please allow a minimum of 12 weeks for processing an application. Applications are processed in the order received.

APPLICANTS RENEWING AN SCP SHALL ALSO: Enclose or submit via e-mail a completed Mandatory Wildlife Report (DFW 1379a) and any additional reports required by their previous SCP. See "Reporting Requirements" below.

Section 1 – Permit Request: Select the type of application request, New or Renewal.

Section 2 – Permitholder Information: Select the type of Permitholder you are applying as.

2a Entity – An "Entity Permit" may be issued to an eligible entity in the name of the entity as the Permitholder. The Entity is the Permitholder, while the Executive Signatory is the principal officer or responsible party for the permit, and who designates a Principal Investigator. The Executive Signatory and the Principal Investigator may be the same person.

2b Individual – An "Individual Permit" may be issued in the name of an eligible person who acts as both the Permitholder and Principal Investigator, and that person is responsible for overseeing all activities conducted under the permit.

2c Student – A "Student Permit" may be issued in the name of a student. The Student acts as the Permitholder; however, one faculty member affiliated with their college or university shall act as a Student Sponsor if applying as a student. Student Permits are valid for one year, and only allow the Student Permitholder to work independently. Students may also apply as an Entity or Individual Permitholder (valid for three years, and with payment of Individual and Entity fees), and may then adequately supervise a LAI.

Section 3 – Qualifications and Proposed List of Authorized Individuals

3a Required Qualifications – Prepare and submit required qualifications for all persons requesting to be named on the List of Authorized Individuals (Not applicable for applicants as Student Permitholders). Attach Statements of Qualifications, and Resumes or *curriculum vitae*.

3b Principal Investigator – Fill in the information for the Principal Investigator (Entity and Individual permits only). Complete the required information for the person proposed to work as the Principal Investigator (PI) for an Entity permit. Attach the Required Qualifications. If the Executive Signatory is not the same person applying as the Principal Investigator (PI) from Section 2a of the original permit, complete the required information below, including Required Qualifications from Section 3a of this application. The PI is responsible for providing adequate supervision and training of all Authorized Individuals named or covered on the List of Authorized Individuals (LAI).

3c List of Authorized Individuals – Fill in all information for up to eight (8) persons, aside from the PI may be requested to be named on the LAI, included with the permit fees (refer to Title 14, subsection 650(j), CCR). Up to eight (8) Authorized Individuals, aside from the PI, may be requested with the permit fees; however, see Section 3d). Complete the required information for each person proposed to work independently under the Principal Investigator (PI). Attach the Required Qualifications for each proposed Authorized Individual. If no persons are requested to work as Authorized Individuals, skip to Section 4.

3d Additional Authorized Individuals Justification – Eight (8) Authorized Individuals are included in the permit fees; if additional Authorized Individuals are required, then a Specific Amendment fee will be assessed as specified in Title 14, subsections 650(l) and 703(c), CCR. Justify why the proposed activities would need more than eight Authorized



Individuals. *Provide the same required information in Section 3c if more than eight persons are requested as Authorized Individuals.*

3e Related Permits – Are there any collaborators, or other persons or entities (e.g., Permitholders, and/or Principal Investigators or Authorized Individuals not listed) with permits related to the work planned in this permit? If yes, provide information for each.

Section 4 – Specific Use Permit Information – Specific Use permits may be issued for wildlife and species, activities, and methods that may or may not otherwise be authorized under Authorizations of a General Use permit (see DFW 1379GW, DFW 1379GF, DFW 1379GM). Describe details of all of your requested activities in this section. Attach additional documents if necessary. For Section 4, provide all details to answer each question in the following fields. You may provide an attached study proposal or additional information in subsection 4f(10), but all information entered into each field in subsections 4a-4f shall contain sufficient detail to be able to stand-alone for the evaluation of the application.

4a Purpose of Permit For subsection 4a, check the applicable purpose(s) and permit use subcategory(ies) below for this permit per Title 14, subsection 650(c), CCR. For "other" - specify in blank below any other activity that does not clearly fit into one of these categories.

4b Study Information

- 1) **Permit Scope, Goals, and Objectives.** In detail, explain the fundamental scope of the proposed study or planned undertaking. This includes relating the purpose(s) of your proposed study or planned undertaking to any research questions and/or hypotheses, goal(s) and objective(s) designed to carry out all requested activity(ies). A planned undertaking may consist of multiple studies and/or activities sharing a fundamental scope with unifying goals and objectives, and depending on the conservation status of the species, invasiveness of methods, procedures and locations proposed, may be grouped under a single permit (e.g., presence/absence or inventory surveys for terrestrial wildlife, possibly at one or more locations). Refer to Title 14, subsection 650(i)(2).
- 2) **Permit Need or Benefit.** Justify the need and/or benefit of the proposed take of wildlife and activities for science, education, and/or propagation.
- 3) **Study or Planned Undertaking Timeframe:** Provide the approximate timeframe for the entire study or proposed undertaking. Indicate the timeframe for the entire study period, even if it extends beyond the duration of this permit (three years for Entity and Individual Permitholders; one year for Student Permitholders) including all activities, and field and lab work.

4c Background and Past Findings (complete each question, as applicable)

- 1) Identify pertinent background information, including survey protocols and a literature cited section, which supports the proposed study or planned undertaking (e.g., presence/absence surveys), or provide copies of any reports or publications from previous or similar research or activities conducted on the requested wildlife. When applicable, address how the research will answer questions not answered by earlier research.
- 2) Describe how any past findings have contributed to the body of knowledge on the subject and how they relate to your proposed goals and objectives, if applicable (required for permit renewals).
- 3) Explain how your proposed activities relate to a larger series of projects or research plans (explain from Section 3e of this application), if applicable.
- 4) If there is an existing conservation strategy or management plan that relates to proposed activities (e.g., USFWS recovery plans, California Species of Special Concern manuscripts), identify conservation actions, recovery tasks, research needs and/or monitoring recommendations, if applicable. Be sure to explain any permits or environmental documents listed in Section 5 of this application.

4d. Executive Summary

- 1) **Title:** Provide a brief title for the study or planned undertaking that accurately represents the full scope of the proposed activity(ies) for the permit duration period. The title should identify the purpose, targeted taxonomic group(s) or species, and general location(s).
- 2) **Abstract:** Provide a summary of the study or planned undertaking that includes the main goals and objectives or research question(s), species or taxonomic group(s), take and analysis methods, and general locations. Additional information, e.g. past findings, benefit or need, or relevant conservation or environmental documents may be provided, but is not required.
- 3) **Public Information Release:** Issued SCPs are public records, pursuant to Title 14, subsection 650(k), CCR, and through the Public Records Act. However, the Department requests Permitholders make their preferred contact information, and Executive Summary (Title and Abstract) available to interested parties to facilitate research



communication and collaboration. Release is mandatory for applications requiring public notice: request of mountain lion, or pursuit of bobcat (*Lynx rufus*) or bear (*Ursus americanus*) with dogs, pursuant to Sections 4810 and 3960.4 of the Fish and Game Code.

4e. Wildlife Taxonomic Groups and Review Programs

Select the wildlife taxonomic group(s) that will be targeted for activity(ies) during the course of the study or planned undertaking (subsection 4f(1a)), and that could be possible non-targeted (incidental by-catch) (subsection 4f(1b)). The selected group(s) will determine which Department review program(s) the application will be routed to for review and approval.

4f. Requested Take Activities

1) Wildlife Groups and Species:

- a. **Targeted Species:** Select the proposed targeted species, or if requesting at a taxonomic level other than species, select the proposed lowest level(s) of taxonomic group(s) from the drop down lists.

Note: The Department has designated certain special status animals and taxonomic groups as "Prohibited Wildlife," and only a Specific Use Permit may be used to authorize intentional take of those wildlife species. The Department periodically publishes reports identifying the wildlife species (beyond those already designated as State- and federally-listed threatened or endangered) that represent our highest conservation priorities and draw attention to species in need of conservation action. Species assessments are based on population trends, threats, distribution, abundance, habitat and ecological considerations, and include recommendations and priorities for research, management and monitoring. A species' status as California Species of Special Concern (SSC), California Terrestrial and Vernal Pool Invertebrates of Conservation Priority and other Prohibited Wildlife is a factor considered during the application review process. More information on California SSCs can be viewed at the Department's website, or: <https://www.wildlife.ca.gov/Conservation/SSC>.

- b. **Non-Targeted Species (Incidental By-catch):** Select the possible non-targeted (incidental by-catch) species, or if the species is unknown, select the proposed lowest level(s) of taxonomic group(s), from the drop down lists and identify the estimated quantities expected to be encountered during activities. Describe what measures will be employed to minimize incidental harm or death of all captured wildlife.
 - c. **Review of Species Information:** Check the box to acknowledge that you have reviewed, or will have reviewed, the Department's California Natural Diversity Database Quickview or other online tool, the California Endangered Species Act (CESA) Candidate, Endangered and Threatened species list, the Department's Special Animals List for Fully Protected species and California Species of Special Concern, and other sources of information for sensitive wildlife species.
- 2) **Proposed Take and/or Possession Activities:** Select the proposed take and/or possession activity from the drop down list and provide the required information per the requested specific species or taxonomic level(s). Additional Details may be provided to clarify and justify the requested Activity.
 - 3) **Proposed Take Methods:** Select the proposed method(s) from the drop down list and provide details for each proposed method used to capture or otherwise take the requested specific species or taxonomic level(s) and include all required information.
 - 4) **Proposed Procedures:** Select the procedure from the drop down list, and provide the required information per the requested specific species or taxonomic level(s).
 - 5) **Sacrifice of Wildlife:** If your proposed study will result in the death or removal of target or non-target wildlife from the wild, select the species from the drop down list, and provide the following information per the requested specific species or taxonomic level(s).
 - 6) **Captivity of Wildlife:** If live wildlife be removed from the wild and/or held alive in captivity, select the Captivity Type from the drop down list, and select the species from the drop down list and provide all the required information. Several questions follow that may only be applicable to wildlife taxonomic groups or species that fall under the review of one review program.
 - a. **Will live wildlife be removed from the wild and held alive in captivity ("ex situ"), or will wildlife be transferred into possession and held in captivity?** Answers to the following questions are required: Do you intend to sacrifice wildlife at the conclusion of the proposed study or program? Do you intend to captive breed the requested wildlife? Do you intend to release animals (or their offspring) back into the wild, if captively bred, or for other reasons? Answer the appropriate question(s) depending on the review program from which you are seeking **Captivitycaptivity**.



- b. **Will live wildlife be relocated, reintroduced, or translocated (“in situ”)?** For each species intended to be relocated, reintroduced, or translocated within the wild, provide the required information per species requested to be relocated or translocated within the wild.
- 7) **Geographic Location and Description:** For specific species or taxonomic level(s) and/or activity requested, click “Add New Record” below, and select the county(ies) or other geographic area(s) from the drop down list(s) in which you plan to conduct activity(ies) for the duration of the permit. To help expedite permit review, provide the specific location(s) of study area(s) of the proposed activities, when known. When specific county(ies) or other geographic areas are not known at the time of application, indicate if planned activities are statewide, or range-wide for a species (e.g., if planning to conduct surveys on a contract basis in the future, such as presence/absence surveys, county(ies) and/or specific locations may be provided later, and you may be required to submit an application for a Specific Amendment). For each specific location or study area, provide the following specifics, including justification, and the finest scale location description possible under “Details.”
- 8) **Disposition Location of Wildlife Specimens, and/or Parts:** For each Proposed Disposition Location, click “Add New Record” below, and enter the Name and address of the public, scientific or educational institution(s) to which all wildlife specimens and/or parts thereof will be transferred or deposited. Several questions follow that may only be applicable to wildlife taxonomic groups or species that fall under the review of one review program.
- 9) **Role of Proposed Authorized Individuals:** For each proposed Authorized Individual, select the SC ID of the Authorized Individual from the drop down list who will work independently on the permit. In the “Role Details” field, explain the role the individual will provide for the study or planned undertaking, to include: species and/or taxonomic group(s), activities, methods, procedures and general locations the individual will be working in.
- 10) **Attach Additional Supporting Documents:** To attach additional supporting documents (e.g., copies of Federal or other permits or applications for such permits, or study proposal in scientific format, literature cited, relevant protocols or other information requested in this application), click “Upload Attachment.”

Section 5 – Other Permits and Environmental Documents Provide a complete copy of current federal and State permit(s), or applications for such permits, and any other written State authorizations, such as a current MOU, if applicable.

Section 6 – Application Certification• Verify all fields are complete and required documents are attached, sign (electronically) and date.

REPORTING REQUIREMENTS

The Mandatory Wildlife Report (form DFW 1379a), or “Report” is required for every General and Specific Use level permit. Each permit may have slightly different timeframes for frequency of submission of the Report, so check permit Authorizations and/or conditions for details on submission frequency and timing. The report form is available with separate instructions at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting> in a fill and save format. Upon completion of the electronic report, send it to the correct contact listed in your permit conditions. If no contact is specified in your permit conditions, send the report to SCPermits@wildlife.ca.gov. Any other report format required pursuant to Title 14, subsection 650(p)(2), and specified in the conditions of your SCP shall also be submitted by the specified timeframes. See also Standard Conditions for all Scientific Collecting Permits (form DFW 1379d), Standard Conditions G and I for more reporting guidance.

PAYMENT POLICY

The Department accepts cashier’s checks, money orders, personal or business checks,* or credit cards.** If a receipt for payment is needed before the amendment is issued, please notify the Department when the application form is submitted. The application fee is non-refundable for all permit categories and types. Application fees shall be submitted with an application, and the permit fee is due within 60 calendar days upon after notice of permit approval, or the Department may refuse to issue the permit, and may change the approval into a denial. Before or upon approval of your application, the permit fee shall be paid before issuance of your approved SCP – refer to Title 14, subsection 703(c), CCR for details.

***Personal or business checks** will be accepted by the Department if a name and address are imprinted on the check. A check returned to the Department due to insufficient funds will render your permit invalid. The Department may also deny the issuance or renewal of any permit if a person has failed to reimburse the Department for the amount due. Make checks payable to the Department of Fish and Wildlife.

****Credit Cards** – Licenses, permits, tags, stamps, or registrations may be purchased with a Visa or MasterCard by completing a Credit Card Authorization Form (DFW 1443). The form is available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>.

Cash can no longer be accepted at Department offices as of January 1, 2017.

NOTICE



Disclosure Statement - Under Section 650, Title 14, of the CCR, the Department is authorized to collect information from applicants to maintain a record of licensure. Under Fish and Game Code Section 391, personal information submitted on this application may be released for law enforcement purposes, pursuant to court order, or for official natural resources management purposes, or as may otherwise be required under the California Public Records Act. Issued SCPs are public records, and their related applications may be subject to public disclosure under the California Public Records Act, or other applicable law. People with concerns about records being released to the public should contact CDFW before submitting an application.

A licensee or Permitholder may obtain a copy of his/her license records maintained by the Department by submitting a written request to the Custodian of Records, Department of Fish and Wildlife, License and Revenue Branch, 1740 N. Market Blvd., Sacramento, CA 95834 or lrb@wildlife.ca.gov. All requests shall include the requestor's name, address, and telephone number.



IMPORTANT: Read Title 14, Section 650, California Code of Regulations (CCR), as well as all instructions (last section of this form), permit descriptions, and all Standard Conditions for Scientific Collecting Permits (SCP), available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>. Complete applicable sections of this form for the amendment or change requested.

SECTION 1. AMENDMENT REQUEST

Permit ID to Amend

Amendment Summary: Select the section(s) of the permit this amendment applies to:

- Change Principal Investigator (**complete Section 3b** of this form). (N/A FOR INDIVIDUAL OR STUDENT PERMITHOLDERS)
The Executive Signatory requests a PI, who must meet Required Qualifications summarized in Section 3a, a change that applies to all Authorizations.
- Amend the List of Authorized Individuals (**complete Section 3c** of this form). (N/A FOR STUDENT PERMITHOLDERS)
- Add New Authorization(s)

Add New Authorization W1 – W6 (complete Section 4c of this form) (select all that apply). For Individual and Entity Permits, the PI approved in Section 3b of the permit must meet Required Qualifications summarized in Section 3a to add the selected Authorization. Student Permitholders must also meet Required Qualifications.	W1	W2	W3	W4	W5	W6
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Indicate if the request to add new Authorization(s) includes changes to General Use Permit Information - (select all that apply):

Purpose of Permit (Section 4a):	<input type="checkbox"/> Amend	<input type="checkbox"/> No Changes	Justification of Use (Section 4b):	<input type="checkbox"/> Amend	<input type="checkbox"/> No Changes
--	--------------------------------	-------------------------------------	---	--------------------------------	-------------------------------------

- Amend List of Authorized Individuals per Authorization (N/A FOR STUDENT PERMITHOLDERS)

Amend the List of Authorized Individuals for existing or new Authorization(s) W1 – W6 (complete Section 4c of this form) (select all that apply). Up to eight (8) Authorized Individuals from Section 3c may be assigned to an Authorization.	W1	W2	W3	W4	W5	W6
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Reporting Requirements Principal Investigators and Student Permitholders shall report wildlife taken and/or possessed either within 30 days following the expiration of the permit, upon submitting a renewal application, whichever comes first, or as required by the Authorizations or conditions of the permit (refer to Title 14, subsection 650(p), CCR for reporting requirements). Failure to submit required reports shall result in revocation of an existing permit, and may result in denial of subsequent applications by that Permitholder, or denial of future approval as a Permitholder or Authorized Individual on other permits, pursuant to Title 14, subsections 650(p) and 650(r), CCR.

Amendment Fees:

Fees exclude a nonrefundable three percent (3%) application fee, not to exceed \$7.50 per item (Section 700.4, Title 14, CCR).

	Individual or Entity	Student
Amendment Fee (nonrefundable and submitted with amendment application)	\$61.04	\$25.00

SECTION 3. QUALIFICATIONS AND PROPOSED LIST OF AUTHORIZED INDIVIDUALS

3a. Required Qualifications

The following information is required for all persons requested in the application to independently conduct permitted activities, conduct a portion of the permitted activities, or be named on the permit as an Authorized Individual (refer to Title 14, subsection 650(h) CCR):

- 1. Statement of Qualifications (SOQ):** A statement of qualifications that quantifies and describes experience with requested wildlife and/or similar wildlife. The statement of qualifications shall include approximate number of hours of focused activity in occupied habitat, as well as the approximate number of hours conducting the proposed activities, capture methods, and procedures for each requested wildlife species, wildlife taxonomic group, or similar wildlife taxon, locations and dates experience was obtained, and the name(s) of persons who provided training, any relevant survey, or hands-on training, or experience, and for Principal Investigators only, how responsibilities under subsection 650(b)(19) are met;
- 2. Resume or curriculum vitae:** A resume or *curriculum vitae* that describes the educational background and wildlife-related experience, including a list of any relevant publications; and
- 3. References:** Except for Student Permitholders, current contact information (indicated below) for two (2) references (for example, other Permitholders or experts) who can verify the applicant's experience with requested wildlife.

3b. Principal Investigator (PI) (ONLY APPLICABLE FOR ENTITY PERMITHOLDERS)

The PI is responsible for providing adequate supervision and training of all Authorized Individuals named or covered on the permit - refer to Title 14, subsection 650(f), CCR. If the Executive Signatory is not the same person applying as the Principal Investigator (PI) from Section 2a of the original permit, complete the required information below, including Required Qualifications from Section 3a of this application.



SC ID	FIRST NAME	M.I.	LAST NAME	DOB (MM/DD/YEAR)
GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE)			STATE, COUNTRY, OR TRIBE OF ID	ID NUMBER
<input type="checkbox"/> U.S. STATE ID	<input type="checkbox"/> PASSPORT	<input type="checkbox"/> TRIBAL MEMBER		
TITLE /POSITION			E-MAIL ADDRESS	
PREFERRED TELEPHONE			ALTERNATE TELEPHONE	
PI PREFERRED MAILING ADDRESS (FOR SCP CORRESPONDENCE)				
CITY			STATE	ZIP CODE
AFFILIATION'S NAME (if applicable)				
AFFILIATION'S ADDRESS				
CITY			STATE	ZIP CODE
<input type="checkbox"/> STATEMENT OF QUALIFICATIONS ATTACHED			<input type="checkbox"/> RESUME OR CURRICULUM VITAE ATTACHED	
<input type="checkbox"/> REFERENCE 1:	FIRST NAME	M.I.	LAST NAME	
TITLE /POSITION			E-MAIL ADDRESS	
PREFERRED TELEPHONE			ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)				
<input type="checkbox"/> REFERENCE 2:	FIRST NAME	M.I.	LAST NAME	
TITLE /POSITION			E-MAIL ADDRESS	
PREFERRED TELEPHONE			ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)				

3c. PROPOSED LIST OF AUTHORIZED INDIVIDUALS (LAI) (NOT APPLICABLE FOR STUDENT PERMITHOLDERS)

Complete the required information below for each person proposed to work independently under the PI. A maximum of eight (8) Authorized Individuals, aside from the PI, may be requested for each Authorization with the General Use Amendment fee (refer to Title 14, subsection 650(l), CCR, and Section 4 of this application), but only eight (8) may be approved per Authorization at any given time. Attach the Required Qualifications for each Authorized Individual (refer to Section 3a of this application). If no persons are requested as Authorized Individuals, skip to Section 4 of this application.

Total No. Authorized Individuals requested:

SC ID	FIRST NAME	M.I.	LAST NAME	DOB (MM/DD/YEAR)
GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE)			STATE, COUNTRY OR TRIBE OF ID	ID NUMBER
<input type="checkbox"/> U.S. STATE ID	<input type="checkbox"/> PASSPORT	<input type="checkbox"/> TRIBAL MEMBER		
E-MAIL ADDRESS			PREFERRED TELEPHONE	
AFFILIATION'S NAME (if applicable)				
<input type="checkbox"/> STATEMENT OF QUALIFICATIONS ATTACHED			<input type="checkbox"/> RESUME OR CURRICULUM VITAE ATTACHED	
<input type="checkbox"/> REFERENCE 1:	FIRST NAME	M.I.	LAST NAME	
TITLE /POSITION			E-MAIL ADDRESS	



PREFERRED TELEPHONE		ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)			
<input type="checkbox"/> REFERENCE 2:	FIRST NAME	M.I.	LAST NAME
TITLE /POSITION		E-MAIL ADDRESS	
PREFERRED TELEPHONE		ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)			
<i><Add New Record> Select to provide the same required information for each person requested as an Authorized Individual</i>			

3d. RELATED PERMITS

Are there any collaborators, or other persons or entities (e.g., Permitholders, and/or Principal Investigators or Authorized Individuals not listed above) with permits related to the work planned with this amendment? If yes, provide the following information.			<input type="checkbox"/> Yes	<input type="checkbox"/> No
FIRST NAME	LAST NAME	AFFILIATION NAME	PERMIT ID	
<i><Add New Record></i>				



SECTION 4. GENERAL USE PERMIT INFORMATION – TERRESTRIAL WILDLIFE

The Terrestrial Wildlife program reviews applications for terrestrial and vernal pool invertebrates*, amphibians, reptiles, mammals, and birds.

Purpose and Activities: Conducting surveys and monitoring which involve capturing, handling, measuring, and releasing an unlimited number of terrestrial wildlife only for the purpose of identification and documentation for educational, scientific and select propagation purposes throughout California (see Authorizations below for specified methods). Certain methods of non-invasive marking, sacrifice of some invertebrates, sacrifice of non-native wildlife, as well as salvage may be allowed.

Note: A Terrestrial Wildlife General Use SCP is required to take and/or possess terrestrial invertebrates that occur only in vernal pools, or other ephemeral waters that support vernal pool invertebrates, but do not normally support finfish. A General Use would cover non-routine incidental by-catch or other take of terrestrial invertebrates covered on the California Terrestrial and Vernal Pool Invertebrates of Conservation Priority List (dated June 12, 2017, pursuant to Title 14, subsection 650(a)(9), available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>) during the course of field activities that are otherwise exempt from a permit, in accordance with Title 14, subsections 650(i)(D) and 650(u)(5), CCR.*

*Refer to your permit conditions. If incidental by-catch or other take of the Prohibited Wildlife under each of the Authorizations (W1-W5) becomes routine, even during the course of field activities that are otherwise exempt from a permit in accordance with Title 14, subsection 650(u)(5), contact the Terrestrial Wildlife review program lead to determine if you may need to amend your General Use permit for a particular Authorization, or you should apply for a Specific Use permit, and/or a research MOU.

4a. PURPOSE OF PERMIT

Check the applicable purposes and permit use below which you are requesting to amend pursuant to Title 14, Section 650(c), CCR. For "other" - specify in blank below another activity that does not clearly fit into one of these categories.

<input type="checkbox"/> Science	<input type="checkbox"/> Education	<input type="checkbox"/> Propagation
<input type="checkbox"/> Research <input type="checkbox"/> Survey/ Inventory <input type="checkbox"/> Monitoring <input type="checkbox"/> Museum Collection – (e.g., salvage for specimens, etc.) <input type="checkbox"/> other (specify – e.g., restoration, etc.)	<input type="checkbox"/> Capture and release and/ or display of wild animals in the field (e.g., school groups, field demonstrations, etc.) <input type="checkbox"/> Display of dead salvaged specimens <input type="checkbox"/> other - (specify – e.g., biological collection service, museum or teaching collection, etc.)	<input type="checkbox"/> Short-distance movement out of harm's way <input type="checkbox"/> other (specify – e.g., sacrifice of non-native species to enhance sustainability of native species)
<Other - Text Field>	<Other - Text Field>	<Other - Text Field>

4b. JUSTIFICATION OF USE:

Use the space below to summarize your amended wildlife and activities. It is not necessary to identify each study or research project, if not known at the time of application, but you should describe:

- What counties, or any specific locales it is anticipated activities under a permit will occur in (e.g., federal, state, local or private lands);
- What types of work or activities are expected to be conducted (e.g., research, surveys and monitoring for gathering presence/absence information for environmental documents or permits required by law, educational field trainings or demonstrations; salvage);
- Information about any study(ies) or project(s) collaborated on with other researchers; and
- If applicable, what species are being targeted, or what species could be encountered with authorized methods, if known.

<Text Box>

Review of Species Information

I acknowledge that I, and any other person named or covered in this application as an Authorized Individual, have reviewed, or will have reviewed, the Department's California Natural Diversity Database Quickview or other online tool, the California Endangered Species Act (CESA) Candidate, Endangered and Threatened species list, the Department's Special Animals List for Fully Protected species and California Species of Special Concern, and other sources of information for sensitive wildlife species prior to conducting planned activity(ies). If we am/are aware certain sensitive species may be encountered in the area of my/our planned activities. If methods and locations authorized by this permit may result in take of CESA-listed, CESA-Candidate, or Fully Protected species, I will contact the appropriate review program about whether I/we need a Memorandum of Understanding (MOU), pursuant to Fish and Game Code Section 2081(a), and/or Title 14, Section 670.7, CCR.

4c. TERRESTRIAL WILDLIFE AUTHORIZATIONS

Select one or more of the following Terrestrial Wildlife Authorizations (W1-W6) by checking each taxonomic group applicable to your purpose and justification provided. Enter the PI (Section 3b, required) and/or proposed Authorized Individuals (Section 3c, if applicable) proposed to work under each selected Authorization. The PI, plus a maximum of any eight (8) Authorized Individuals, may be requested for each Authorization, but only eight (8) may be approved per Authorization at any given time. The same Authorized Individuals may be requested for



all Authorizations. The Terrestrial Wildlife review program may approve or deny the PI, and any Authorized Individuals for that Authorization, and may alter the Authorization's LAI based on review of Required Qualifications submitted.

Authorized Individuals (and any unnamed Field Assistants) conducting activities under an issued Terrestrial Wildlife General Use Permit shall adhere to the following:

- All Standard Conditions for Scientific Collecting Permits;
- All captured wildlife will be released alive and unharmed at the site of capture, except as specifically authorized, and may not otherwise be removed from the wild; except for invertebrate voucher specimens, invasive or detrimental animals authorized for sacrifice, and animals incidentally injured or killed during permitted activities;
- Intentional take or possession of animals that are federally-listed as Threatened or Endangered species, and intentional take of State-listed Threatened, Endangered, Candidate, and Fully Protected, or other Prohibited Wildlife will not be authorized. If any of these species are incidentally captured they shall be immediately released without further handling;
- **Reporting:** Notwithstanding subsection 650(p) for form DFW 1379a (Mandatory Wildlife Report), reporting will be specified as Conditions of your Terrestrial Wildlife General Use Permit at time of issuance.
- All conditions from one or more of your selected wildlife group(s) below that match your justification in Section 4b.

Terrestrial & Vernal Pool Invertebrates (W1)

Terrestrial and vernal pool invertebrates may be taken in accordance with the restrictions below.

Wildlife and Activities: Terrestrial and vernal pool invertebrates that occur in vernal pools, or other ephemeral waters that support vernal pool invertebrates, but do not normally support finfish, may be captured, handled, and released. Limited sacrifice of vernal pool invertebrate voucher specimens is authorized only as needed for identification. Vernal pool invertebrates incidentally killed during capture activities may be salvaged. Invertebrates covered on the California Terrestrial and Vernal Pool Invertebrates of Conservation Priority list List (dated June 12, 2017, pursuant to Title 14, subsection 650(a)(9), available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>) may be taken as by-catch incidentally (capture, handle and release) during the course of field activities that are otherwise exempt from needing a permit (pursuant to Title 14, subsection 650(u)(5), CCR) or during the course of permitted field activities.

Prohibited Wildlife: The following invertebrates shall not be targeted, and if incidentally captured shall be immediately released without further handling*:

- State- and federally-listed Threatened and Endangered, and State-designated candidate invertebrates.
- California Terrestrial and Vernal Pool Invertebrates of Conservation Priority, (dated June 12, 2017, pursuant to Title 14, subsection 650(a)(9), available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>).

Methods and Equipment: hand and net, or other capture methods may be used which minimize potential incidental take of Prohibited Wildlife.

Limit and Disposition: Survey by capture, handle, and release of non-prohibited vernal pool invertebrates – unlimited. Limited sacrifice of native, or non-native, non-prohibited vernal pool invertebrates for voucher specimens is authorized only as needed for identification – not to exceed 10% of a local population. All salvaged or sacrificed specimens shall be deposited in a public scientific or educational institution, zoological park, museum or scientific entity in California within 12 months of acquisition, or as soon as reasonably possible.

Locations: Throughout California.

Additional conditions for terrestrial and vernal pool invertebrates may be specified as Conditions of your Terrestrial Wildlife General Use Permit at time of issuance. *Any invertebrates covered on the California Terrestrial and Vernal Pool Invertebrates of Conservation Priority list List that are incidentally taken as by-catch during the course of field activities that are otherwise exempt from a permit (Title 14, subsection 650(u)(5), CCR), or during the course of permitted field activities, shall be reported to the Department pursuant to Title 14, subsection 650(p)(2), CCR.

W1 Proposed Authorized Individuals:

SC ID	FIRST NAME	LAST NAME
<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>
<Add New Record>		

W1 Measures Minimizing Harm of Wildlife:



Describe what measures will be employed to minimize incidental harm or death of all captured wildlife, including how you will avoid the incidental capture (by-catch) of non-target wildlife and special status species, and describe how you will minimize risk to wildlife during handling and/or procedures (e.g., personnel are trained in identification and supervision, discriminant capture methods, handling procedures and duration, etc.).

<Text Box>

Amphibians (W2)

Adult and larval amphibians may be taken in accordance with the restrictions below.

Wildlife and Activities: Amphibians may be captured, handled, measured, marked, and released. Non-native amphibians from the Orders Anura and Caudata incidentally encountered during field activities may be captured and sacrificed. Amphibians incidentally killed during capture activities may be salvaged.

Prohibited Wildlife: The following amphibians and amphibian life stages shall not be targeted, and if incidentally captured shall be immediately released without further handling:

- State- and federally-listed Threatened and Endangered, State-designated Candidate, and Fully Protected amphibians.
- California Amphibian Species of Special Concern.
- Eggs of all native amphibians.

Methods and Equipment: Amphibians may be captured by hand and dip net. Amphibians may be marked using standard non-toxic, non-invasive methods (i.e., non-toxic fluorescent powders).

Limit and Disposition: Capture, handle and release of non-prohibited amphibians – unlimited. Sacrifice of non-native amphibians – unlimited. All salvaged specimens shall be deposited in a public scientific or educational institution, zoological park, museum or scientific entity in California within three months of acquisition.

Locations: Throughout California.

Additional conditions for amphibians may be specified as Conditions of your Terrestrial Wildlife General Use Permit at time of issuance.

W2 Proposed Authorized Individuals:

SC ID	FIRST NAME	LAST NAME
<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>

<Add New Record>

W2 Measures Minimizing Harm of Wildlife:

Describe what measures will be employed to minimize incidental harm or death of all captured wildlife, including how you will avoid the incidental capture (by-catch) of non-target wildlife and special status species, and describe how you will minimize risk to wildlife during handling and/or procedures (e.g., personnel are trained in identification and supervision, discriminant capture methods, handling procedures and duration, etc.).

<Text Box>

Reptiles (W3)

Reptiles may be taken in accordance with the restrictions below.

Wildlife and Activities: Reptiles may be captured, handled, measured, marked, and released. Non-native reptiles from the Orders Squamata and Testudines incidentally encountered during field activities may be captured and sacrificed. Reptiles incidentally killed during capture activities may be salvaged.

Prohibited Wildlife: The following reptiles and reptile life stages shall not be targeted, and if incidentally captured shall be immediately released without further handling.

- State- and federally-listed Threatened and Endangered, State-designated Candidate, and Fully Protected reptiles.



- California Reptile Species of Special Concern.
- Sea turtles and sea snakes.
- Eggs of all native reptiles.

Methods and Equipment: Reptiles may be captured by hand, dip net, lizard noose, snake tongs, and snake hook. Reptiles may be marked using standard non-toxic, non-invasive methods (i.e., non-toxic ink, paint, correction fluid, or black dye).

Limit and Disposition: Capture, handle and release of non-prohibited reptiles – unlimited. Sacrifice of non-native reptiles – unlimited. All salvaged specimens shall be deposited in a public scientific or educational institution, zoological park, museum or scientific entity in California within three months of acquisition.

Locations: Throughout California.

Additional conditions for reptiles may be specified as Conditions of your Terrestrial Wildlife General Use permit at time of issuance.

W3 Proposed Authorized Individuals:

SC ID	FIRST NAME	LAST NAME
<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>

<Add New Record>

W3 Measures Minimizing Harm of Wildlife:

Describe what measures will be employed to minimize incidental harm or death of all captured wildlife, including how you will avoid the incidental capture (by-catch) of non-target wildlife and special status species, and describe how you will minimize risk to wildlife during handling and/or procedures (e.g., personnel are trained in identification and supervision, discriminant capture methods, handling procedures and duration, etc.).

<Text Box>

Mammals (W4)

Only small mammals in the families Soricidae, Talpidae, Aplodontidae, Cricetidae, Dipodidae, Geomyidae, Heteromyidae, Muridae, and Sciuridae may be taken in accordance with the restrictions below.

Wildlife and Activity: Only small mammals in the nine families noted above may be captured, handled, measured, marked, and released. Non-native mice and rats from the family Muridae incidentally captured during trapping activities may be sacrificed. Small mammals incidentally killed during capture and trapping activities may be salvaged.

Prohibited Wildlife: The following mammals and mammal life stages shall not be targeted and if incidentally captured, shall be immediately released without further handling:

- State- and federally-listed Threatened and Endangered, State-designated Candidate, and Fully Protected mammals.
- California Mammal Species of Special Concern.
- Mammals in families other than the nine noted above are prohibited (see exception for non-native mice and rats in Muridae).
- Nests of all mammals (e.g., woodrat nests).

Methods and Equipment: Small mammals may be captured by box or cage live-traps of appropriate size to preclude capture of medium-sized mammals or carnivores. Small mammals may be marked using standard non-toxic, non-invasive methods (i.e., non-toxic ink or black dye).

Limit and Disposition: Capture, handle, and release of non-prohibited small mammals – unlimited. Sacrifice of non-native mice and rats – unlimited. All salvaged specimens shall be deposited in a public scientific or educational institution, zoological park, museum or scientific entity in California within three months of acquisition.

Locations: Throughout California excluding the ranges and occupied habitat of prohibited small mammals.

Additional conditions for mammals may be specified as Conditions of your Terrestrial Wildlife General Use permit at time of issuance

W4 Proposed Authorized Individuals:

SC ID	FIRST NAME	LAST NAME
-------	------------	-----------



<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>
<Add New Record>		
W4 Measures Minimizing Harm of Wildlife:		
Describe what measures will be employed to minimize incidental harm or death of all captured wildlife, including how you will avoid the incidental capture (by-catch) of non-target wildlife and special status species, and describe how you will minimize risk to wildlife during handling and/or procedures (e.g., personnel are trained in identification and supervision, discriminant capture methods, handling procedures and duration, etc.).		
<Text Box>		

Birds (W5)

Birds may be taken in accordance with the restrictions below.

Wildlife and Activities: Birds may be captured, handled, measured, marked, and released. Birds incidentally killed during capture and trapping activities may be salvaged.

Prohibited Wildlife: The following birds and bird life stages shall not be targeted and if incidentally captured, shall be immediately released without further handling:

- State- and federally-listed Threatened and Endangered, State-designated Candidate, and Fully Protected birds.
- California Bird Species of Special Concern.
- All birds in the families and orders Anatidae, Galliformes, Procellariiformes, Phalacrocoracidae, Pelecanidae, Ardeidae, Threskiornithidae, Accipitriformes, Gruiformes, Alcidae, Laridae, Strigiformes, Trochilidae, and Falconiformes.
- Nests, eggs, and nestlings of all birds.

Birds protected by the federal Migratory Bird Treaty Act may only be authorized if the species and activities are also covered under appropriate federal permit(s).

Methods and Equipment: Birds may be captured by mist net. Birds may be marked with government-issued, or approved numbered metal bands. Auxiliary markers (including color bands) or other marking techniques can only be authorized under a Specific Use permit.

Limit and Disposition: Capture, handle and release of non-prohibited birds – unlimited.

Locations: Throughout California.

Additional conditions for birds may be specified as Conditions of your Terrestrial Wildlife General Use permit at time of issuance.

W5 Proposed Authorized Individuals:

SC ID	FIRST NAME	LAST NAME
<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>
<Add New Record>		
W5 Measures Minimizing Harm of Wildlife:		
Describe what measures will be employed to minimize incidental harm or death of all captured wildlife, including how you will avoid the incidental capture (by-catch) of non-target wildlife and special status species, and describe how you will minimize risk to wildlife during handling and/or procedures (e.g., personnel are trained in identification and supervision, discriminant capture methods, handling procedures and duration, etc.).		



<Text Box>

Terrestrial Wildlife Salvage (W6)

Dead terrestrial wildlife may be taken in accordance with the restrictions below.

Wildlife and Activities: Dead vernal pool invertebrates, amphibians, reptiles, mammals, birds, and their parts, that the Permitholder and all Authorized Individuals named or covered under this Authorization had no part in the killing or death thereof may be salvaged from the wild, for scientific and wildlife conservation education purposes. Dead specimens that are unsuitable for donation shall be left at the site or shall be completely destroyed through burial or incineration.

Prohibited Wildlife: The following animals and life stages shall not be salvaged without additional written instruction from the department: State-listed Threatened and Endangered, State-designated Candidate, or Fully Protected species, mountain lions, big game (bear, elk, deer, antelope, feral pig), amphibian and reptile eggs, bird nests and bird eggs (including viable or unviable eggs and abandoned nests).

Limit: Unlimited non-Prohibited Wildlife.

Final Disposition: All salvaged specimens shall be deposited in a public scientific or educational institution, zoological park, museum or scientific entity in California within three months of acquisition.

Locations: Throughout California, excluding at renewable energy facilities, when part of mortality monitoring activities.

Additional conditions for salvage may be specified as Conditions of your Terrestrial Wildlife General Use permit at time of issuance.

W6 Proposed Authorized Individuals:

SC ID	FIRST NAME	LAST NAME
<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>	<Filtered Dropdown List from Section 3c>

<Add New Record>

W6 Measures to Minimizing Harm of Wildlife:

Describe what measures will be employed to minimize incidental harm to other wildlife during your salvage activities, including how you will avoid the incidental possession of non-target wildlife and special status species. List the name(s) and address(es) of the public, scientific or educational institution(s) to which all wildlife specimens and/or parts thereof will be transferred, if known.

<Text Box>



SECTION 5. OTHER PERMITS AND ENVIRONMENTAL DOCUMENTS

5a. FEDERAL PERMITS

Do you currently hold/ are named on, have applied for, or will apply for a federal permit pertinent to your requested activities? Yes
 Select all that apply to this amendment, and attach copies of permits, or applications. No

<input type="checkbox"/> Federal Endangered Species Act 10(a)(1)(A) Native Endangered and Threatened Species Recovery Permit – U.S. Fish and Wildlife Service Permit No(s):	<input type="checkbox"/> Bird Banding Permit – U.S. Geological Survey Permit No(s):
<input type="checkbox"/> Federal Endangered Species Act 10(a)(1)(A) Scientific Research Permit – National Oceanic and Atmospheric Administration, Fisheries (NMFS) Permit No(s):	<input type="checkbox"/> Migratory Bird Permit – U.S. Fish and Wildlife Service Permit No(s):
<input type="checkbox"/> Federal Endangered Species Act 4(d) rule – Research Permit No(s):	<input type="checkbox"/> Other (e.g., National Parks Service, National Marine Sanctuaries, Bureau of Land Management, National Wildlife Refuge, etc.) Type and Permit No.(s):

5b. STATE PERMITS

Do you currently hold, or are named on, or have applied for, or will apply for a state permit pertinent to your requested take activities? Select all that apply to this amendment, and attach copies of permits and/or applications. Yes
 No

<input type="checkbox"/> California Endangered Species Act and/or Fully Protected Species Research MOU(s) – Department Permit or MOU Names or No.(s):	Common name(s) (<i>Scientific name</i>)
<input type="checkbox"/> Scientific Research and Collecting Permits – CA State Parks Permit No(s):	<input type="checkbox"/> Other (e.g., California Dept. of Food and Agriculture)

5c. RELEVANT ENVIRONMENTAL DOCUMENTS

Are you proposing to conduct activities to meet requirements of an environmental plan or document or to meet other environmental compliance required by law? Select all that may apply to this amendment, and provide the name and date of the document(s). Yes
 No

<input type="checkbox"/> Federal – Federal Endangered Species Act Section 7 Consultation, Biological Opinion	<input type="checkbox"/> Federal Hydropower Licensing (Federal Energy Regulatory Commission)
<input type="checkbox"/> Renewable Energy (i.e., wind, solar, etc.)	<input type="checkbox"/> California Environmental Quality Act
<input type="checkbox"/> National Environmental Policy Act	<input type="checkbox"/> Fish Restoration Grants Program
<input type="checkbox"/> Natural Community Conservation Plan	<input type="checkbox"/> Lake and Streambed Alteration Agreement
<input type="checkbox"/> Hatchery, or Department Fishery Management Plan	<input type="checkbox"/> Water Operations (U.S. Bureau of Reclamation, California Dept. of Water Resources, Interagency Ecological Program, etc.)

Other



SECTION 6. AMENDMENT CERTIFICATION

In signing this application, the applicant to serve as a Permitholder, or to serve as the Executive Signatory (for an Entity permit), and any requested Authorized Individuals agree to the following:

"I certify that the information submitted in this application is complete and accurate to the best of my knowledge and belief. I understand that if I fail to provide required information, my permit may be denied. I further certify I have read, understand, and agree to abide the applicable provisions of the Fish and Game Code, and Title 14, Section 650, CCR, and will abide by all the conditions and attachments of the issued permit. I certify that I am not currently under any Department of Fish and Wildlife license or permit revocation or suspension, and there are no other legal or administrative proceedings pending that may disqualify me from obtaining this permit or any amendments. I understand that any false statement herein may make this permit void and subject me to suspension or revocation of this permit pursuant to Title 14, Section 650, CCR, and to the criminal penalties set forth in Fish and Game Code Section 12002. I further understand I am responsible for ensuring all persons working under this permit will be adequately supervised, and comply with the requirements noted above."

APPLICANT SIGNATURE

X

DATE



INSTRUCTIONS FOR THE GENERAL USE AMENDMENT APPLICATION

Aside from reading these instructions, it is also important that you read Title 14, Section 650, California Code of Regulations (CCR), permit descriptions, and Standard Conditions for All Scientific Collecting Permits (SCPs) (form DFW 1379d), so that you have a thorough understanding of the requirements (available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>). Additional State and federal permits may be required, and your amendment application may be deemed incomplete if copies of these permits are not submitted with the SCP General Use Permit Application. **Complete applicable sections of this form for the amendment or change requested** (thus not all fields are required, unless applicable for your requested change(s)).

This SCP General Amendment application is only used to **request changes to your existing SCP (refer to Title 14, subsection 650(I), CCR)**. A General Amendment may be requested for eligible changes listed on General Use level amendment forms. The amendment application will be reviewed by the appropriate department review program upon payment of the General Amendment fee, and may be approved or denied at the department's discretion. **This amendment application will not extend the expiration or permit valid date(s) of your existing SCP**. When you need to renew your SCP, the appropriate SCP General Use application form (DFW 1379 GF, GM or GW) should be used.

COMPLETING THE APPLICATION

Pursuant to Title 14, subsection 650(e), CCR, amendment forms are available on the department's internet web site: www.wildlife.ca.gov. Applications to amend an existing permit are subject to the same application and review procedures as applications to apply for a permit. Amendments shall be submitted in an electronic format when available; no handwritten applications shall be accepted. Name(s) of all persons listed on the amendment application shall match those on government-issued identification. Failure to answer any questions fully, or failure to submit any required information, or the proper application fee, may delay the processing of your amendment application, or result in denial of the amendment application. **The Department will determine if an amendment application is complete within 40 calendar days** from the date the application fee clears payment. Once the application is determined to be complete, the Department will approve or deny the amendment application within 60 calendar days, notwithstanding certain pending permits that require notification to the public. Therefore, please allow a minimum of 12 weeks for processing an amendment application. Amendment applications are processed in the order received.

Section 1 – Amendment Request: Enter the Permit ID to amend.

Amendment Summary: Select the section(s) of the permit this amendment applies to. Eligible changes include the Executive Signatory exchanging a Principal Investigator on an Entity permit, the addition or exchange of Authorized Individuals on the permit's LAI, and the addition of (a) new Authorization(s) within the same permit.

Section 2 – Permitholder Information (not amendable, but administrative updates may be made online).

Section 3 – Qualifications and Proposed List of Authorized Individuals

3a Required Qualifications – Prepare and submit required qualifications for all persons requesting to be named on the List of Authorized Individuals (Not applicable for applicants as Student Permitholders). Attach Statements of Qualifications, and Resumes or *curriculum vitae*.

3b Principal Investigator – Fill in the information for the Principal Investigator (Entity and Individual permits only). Complete the required information for the person proposed to work as the Principal Investigator (PI) for an Entity permit. If the Executive Signatory is not the same person applying as the Principal Investigator (PI) from Section 2a of the original permit, complete the required information below, including Required Qualifications from Section 3a of this application. Attach the Required Qualifications. The PI is responsible for providing adequate supervision and training of all Authorized Individuals named or covered on the List of Authorized Individuals (LAI).

3c Proposed List of Authorized Individuals – A maximum of eight (8) Authorized Individuals, aside from the PI, may be requested for each Authorization included with the permit fees to be named on the LAI, but only eight (8) may be approved per Authorization at any given time. Complete the required information, and attach the Required Qualifications for each proposed Authorized Individual. If no persons are requested in the amendment to work as Authorized Individuals, skip to Section 4.

3d Related Permits – Are there any collaborators, or other persons or entities (e.g., Permitholders, and/or Principal Investigators or Authorized Individuals not listed) with permits related to the work planned with this amendment? If yes, provide information for each.

Section 4 – General Use Permit Information Describe details of all of your requested activities in this section. Attach additional documents if necessary.

4a Purpose of Permit – Check the applicable purpose(s) and permit use subcategory(ies) requesting to amend. For "other" - specify in blank below any other activity that does not clearly fit into one of these categories.



4b Justification of Use – Use the space provided to summarize your amended wildlife and activities. It is not necessary to identify each study or research project, if not known at the time of application; however, an answer is required to justify your request. Check the box to acknowledge that the Permitholder and all Authorized Individuals have reviewed the Department's California Natural Diversity Database Quick view or other online tool, the California Endangered Species Act (CESA) Candidate, Endangered, and Threatened species list, the Department's Special Animals List for Fully Protected species and California Species of Special Concern, and other sources of information for sensitive wildlife species.

4c Authorizations – Select one or more of the Authorizations (W1-W6) by checking each taxonomic group applicable to your purpose and justification provided. If applying as an Entity or Individual Permitholder, enter the PI (Section 3b, required) and/or Authorized Individuals (Section 3c, if applicable) proposed to work under each selected Authorization. The PI, plus a maximum of any eight (8) Authorized Individuals, may be requested for each Authorization, but only eight (8) may be approved per Authorization at any given time. The same Authorized Individuals may be requested for all Authorizations. The Terrestrial Wildlife review program may approve or deny the PI, and any Authorized Individuals for that Authorization, and may alter the Authorization's LAI based on review of Required Qualifications submitted.

Section 5 – Other Permits and Environmental Documents Provide a complete copy of current federal and State permit(s), or applications for such permits that apply to this amendment application, and any other written State authorizations, such as a current MOU, if applicable.

Section 6 – Amendment Certification Verify all fields are complete and required documents are attached, sign (electronically) and date.

REPORTING REQUIREMENTS

The Mandatory Wildlife Report (form DFW 1379a), or "Report" is required for every General and Specific Use level permit. Each permit may have slightly different timeframes for frequency of submission of the Report, so check permit Authorizations and/or conditions for details on submission frequency and timing. The report form is available with separate instructions at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting> in a fill and save format. Upon completion of the electronic report, send it to the correct contact listed in your permit conditions. If no contact is specified in your permit conditions, send the report to SCPPermits@wildlife.ca.gov. Any other report format required pursuant to Title 14, subsection 650(p)(2), and specified in the conditions of your SCP shall also be submitted by the specified timeframes. See also Standard Conditions for all Scientific Collecting Permits (form DFW 1379d), Standard Conditions G and I for more reporting guidance.

PAYMENT POLICY

The Department accepts cashier's checks, money orders, personal or business checks,* or credit cards.** If a receipt for payment is needed before the amendment is issued, please notify the Department when the application form is submitted. The amendment fee is non-refundable for all permit categories and types - refer to Title 14, subsection 703(c), CCR for details. Amendment fees shall be submitted with the amendment application, or the Department may refuse to issue the amendment, and may change the approval into a denial.

***Personal or business checks** will be accepted by the Department if a name and address are imprinted on the check. A check returned to the Department due to insufficient funds will render your permit invalid. Make checks payable to the Department of Fish and Wildlife.

****Credit Cards** – Licenses, permits, tags, stamps, or registrations may be purchased with a Visa or MasterCard by completing a Credit Card Authorization Form (DFW 1443). The form is available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>.

Cash can no longer be accepted at Department offices as of January 1, 2017.

NOTICE

Disclosure Statement - Under Section 650, Title 14, of the CCR, the Department is authorized to collect information from applicants to maintain a record of licensure. Under Fish and Game Code Section 391, personal information submitted on this application may be released for law enforcement purposes, pursuant to court order, or for official natural resources management purposes, or as may otherwise be required under the California Public Records Act. Issued SCPs are public records, and their related applications may be subject to public disclosure under the California Public Records Act, or other applicable law. People with concerns about records being released to the public should contact CDFW before submitting an application.

A licensee or Permitholder may obtain a copy of his/her license records maintained by the Department by submitting a written request to the Custodian of Records, Department of Fish and Wildlife, License and Revenue Branch, 1740 N. Market Blvd., Sacramento, CA 95834 or lr@wildlife.ca.gov. All requests shall include the requestor's name, address, and telephone number.



IMPORTANT: Read Title 14, Section 650, California Code of Regulations (CCR), as well as all instructions (last section of this form), permit descriptions, and all Standard Conditions for Scientific Collecting Permits (SCP), available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>. Complete applicable sections of this form for the amendment or change requested.

SECTION 1. AMENDMENT REQUEST

Permit ID to Amend

Amendment Summary: (Select the section(s) of the permit this amendment applies to)

Change Principal Investigator (**complete Section 3b** of this form). (N/A FOR INDIVIDUAL AND STUDENT PERMITHOLDERS) *The Executive Signatory requests a PI, who must meet Required Qualifications summarized in Section 3a*

Amend the List of Authorized Individuals (**complete Section 3c** of this form). (N/A FOR STUDENT PERMITHOLDERS)

Amend Specific Use Permit Information (select all that apply)

- | | |
|--|--|
| <input type="checkbox"/> Amend Study Purpose (Section 4a) | <input type="checkbox"/> Amend Study Information (Section 4b) |
| <input type="checkbox"/> Amend Background and Past Findings (Section 4c) | <input type="checkbox"/> Amend Executive Summary (Section 4d) |
| <input type="checkbox"/> Amend Wildlife Taxonomic Groups and Review (Section 4e) | <input type="checkbox"/> Amend Targeted / Non-Targeted Wildlife (Section 4f-1) |
| <input type="checkbox"/> Amend Take and/or Possession Activity (Section 4f-2) | <input type="checkbox"/> Amend Take Methods (Section 4f-3) |
| <input type="checkbox"/> Amend Procedures (Section 4f-4) | <input type="checkbox"/> Amend Sacrifice Of Wildlife (Section 4f-5) |
| <input type="checkbox"/> Amend Captivity Of Wildlife (Section 4f-6) | <input type="checkbox"/> Amend Geographic Locations and Description (Section 4f-7) |
| <input type="checkbox"/> Amend Disposition Location (Section 4f-8) | <input type="checkbox"/> Amend Authorized Individuals Study Role (Section 4f-9) |

Reporting Requirements Principal Investigators and Student Permitholders shall report wildlife taken and/or possessed either within 30 days following the expiration of the permit, upon submitting a renewal application, whichever comes first, or as required by the Authorizations or conditions of the permit (refer to Title 14, subsection 650(p), CCR for reporting requirements). Failure to submit required reports shall result in revocation of an existing permit, and may result in denial of subsequent applications by that Permitholder, or denial of future approval as a Permitholder or Authorized Individual on other permits, pursuant to Title 14, subsections 650(p) and 650(r), CCR.

Amendment Fees:

Fees exclude a nonrefundable three percent (3%) application fee, not to exceed \$7.50 per item (Title 14, Section 700.4, CCR).

	Individual or Entity	Student
Amendment Fee (nonrefundable and submitted with amendment application)	\$89.28	\$25.00

SECTION 3. QUALIFICATIONS AND PROPOSED LIST OF AUTHORIZED INDIVIDUALS

3a. Required Qualifications

The following information is required for all persons requested in the application to independently conduct permitted activities, conduct a portion of the permitted activities, or be named on the permit as an Authorized Individual (refer to Title 14, subsection 650(h) CCR):

- 1. Statement of Qualifications (SOQ):** A statement of qualifications that quantifies and describes experience with requested wildlife and/or similar wildlife. The statement of qualifications shall include approximate number of hours of focused activity in occupied habitat, as well as the approximate number of hours conducting the proposed activities, capture methods, and procedures for each requested wildlife species, wildlife taxonomic group, or similar wildlife taxon, locations and dates experience was obtained, and the name(s) of persons who provided training, any relevant survey, or hands-on training, or experience, and for Principal Investigators only, how responsibilities under subsection 650(b)(19) are met;
- 2. Resume or curriculum vitae:** A resume or *curriculum vitae* that describes the educational background and wildlife-related experience, including a list of any relevant publications; and
- 3. References:** Except for Student Permitholders, current contact information (indicated below) for two (2) references (for example, other Permitholders or experts) who can verify the applicant's experience with requested wildlife. For new applicants requesting take and/or possession of mountain lion (*Puma concolor*), two letters of recommendation shall be submitted as verifiable documentation, pursuant to Section 4810 of the Fish and Game Code.

3b. Principal Investigator (PI) (ONLY APPLICABLE FOR ENTITY PERMITHOLDERS)

The PI is responsible for providing adequate supervision and training of all Authorized Individuals named or covered on the permit - refer to Title 14, subsection 650(f), CCR. If the Executive Signatory is not the same person applying as the Principal Investigator (PI) from Section 2a of the original permit application, complete the required information below, including Required Qualifications from Section 3a of this application.



SCIENTIFIC COLLECTING PERMIT, SPECIFIC USE – AMENDMENT

SC ID	FIRST NAME	M.I.	LAST NAME	DOB (MM/DD/YEAR)
GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE)			STATE, COUNTRY, OR TRIBE OF ID	ID NUMBER
<input type="checkbox"/> U.S. STATE ID	<input type="checkbox"/> PASSPORT	<input type="checkbox"/> TRIBAL MEMBER		
TITLE /POSITION			E-MAIL ADDRESS	
PREFERRED TELEPHONE			ALTERNATE TELEPHONE	
PI PREFERRED MAILING ADDRESS (FOR SCP CORRESPONDENCE)				
CITY			STATE	ZIP CODE
AFFILIATION'S NAME (if applicable)				
AFFILIATION'S ADDRESS				
CITY			STATE	ZIP CODE
<input type="checkbox"/> STATEMENT OF QUALIFICATIONS ATTACHED			<input type="checkbox"/> RESUME OR CURRICULUM VITAE ATTACHED	
<input type="checkbox"/> REFERENCE 1:	FIRST NAME	M.I.	LAST NAME	
TITLE /POSITION			E-MAIL ADDRESS	
PREFERRED TELEPHONE			ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)				
<input type="checkbox"/> REFERENCE 2:	FIRST NAME	M.I.	LAST NAME	
TITLE /POSITION			E-MAIL ADDRESS	
PREFERRED TELEPHONE			ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)				

3c. PROPOSED LIST OF AUTHORIZED INDIVIDUALS (LAI) (NOT APPLICABLE FOR STUDENT PERMITHOLDERS)

Complete the required information below for each person proposed to work independently under the Principal Investigator (PI). Up to eight (8) Authorized Individuals, aside from the PI, may be requested with the original permit fees (refer to Title 14, subsection 650(j), CCR) and see Section 3d, below. To add additional Authorized Individual(s), a Specific Amendment fee applies. Attach the Required Qualifications for each Authorized Individual (refer to Section 3a of this application). If no persons are requested to be added to work as Authorized Individuals, skip to Section 4.

Total No. Authorized Individuals requested:

SC ID	FIRST NAME	M.I.	LAST NAME	DOB (MM/DD/YEAR)
GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE)			STATE, COUNTRY OR TRIBE OF ID	ID NUMBER
<input type="checkbox"/> U.S. STATE ID	<input type="checkbox"/> PASSPORT	<input type="checkbox"/> TRIBAL MEMBER		
E-MAIL ADDRESS			PREFERRED TELEPHONE	
AFFILIATION'S NAME (if applicable)				
<input type="checkbox"/> STATEMENT OF QUALIFICATIONS ATTACHED			<input type="checkbox"/> RESUME OR CURRICULUM VITAE ATTACHED	
<input type="checkbox"/> REFERENCE 1:	FIRST NAME	M.I.	LAST NAME	
TITLE /POSITION			E-MAIL ADDRESS	



PREFERRED TELEPHONE		ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)			
<input type="checkbox"/> REFERENCE 2:	FIRST NAME	M.I.	LAST NAME
TITLE /POSITION		E-MAIL ADDRESS	
PREFERRED TELEPHONE		ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)			
<Add New Record> Select to provide the same required information for each person requested as an Authorized Individual			

3d. ADDITIONAL AUTHORIZED INDIVIDUALS JUSTIFICATION

Eight (8) Authorized Individuals are included in the permit fees; if additional Authorized Individual(s) are requested during amendment, then a Specific Amendment fee will be assessed as specified in Title 14, subsections 650(l) and 703(c), CCR. Provide justification below of why the proposed activities would need more than eight (8) Authorized Individuals approved with your original permit. *Click "Add New Record" above to provide the same required information in Section 3c when more than eight persons are requested as Authorized Individuals.*

<Text Box>

3e. RELATED PERMITS

Are there any collaborators (Permitholders, and/or Principal Investigators or Authorized Individuals not listed above) with permits related to the work planned with this permit or amendment? If yes, provide their names and Permit IDs.

Yes No

FIRST NAME	LAST NAME	SC ID	AFFILIATION NAME	PERMIT ID

<Add New Record >

SECTION 4. SPECIFIC USE PERMIT INFORMATION

4a. PURPOSE OF PERMIT

For Section 4, provide all details to answer each question in the following fields. You may provide an attached study proposal or additional information in subsection 4f(10), but all information entered into each field in subsections 4a-4f must contain sufficient detail to be able to stand-alone for the evaluation of the application.

For subsection 4a, check the applicable purpose(s) and permit use subcategory(ies) below for this amendment per Title 14, subsection 650(c), CCR. For "other" - specify in blank below any other activity that does not clearly fit into one of these categories.

<input type="checkbox"/> Science	<input type="checkbox"/> Education	<input type="checkbox"/> Propagation
<input type="checkbox"/> Research <input type="checkbox"/> Survey/ Inventory <input type="checkbox"/> Monitoring <input type="checkbox"/> Museum Collection <input type="checkbox"/> other (specify – e.g., restoration, etc.)	<input type="checkbox"/> Capture and release and/ or display of wildlife in the field (e.g., tidepools, school groups, field demonstrations, etc.) <input type="checkbox"/> Live display of releasable or non-releasable wildlife in captivity <input type="checkbox"/> Display of dead salvaged specimens <input type="checkbox"/> other – (specify – e.g., biological collection service, museum collection, etc.)	<input type="checkbox"/> Wild (<i>in situ</i>) – relocation, reintroduction or translocation <input type="checkbox"/> Captive (<i>ex situ</i>) <input type="checkbox"/> Short-distance movement - out of harm's way <input type="checkbox"/> other (specify – e.g., sacrifice of non-native species to enhance sustainability of native species, etc.)
<Other - Text Field>	<Other - Text Field>	<Other - Text Field>

4b. AMENDED PERMIT INFORMATION



1) Permit Scope, Goals, and Objectives. Explain how this amendment maintains the fundamental scope of the permitted study or planned undertaking. Explain the requested changes in the following sections relate the purpose(s) of your study or planned undertaking to any research questions and/or hypotheses, goal(s) and objective(s) designed to carry out all requested activity(ies).

<Text Box>

2) Permit Need or Benefit. Justify the need and/or benefit of the amended take of wildlife and activities for science, education, and/or propagation pursuant to Title 14, subsection 650(c), as follows:

- Scientific purpose: include the significance of the research, questions or hypotheses seeking to be addressed, and/or how your research would directly benefit the species or fulfil an important research, management, or other need. Pursuant to subsection 650(b)(23), research includes, but is not limited to, surveys or inventories to assess the potential for, or to monitor actual project impacts on wildlife resources (e.g., presence/absence surveys, or monitoring).
- Educational purpose: include the significance of the education or educational program, training, and/or benefit of instruction about the state's natural resources.
- Propagation purpose: include the significance of propagation or sustainability benefit, *in situ* (or maintain in wild) or *ex situ* (captive outside the wild) breeding or rearing, possession of hatchery raised fish, ecosystem restoration benefits or population augmentation, and/or efforts to promote maintenance of biologically sustainable populations.

<Text Box>

3) Study or Planned Undertaking Timeframe: Provide any changes to the approximate timeframe for the permitted study or period of planned undertaking, even if it extends beyond the duration of this permit (three years for Entity and Individual Permit holders; one year for Student Permit holders)- including all activities, and field and lab work.

Estimated Start Date:

<Date Picker>

Estimated End Date:

<Date Picker>

4c. AMENDED BACKGROUND AND PAST FINDINGS

1) Identify pertinent background information, including survey protocols and a literature cited section, which supports the amended study, activity(ies), or planned undertaking, or provide copies of any reports or publications from previous or similar research or activities conducted on the requested wildlife. When applicable, explain how the research will address questions not answered by earlier research. If not applicable, state "not applicable."

<Text Box>

2) Discuss how any past findings have contributed to the body of knowledge on the subject and how they relate to your proposed goals and objectives, if applicable. If not applicable, state "not applicable."

<Text Box>

3) Explain how your proposed activities relate to a larger series of projects or research plans (explain from subsection 3e of this application), if applicable. If not applicable, state "not applicable."

<Text Box>

4) If there is an existing conservation strategy or management plan that relates to your proposed activities (e.g., USFWS recovery plans, California Species of Special Concern manuscripts, Department Fishery Management Plan), identify conservation actions, recovery tasks, research needs and/or monitoring recommendations, if applicable. Be sure to explain any permits or environmental documents checked in Section 5 of this application. If not applicable, state "not applicable."

<Text Box>

4d. AMENDED EXECUTIVE SUMMARY

1) Title. If applicable, provide an amended title for the study or planned undertaking that accurately represents the full scope of the proposed activity(ies) for the permit duration period. The title should identify the purpose, targeted wildlife taxonomic group(s) or species, and general location(s).

<Text Box>

2) Abstract. Provide a summary of the amended study or planned undertaking that includes the main goals and objectives or research question(s), species or taxonomic group(s), take and analysis methods, and general locations. Additional information, e.g. past findings, benefit or need, or relevant environmental documents or plans may be provided, but is not required.



<Text Box>

3) Public Information Release. Issued SCPs are public records, pursuant to Title 14, subsection 650(k), CCR, and through the Public Records Act. However, the Department requests Permitholders make their preferred contact information, and Executive Summary (Title and Abstract) available to interested parties to facilitate research communication and collaboration.

Note: Release is mandatory for applications requiring public notice: request of mountain lion, or pursuit of bobcat (*Lynx rufus*) or bear (*Ursus americanus*) with dogs, pursuant to Sections 4810 and 3960.4 of the Fish and Game Code.

Indicate your preference for the Department to display your preferred contact information and amended Executive Summary on the Department's website. Yes No

4e. AMENDED WILDLIFE TAXONOMIC GROUPS

Select the wildlife taxonomic group(s) that will be targeted for activity(ies) during the course of the amended study or planned undertaking (subsection 4f(1a) below), and those that could be possible non-targeted (incidental) by-catch (subsection 4f(1b) below). The selected group(s) will determine which Department review program(s) the application will be routed to for review and approval.

Terrestrial Wildlife	Inland Fisheries	Marine
<input type="checkbox"/> Terrestrial and Vernal Pool Invertebrates* <input type="checkbox"/> Amphibians <input type="checkbox"/> Reptiles <input type="checkbox"/> Mammals <input type="checkbox"/> Birds	<input type="checkbox"/> Inland Aquatic Invertebrates <input type="checkbox"/> Inland Non-Anadromous Fish <input type="checkbox"/> Anadromous Fish (inland waters)	<input type="checkbox"/> Marine Fishes <input type="checkbox"/> Marine/Tidal Invertebrates <input type="checkbox"/> Marine Algae and Plants

*Terrestrial Invertebrates: Refer to Title 14, subsections 650(i)(2) and 650(u)(5), CCR. Specific Use permits are required for intentional (targeted) take and/or possession of terrestrial invertebrates covered on the California Terrestrial and Vernal Pool Invertebrates of Conservation Priority list [List](https://www.wildlife.ca.gov/Licensing/Scientific-Collecting) (dated June 12, 2017, pursuant to Title 14, subsection 650(a)(9), available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>).

4f. AMENDED REQUESTED ACTIVITIES

1) Wildlife Groups and Species:

a) Amended Targeted Wildlife

Click "Add New Record" below, select the proposed targeted species, or if requesting at a taxonomic level other than species, select the proposed lowest level(s) of taxonomic group(s) from the drop down lists. Provide the following information for each taxonomic level(s), or specific species requested.

Species or Taxonomic Level (Scientific Name) (e.g., Order, Family, Genus, etc.)	Species or Level (Common Name)	Status	Life Stage	Sex	Origin
<Dropdown List>	<Prepopulated via Species>	<Prepopulated via Species>	<Dropdown List>	<Dropdown List>	<Dropdown List>

<Add New Record>

b) Amended Non-Target Wildlife (Incidental By-catch):

Click "Add New Record" below, select the possible non-targeted (incidental by-catch) species; or if the species is unknown, select the proposed lowest level(s) of taxonomic group(s) from the drop down lists, and provide the following information.

- The quantities expected to be encountered during activities (if unknown, select "0" and explain under "Details" why it is unknown);
- Describe what measures will be employed to minimize incidental harm or death of all captured wildlife, including how you will avoid the incidental capture (by-catch) of non-target wildlife and special status species, and describe how you will minimize risk to wildlife during handling (e.g., personnel are trained in identification and supervision, discriminant capture methods, handling procedures and duration, etc.).

Species or Taxonomic Level (Scientific Name) (e.g., Order, Family, Genus, etc.)	Species or Level (Common Name)	Status	Quantities	Measures Minimizing Harm of Wildlife
<Dropdown List>	<Prepopulated via Species>	<Prepopulated via Species>	<Numeric>	<Text Box>

<Add New Record>

c) Review of Species Information



I acknowledge that I, and any other person named or covered in this application as an Authorized Individual, have reviewed, or will have reviewed, the Department's California Natural Diversity Database Quickview or other online tool, the California Endangered Species Act (CESA) Candidate, Endangered and Threatened species list, the Department's Special Animals List for Fully Protected species and California Species of Special Concern, and other sources of information for sensitive wildlife species prior to conducting planned activity(ies). I/we am/are aware certain sensitive species may be encountered in the area of my/our planned activities. If methods and locations authorized by this permit may result in take of CESA-listed, CESA-Candidate, or Fully Protected species, I will contact the appropriate review program about whether I/we need a Memorandum of Understanding (MOU), pursuant to Fish and Game Code Section 2081(a), and/or Title 14, Section 670.7, CCR.

2) Amended Take and/or Possession Activities:

Click "Add New Record" below, select the proposed take and/or possession activity from the drop down list and provide the following information per the requested specific species or taxonomic level(s). Additional Details may be provided to clarify and justify the requested Activity.

Activity	Disposition	Species or Taxonomic Level	Quantities	Details
<Dropdown List>	<Filtered Dropdown List>	<Filtered Dropdown List>	<Numeric>	<Text Box>

<Add New Record>

3) Amended Take Methods:

Click "Add New Record" below, select the proposed method(s) from the drop down list and provide details for each proposed method used to capture or otherwise take the requested specific species or taxonomic level(s), and include the following information:

- The sampling season start and end date;
- The frequency of sampling;
- The quantities by life stage/age and sex of wildlife to be taken and/or possessed by that method (if unknown, select "0" and explain under "Details" why it is unknown); and
- The specifics of the methodology under "Details."
 - o protocols to be followed, as well as type, size and details of equipment to be used (e.g., net mesh size, whether traps are baited or not, number of passes per sampling, etc.); and
 - o what measures will be employed to minimize incidental harm or death of wildlife, and describe how you will minimize risk to wildlife in deploying equipment, or during handling of target species or taxa (e.g., personnel are trained in identification and supervision, discriminant capture methods, handling procedures and duration, etc.).

Take Method	Species or Taxonomic Level	Sampling Season Start Date	Sampling Season End Date	Sampling Frequency	Quantities	Details
<Dropdown List>	<Filtered Dropdown List>	<Date Picker>	<Date Picker>	<Dropdown List>	<Numeric>	<Text Box>

<Add New Record >

4) Amended Procedures:

Will your proposed study require procedures to be performed on wildlife? Yes No

If yes, click "Add New Record" below, select the procedure from the drop down list, and provide the following information per the requested specific species, or taxonomic level(s):

- The quantities by life stage/age and sex of wildlife to undergo procedures or marking (if unknown, select "0" and explain under "Details" why it is unknown);
- The specifics of the procedure under "Details":
 - o protocols to be followed, as well as details (e.g., specific equipment, manner of conducting procedure, type of marking and placement on body, amount of sample collected, etc.); and
 - o what measures will be employed to minimize incidental harm or death of wildlife, and describe how you will minimize risk to wildlife's well-being during procedures or marking events.

Procedure	Species or Taxonomic Level	Quantities	Details
<Dropdown List>	<Filtered Dropdown List>	<Numeric>	<Text Box>

<Add New Record>

5) Amended Sacrifice of Wildlife:

Will your proposed study result in the death or removal of target or non-target wildlife from the wild? Yes No



If yes, click "Add New Record" below, and provide the following information per the requested specific species, or taxonomic level(s):

- The quantities by life stage/age, sex, and geographic area to be sacrificed (if unknown, select "0" and explain under "Details" why it is unknown);
- The specifics of the sacrifice under "Details":
 - Justify the maximum number of individuals that would be killed or removed from the wild;
 - Describe means for which wildlife is sacrificed or humanely euthanized; and
 - Describe your attempts to obtain the wildlife specimens currently held in captivity (e.g., museums, rehabilitation centers, other Permitholders), or produced in captivity. You shall demonstrate conclusively that existing specimens are unavailable, or your research objectives require new/additional specimens.

Taxonomic Level or Species	Quantities	Life Stage	Sex	Details
<Filtered Dropdown List>	<Numeric>	<Dropdown List>	<Dropdown List>	<Text Box>
<Add New Record>				

6) Amended Captivity of Wildlife:

a) Will live wildlife be removed from the wild and held alive in captivity ("ex situ"), or will live wildlife be transferred into possession and held in captivity? Yes No

If yes click "Add New Record," select the Captivity Type from the drop down list below, and provide the following information:

- Attach under Section 4f(10) any related documents pertaining to captivity and/or captive breeding activities (e.g., IACUC plans, feasibility analyses, grant conditions, etc.), or relevant environmental documents or plans (Section 5 of this application).
- The quantities by life stage/age, sex (if unknown, select "0" and explain under "Details" why it is unknown);
- For each species you plan on holding in captivity, provide specifics of the captivity setting under "Details."
 - Justify the maximum number of individuals that would be removed from the wild and/or held in captivity and geographic area(s) where wildlife are proposed to be removed from the wild;
 - The specific need and purpose of the proposed removal and/or captivity;
 - Location where individuals will be acquired from; and
 - The duration individuals will be held in captivity.

Terrestrial Wildlife Only:

- Consistent with Title 14, subsection 650(c), CCR, elements of conservation, biology, and/or ecology of California wildlife shall be included for education activities: describe the educational message that will be delivered and to what audience. Provide a detailed outline of your program, or attach brochures, or other materials prepared for distribution. Explain why live wildlife are necessary for the program, including how they will be used and displayed during the presentation to meet this need.
- Give a complete description of the holding area and/or holding facilities. Specify if individuals are held indoors or outdoors, climatic conditions, and accessibility to other wildlife, domestic animals, or to the public. Attach photographs or diagrams of enclosures with the length, width and height of each, description of interior and exterior construction materials, such as flooring and netting materials, and the species and number that are to be housed in each.
- Describe the diet for each species including the food source and how the diet will be administered. Describe how the animals will obtain fresh drinking or bathing water (specific devices/types to be used).
- Describe the transport containers for the animals, including dimensions (length, width, and height) and materials. Indicate the species and number that will be transported in each, and any methods to minimize harm or mortality from sustained vibration, temperature extremes, or elevation changes during transport.
- Describe all special elements (e.g., scratching posts, dust bath boxes, mineral licks), cover types for hiding, and any enriching elements/devices to be added to the cages to help animals relieve stress and move about and exercise.
- Attach details, protocols, or standard operating procedures that describe captive holding activities including biosecurity, disinfection and waste disposal, and animal health assessments.
- Describe all personnel responsible for providing day-to-day care for captive wildlife, and their qualifications to conduct such work.
- If individuals are to be held in permanent captivity, describe the quantities of individuals, and permanent holding facilities, if different from the temporary holding facilities for education or research programs.
- Describe how you will prevent successful reproduction from occurring. Captive breeding (see section below) of wildlife may only be authorized when specifically requested, and only as approved by the Department as part of a concerted conservation or recovery effort, and/or for justified scientific purposes. Captive breeding may occasionally be allowed for educational purposes when adequate justification is provided.

Captivity Type	Species	Quantities	Life Stage	Sex	Details
<Dropdown List>	<Filtered Dropdown List>	<Numeric>	<Dropdown List>	<Dropdown List>	<Text Box>
<Add New Record>					



Do you intend to sacrifice wildlife at the conclusion of the proposed study or program?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
---	------------------------------	-----------------------------

If yes, click "Add New Record" below, and provide the following information:

- The quantities of each species by life stage/age, sex (if unknown, select "0" and explain under "Details" why it is unknown) to be sacrificed; and
- The specifics of euthanasia methods and disposal, under "Details."

Species	Quantities	Life Stage	Sex	Details
<Filtered Dropdown List>	<Numeric>	<Dropdown List>	<Dropdown List>	<Text Box>

Do you intend to captive breed the requested wildlife?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
--	------------------------------	-----------------------------

If yes, click "Add New Record" below, and provide the following information:

- The quantities of each species by life stage/age, sex (if unknown, select "0" and explain under "Details" why it is unknown) to be captive bred; and
- For each species you plan on captive breeding, provide the specifics under "Details."
 - List any published references for successful captive breeding of the species;
 - Describe the number of offspring expected to be produced, and the intended disposition; and
 - Outline all persons, and their roles in the captive breeding activity.

Species	Quantities	Life Stage	Sex	Details
<Filtered Dropdown List>	<Numeric>	<Dropdown List>	<Dropdown List>	<Text Box>

Do you intend to release organisms (or their offspring) back into the wild, if captive bred, or for other reasons?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
--	------------------------------	-----------------------------

If yes, click "Add New Record" below, provide the following information:

- The quantities of each species by life stage/age and sex of wildlife to be released back into the wild (if unknown, select "0" and explain under "Details" why it is unknown);
- For each species you plan on releasing back to the wild, provide the following under "Details":
 - The location originally captured (if applicable), the location of the proposed release site, and location of holding facility;
 - Description of holding facility, and how long individuals will be held alive in captivity before being released into the wild, and describe why that time period was chosen;
 - Explain why it is in the best interest of the State and for the species, to return the organisms to the wild;
 - Describe how you will minimize risk of disease transmission during temporary captivity (i.e., including but not limited to, biosecurity measures, disinfection and cleaning procedures, waste disposal, health assessments); and
 - Explain the plan to minimize introduction of pathogens (virus, fungus, bacteria, and parasite) into the ecosystem or environment after release back into the wild.
 - Are the species proposed for release held in flow-through water or a closed system?
 - If individuals have been provided with food, please describe the food and whether it is being consumed?
 - What other species are held in the holding unit containing the species proposed for release? If there any non-native species held at the facility, address the following:
 - Provide details about what controls are in place to prevent cross contamination with non-natives.
 - Explain how staff and students are trained regarding the potential risks of non-native species introductions and facility holding practices.

Marine Only:

- Does any portion of the facility use flow-through seawater? If so, how is incoming water treated?

Terrestrial Wildlife Only:

- Attach additional protocols or standard operating procedures, if applicable, that describe release activities.
- Be advised, the Department may require written correspondence from qualified veterinary staff to verify the individuals have been examined and/or tested, as may be necessary and required by the Department, before transport and release is separately approved in writing.

Inland Fisheries Only:

- If fish are proposed to be moved to a different general location (finer scale), will you obtain approval from the Department's Fish Health Lab?

Species	Quantities	Life Stage	Sex	Details
<Filtered Dropdown List>	<Numeric>	<Dropdown List>	<Dropdown List>	<Text Box>

<Add New Record>

b) Will live wildlife be relocated, translocated, or reintroduced ("in situ")?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
--	------------------------------	-----------------------------



If yes, for each species intended to be retained or confined in a field setting, relocated, or translocated within the wild, or reintroduced from captivity, click "Add New Record" below, provide the following information per species requested to be relocated or translocated within the wild:

- Attach under Section 4f(10) any related documents pertaining to translocation activities, or relevant environmental documents or plans (Section 5 of this application).
- The quantities of each species by life stage/age and sex of wildlife to be retained or confined in a field setting, relocated, translocated within the wild, or reintroduced from captivity (if unknown, select "0" and explain under "Details" why it is unknown)
- The specifics of the relocation, reintroduction or translocation within the wild under "Details":
 - List the source counties and specific location(s) from which wildlife was, or is proposed to be taken, and the final release location(s);
 - Describe how organisms will be monitored after release back into the wild, and
 - Describe how you will minimize risk of disease transmission during temporary captivity, and relocation, reintroduction, or translocation efforts.

Terrestrial Wildlife Only:

- Be advised, the Department may require written correspondence from qualified veterinary staff to verify the individuals have been examined and/or tested, as may be necessary and required by the Department, before transport and release is separately approved in writing.

Species	Quantities	Life Stage	Sex	Details
<Filtered Dropdown List>	<Numeric>	<Dropdown List>	<Dropdown List>	<Text Box>
<Add New Record>				

7) Geographic Locations and Description:

For specific species or taxonomic level(s) and/or activity requested, click "Add New Record" below, and select the county(ies) or other geographic area(s) from the drop down list(s) in which you plan to conduct activity(ies) for the duration of the permit. To help expedite permit review, provide the specific location(s) of study area(s) of the proposed activities, when known. When specific county(ies) or other geographic areas are not known at the time of application, indicate if planned activities are statewide, or range-wide for a species (e.g., if planning to conduct surveys on a contract basis in the future, such as presence/absence surveys, county(ies) and/or specific locations may be provided later, and you may be required to submit an application for a Specific Amendment). For each specific location or study area, provide the following specifics, including justification, and the finest scale location description possible under "Details":

- If your request is for aquatic species, identify the aquatic system(s) and provide: the Hydrologic Unit Code (HUC 8 Watershed #), inland stream/ waterbody name (include begin and end river miles, when known), and/or other inland water (e.g., reservoir, lake names).
- Provide any identifying property designations (i.e., land ownership) and/or geographic coordinates (i.e., latitude, longitude, and datum) that will precisely place the location of the proposed activity site(s).
- If you propose to work in a Marine Protected Area (MPA), Marine Managed Area (MMA), Wildlife Area (WA) or Ecological Reserve (ER), provide the name and justify:
 - Why collection is required within an MPA, MMA, WA, or ER and provide justification for why it cannot be conducted outside of an MPA;
 - Why the proposed methods are appropriate for this activity; and
 - Describe the frequency of the proposed activity per sampling area.

Geographic Area	Species or Taxonomic Level	County	Land Ownership	Waters	MPA or other Managed Area	Habitats	Details
	<Filtered Dropdown List>	<Dropdown List>	<Dropdown List>	<Dropdown List>	<Dropdown List>	<Filtered Dropdown List>	<Text Box>

<Add New Record >

(Optional) If point or centroid of polygon (e.g., weir, mist-net location or sampling area) Click "Add New Record" below, enter the specific details, if known, for each specific location requested.

Latitude	Longitude	Datum (WGS 84, NAD 83 preferred)
		<Dropdown List>

<Add New Record>

8) Amended Disposition Location of Wildlife Specimens and/or Parts

For each Proposed Disposition Location, click "Add New Record" below, and enter the Name and address of the public, scientific or educational institution(s) to which all wildlife specimens and/or parts thereof will be transferred or deposited.

Location Type	Name	Street Address	City	State	Zip



<Dropdown List>				
-----------------	--	--	--	--

<Add New Record>				
------------------	--	--	--	--

9) Amended Role of Proposed Authorized Individuals

For each proposed Authorized Individual, click "Add New Record" below, select the SC ID of the Authorized Individual from the drop down list who will work independently on the permit. In the "Role Details" field, explain the role the individual will provide for the study or planned undertaking, including: species and/or taxonomic group(s), take and/or possession activities, methods, procedures and general locations the individual will be working in.

SC ID	First Name	Last Name	Role Details
<Filtered Dropdown List from Section 3c>	<Prepopulated via SC ID>	<Prepopulated via SC ID>	<Text Box>

<Add New Record>			
------------------	--	--	--

10) Attach Additional Supporting Documents

To attach additional supporting documents (e.g., copies of federal or other permits or applications for such permits, or study proposal in scientific format, literature cited, relevant protocols or other information requested in this application), click "Upload Attachment."

<Upload Attachment>			
---------------------	--	--	--



SECTION 5. OTHER PERMITS AND ENVIRONMENTAL DOCUMENTS

5a. FEDERAL PERMITS

Do you currently hold/ are named on, have applied for, or will apply for a federal permit pertinent to your requested activities?
 Select all that apply to this amendment, and attach copies of permits, or applications.

Yes
 No

<input type="checkbox"/> Federal Endangered Species Act 10(a)(1)(A) Native Endangered and Threatened Species Recovery Permit – U.S. Fish and Wildlife Service Permit No(s):	<input type="checkbox"/> Bird Banding Permit – U.S. Geological Survey Permit No(s):
<input type="checkbox"/> Federal Endangered Species Act 10(a)(1)(A) Scientific Research Permit – National Oceanic and Atmospheric Administration, Fisheries (NMFS) Permit No(s):	<input type="checkbox"/> Migratory Bird Permit – U.S. Fish and Wildlife Service Permit No(s):
<input type="checkbox"/> Federal Endangered Species Act 4(d) rule – Research Permit No(s):	<input type="checkbox"/> Other (e.g., National Parks Service, National Marine Sanctuaries, Bureau of Land Management, National Wildlife Refuge, etc.) Type and Permit No.(s):

5b. STATE PERMITS

Do you currently hold, or are named on, or have applied for, or will apply for a state permit pertinent to your requested activities?
 Select all that apply to this amendment, and attach copies of permits or applications.

Yes
 No

<input type="checkbox"/> California Endangered Species Act and/or Fully Protected Species Research MOU(s) – Department Permit or MOU Names or No.(s):	Common name(s) (<i>Scientific name</i>)
<input type="checkbox"/> Scientific Research and Collecting Permits – CA State Parks Permit No(s):	<input type="checkbox"/> Other (e.g., California Dept. of Food and Agriculture) Type and Permit No.(s):

5c. RELEVANT ENVIRONMENTAL DOCUMENTS

Are you proposing to conduct activities to meet requirements of an environmental plan or document, or to meet other environmental compliance required by law? Select all that may apply to this amendment, and provide the name and date of the document(s), if applicable.

Yes
 No

<input type="checkbox"/> Federal – Federal Endangered Species Act Section 7 Consultation, Biological Opinion	<input type="checkbox"/> Federal Hydropower Licensing (Federal Energy Regulatory Commission)
<input type="checkbox"/> Renewable Energy (i.e., wind, solar, etc.)	<input type="checkbox"/> California Environmental Quality Act
<input type="checkbox"/> National Environmental Policy Act	<input type="checkbox"/> Fish Restoration Grants Program
<input type="checkbox"/> Natural Community Conservation Plan	<input type="checkbox"/> Lake and Streambed Alteration Agreement
<input type="checkbox"/> Hatchery, or Department Fishery Management Plan	<input type="checkbox"/> Water Operations (U.S. Bureau of Reclamation, California Dept. of Water Resources, Interagency Ecological Program, etc.)

Other



SECTION 6. AMENDMENT CERTIFICATION

In signing this application, the applicant to serve as a Permitholder, or to serve as the Executive Signatory (for an Entity permit), and any requested Authorized Individuals agree to the following:

"I certify that the information submitted in this application is complete and accurate to the best of my knowledge and belief. I understand that if I fail to provide required information, my permit may be denied. I further certify I have read, understand, and agree to abide the applicable provisions of the Fish and Game Code, and Title 14, Section 650, CCR, and will abide by all the conditions and attachments of the issued permit. I certify that I am not currently under any Department of Fish and Wildlife license or permit revocation or suspension, and there are no other legal or administrative proceedings pending that may disqualify me from obtaining this permit or any amendments. I understand that any false statement herein may make this permit void and subject me to suspension or revocation of this permit pursuant to Title 14, Section 650, CCR, and to the criminal penalties set forth in Fish and Game Code Section 12002. I further understand I am responsible for ensuring all persons working under this permit will be adequately supervised, and comply with the requirements noted above."

APPLICANT SIGNATURE

DATE

X



INSTRUCTIONS FOR THE SPECIFIC USE AMENDMENT APPLICATION

Aside from reading these instructions, it is also important that you read Title 14, Section 650, California Code of Regulations (CCR), permit descriptions, and Standard Conditions for All Scientific Collecting Permits (SCPs) (form DFW 1379d), so that you have a thorough understanding of the requirements (available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>). Additional State and federal permits may be required, and your amendment application may be deemed incomplete if copies of these permits are not submitted with the SCP General Use Permit Application. **Complete applicable sections of this form for the amendment or change requested** (thus not all fields are required, unless applicable for your requested change(s)). This SCP Specific Amendment application is only used to **request changes to your existing SCP (refer to Title 14, subsection 650(l), CCR)**. A Specific Amendment may be requested for eligible changes listed on the Specific Use level amendment form. The amendment application will be reviewed by appropriate department review program(s) upon payment of the Specific Amendment fee and may be approved or denied at the department's discretion. **This amendment form will not extend the expiration or permit valid date(s) of your existing SCP.** When you need to renew your SCP, the Specific Use application form (DFW 1379 S) should be used.

COMPLETING THE APPLICATION

Pursuant to Title 14, subsection 650(e), CCR, amendment forms are available on the department's internet web site: www.wildlife.ca.gov. Applications to amend an existing permit are subject to the same application and review procedures as applications to apply for a permit. Amendment applications shall be submitted in an electronic format when available; no handwritten applications shall be accepted. Name(s) of all persons listed on the amendment application shall match those on government-issued identification. Failure to answer any questions fully, or failure to submit any required information, or the proper application fee, may delay the processing of your application, or result in denial of the application. **The Department will determine if an amendment application is complete within 40 calendar days** from the date the application fee clears payment. Once the application is determined to be complete, the Department will approve or deny the amendment application within 60 calendar days, notwithstanding certain pending permits that require notification to the public. Therefore, please allow a minimum of 12 weeks for processing an amendment application. Amendment applications are processed in the order received.

Section 1 – Amendment Request: Enter the Permit ID to amend.

Amendment Summary: Select the section(s) of the permit this amendment applies to. Eligible changes include the Executive Signatory exchanging a Principal Investigator on an Entity permit, the addition or exchange of Authorized Individuals on the permit's LAI, and the amendment of Specific Use Permit Information.

Section 2 – Permitholder Information (not amendable, but administrative updates may be made online).

Section 3 – Qualifications and Proposed List of Authorized Individuals

3a Required Qualifications – Prepare and submit required qualifications for all persons requesting to be named on the List of Authorized Individuals (Not applicable for applicants as Student Permitholders). Attach Statements of Qualifications, and Resumes or *curriculum vitae*.

3b Principal Investigator – Fill in the information for the Principal Investigator (Entity and Individual permits only). Complete the required information for the person proposed to work as the Principal Investigator (PI) for an Entity permit. If the Executive Signatory is not the same person applying as the Principal Investigator (PI) from Section 2a of the original permit, complete the required information below, including Required Qualifications from Section 3a of this application. Attach the Required Qualifications. The PI is responsible for providing adequate supervision and training of all Authorized Individuals named or covered on the List of Authorized Individuals (LAI).

3c List of Authorized Individuals – Fill in all information for up to eight (8) persons, aside from the PI, maybe be requested to be named on the LAI, included with the original permit fees (refer to Title 14, subsection 650(j), CCR) and see Section 3d. To add additional Authorized Individual(s), a Specific Amendment fee applies. Complete the required information for each person proposed to work independently under the Principal Investigator (PI). Attach the Required Qualifications for each proposed Authorized Individual. If no persons are requested to be added to work as Authorized Individuals, skip to Section 4.

3d Additional Authorized Individuals Justification – Eight (8) Authorized Individuals are included in the permit fees; if additional Authorized Individuals are requested during amendment, then a Specific Amendment fee will be assessed as specified in Title 14, subsections 650(l) and 703(c), CCR. Justify why the proposed activities would need more than eight Authorized Individuals approved with your original permit. *Provide the same required information in Section 3c if more than eight persons are requested as Authorized Individuals.*

3e Related Permits – Are there any collaborators, or other persons or entities (e.g., Permitholders, and/or Principal Investigators or Authorized Individuals not listed) with permits related to the work planned in this permit or amendment? If yes, provide information for each.



Section 4 – Specific Use Permit Information Describe details of all of your requested amended activities in this section. Attach additional documents if necessary. For Section 4, provide all details to answer each question in the following fields. You may provide an attached study proposal or additional information in subsection 4f(10), but all information entered into each field in subsections 4a-4f shall contain sufficient detail to be able to stand-alone for the evaluation of the application.

4a Purpose of Permit For subsection 4a, check the applicable purpose(s) and permit use subcategory(ies) below for this permit per Title 14, subsection 650(c), CCR. For “other” - specify in blank below any other activity that does not clearly fit into one of these categories.

4b Amended Study Information

- 1) **Permit Scope, Goals, and Objectives.** Explain how this amendment maintains the fundamental scope of the permitted study or planned undertaking. Explain the requested changes in the following sections relate the purpose(s) of your study or planned undertaking to any research questions and/or hypotheses, goal(s) and objective(s) designed to carry out all requested activity(ies).
- 2) **Permit Need or Benefit.** Justify the need and/or benefit of the proposed take of wildlife and activities for science, education, and/or propagation.
- 3) **Study or Planned Undertaking Timeframe:** Provide any changes to the approximate timeframe for the permitted study or period of planned undertaking, even if it extends beyond the duration of this permit (three years for Entity and Individual Permitholders; one year for Student Permitholders) including all activities, and field and lab work.

4c Amended Background and Past Findings (complete each question, as applicable)

- 1) Identify pertinent background information, including survey protocols and a literature cited section, which supports the amended study, activity(ies), or planned undertaking, or provide copies of any reports or publications from previous or similar research or activities conducted on the requested wildlife. When applicable, explain how the research will address questions not answered by earlier research. If not applicable, state “not applicable.”
- 2) Describe how any past findings have contributed to the body of knowledge on the subject and how they relate to your proposed goals and objectives, if applicable. If not applicable, state “not applicable.”
- 3) Explain how your proposed activities relate to a larger series of projects or research plans (explain from Section 3e of this application), if applicable.
- 4) If there is an existing conservation strategy or management plan that relates to your proposed activities (e.g., USFWS recovery plans, California Species of Special Concern manuscripts), identify conservation actions, recovery tasks, research needs and/or monitoring recommendations, if applicable. Be sure to explain any permits or environmental documents listed in Section 5 of this application. If not applicable, state “not applicable.”

4d. Amended Executive Summary

- 1) **Title.** If applicable, provide an amended title for the study or planned undertaking that accurately represents the full scope of the proposed activity(ies) for the permit duration period. The title should identify the purpose, targeted wildlife taxonomic group(s) or species, and general location(s).
- 2) **Abstract:** Provide a summary of the amended study or planned undertaking that includes the main goals and objectives or research question(s), species or taxonomic group(s), take and analysis methods, and general locations. Additional information, e.g. past findings, benefit or need, or relevant conservation or environmental documents may be provided, but is not required.
- 3) **Public Information Release:** Issued SCPs are public records, pursuant to Title 14, subsection 650(k), CCR, and through the Public Records Act. However, the Department requests Permitholders make their preferred contact information, and Executive Summary (Title and Abstract) available to interested parties to facilitate research communication and collaboration. (Release is mandatory for applications requiring public notice: request of mountain lion, or pursuit of bobcat (*Lynx rufus*) or bear (*Ursus americanus*) with dogs, pursuant to Sections 4810 and 3960.4 of the Fish and Game Code).

4e. Amended Wildlife Taxonomic Groups and Review Programs

Select the wildlife taxonomic group(s) that will be targeted for activity(ies) during the course of the amended study or planned undertaking-(subsection 4f(1a)), and that could be possible non-targeted (incidental by-catch) (subsection 4f(1b)). The selected group(s) will determine which Department review program(s) the application will be routed to for review and approval.

4f. Amended Requested Take Activities

- 1) **Wildlife Groups and Species:**



- a. **Amended Targeted Species:** Select the proposed targeted species, or if requesting at a taxonomic level other than species, select the proposed lowest level(s) of taxonomic group(s) from the drop down lists. Complete the required information for each requested species, and/or taxonomic level(s).
 - b. **Amended Non-Targeted Species (Incidental By-catch):** Select the possible non-targeted (incidental by-catch) species; or if the species is unknown, select the proposed lowest level(s) of taxonomic group(s) from the drop down lists, and identify the estimated quantities expected to encounter during activities. Describe what measures will be employed to minimize incidental harm or death of all captured wildlife.
 - c. **Review of Species Information:** Check the box to acknowledge that you have reviewed, or will have reviewed, the Department's California Natural Diversity Database Quickview or other online tool, the California Endangered Species Act (CESA) Candidate, Endangered and Threatened species list, the Department's Special Animals List for Fully Protected species and California Species of Special Concern, and other sources of information for sensitive wildlife species.
- 2) **Amended Take and/or Possession Activities:** Select the proposed take and/or possession activity from the drop down list and provide the required information per the requested specific species or taxonomic level(s). Additional Details may be provided to clarify and justify the requested Activity.
 - 3) **Amended Take Methods:** Select the proposed method(s) from the drop down list and provide details for each proposed method used to capture or otherwise take the requested specific species or taxonomic level(s), and include all required information.
 - 4) **Amended Procedures:** Select the procedure from the drop down list, and provide the required information per the requested specific species, or taxonomic level(s).
 - 5) **Amended Sacrifice of Wildlife:** If your proposed study will result in the death or removal of target or non-target wildlife from the wild, select the species from the drop down list, and provide the following information per the requested specific species, or taxonomic level(s).
 - 6) **Amended Captivity of Wildlife:** If live wildlife be removed from the wild and/or held alive in captivity, select the Captivity Type from the drop down list, and select the species from the drop down list and provide all the required information. Several questions follow that may only be applicable to wildlife taxonomic groups or species that fall under the review of one review program.
 - a. **Will live wildlife be removed from the wild and held alive in captivity ("ex situ"), or will wildlife be transferred into possession?** Answers to the following questions are required: Do you intend to sacrifice wildlife at the conclusion of the proposed study or program? Do you intend to captive breed the requested wildlife? Do you intend to release animals (or their offspring) back into the wild, if captively bred, or for other reasons?
 - b. **Will live wildlife be relocated, reintroduced, or translocated ("in situ")?** For each species intended to be relocated, reintroduced, or translocated within the wild, provide the required information per species requested to be relocated or translocated within the wild.
 - 7) **Amended Geographic Location and Description:** For specific species or taxonomic level(s) and/or activity requested select the county(ies) or other geographic area(s) from the drop down list(s) in which you plan to conduct activity(ies) for the duration of the permit. To help expedite permit review, provide the specific location(s) of study area(s) of the proposed activities, when known. When specific county(ies) or other geographic areas are not known at the time of application, indicate if planned activities are statewide, or range-wide for a species (e.g., if planning to conduct surveys on a contract basis in the future, such as presence/absence surveys, county(ies) and/or specific locations may be provided later, and you may be required to submit an application for a Specific Amendment). For each specific location or study area, provide the following specifics, including justification, and the finest scale location description possible under "Details"
 - 8) **Amended Disposition Location of Wildlife Specimens, and/or Parts:** For each Proposed Disposition Location, click "Add New Record" below, and enter the Name and address of the public, scientific or educational institution(s) to which all wildlife specimens and/or parts thereof will be transferred or deposited. Several questions follow that may only be applicable to wildlife taxonomic groups or species that fall under the review of one review program.
 - 9) **Amended Role of Proposed Authorized Individuals:** For each proposed Authorized Individual, click "Add New Record" below, select the SC ID of the Authorized Individual from the drop down list who will work independently on the permit. In the "Role Details" field, explain the role the individual will provide for the study or planned undertaking, including: species and/or taxonomic group(s), take and/or possession activities, methods, procedures and general locations the individual will be working in.
 - 10) **Attach Additional Supporting Documents:** To attach additional supporting documents (e.g., copies of Federal or other permits or applications for such permits, or study proposal in scientific format, literature cited, relevant protocols or other information requested in this application), click "Upload Attachment."



Section 5 – Other Permits and Environmental Documents Provide a complete copy of current federal and State permit(s), or applications for such permits that apply to this amendment application, and any other written State authorizations, such as a current MOU, if applicable.

Section 6 – Amendment Certification Verify all fields are complete and required documents are attached, sign (electronically) and date.

REPORTING REQUIREMENTS

The Mandatory Wildlife Report (form DFW 1379a), or “Report” is required for every General and Specific Use level permit. Each permit may have slightly different timeframes for frequency of submission of the Report, so check permit Authorizations and/or conditions for details on submission frequency and timing. The report form is available with separate instructions at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting> in a fill and save format. Upon completion of the electronic report, send it to the correct contact listed in your permit conditions. If no contact is specified in your permit conditions, send the report to SCPPermits@wildlife.ca.gov. Any other report format required pursuant to Title 14, subsection 650(p)(2), and specified in the conditions of your SCP shall also be submitted by the specified timeframes. See also Standard Conditions for all Scientific Collecting Permits (form DFW 1379d), Standard Conditions G and I for more reporting guidance.

PAYMENT POLICY

The Department accepts cashier’s checks, money orders, personal or business checks,* or credit cards.** If a receipt for payment is needed before the amendment is issued, please notify the Department when the application form is submitted. The amendment fee is non-refundable for all permit categories and types - refer to Title 14, subsection 703(c), CCR for details. Amendment fees shall be submitted with the amendment application, or the Department may refuse to issue the amendment, and may change the approval into a denial.

***Personal or business checks** will be accepted by the Department if a name and address are imprinted on the check. A check returned to the Department due to insufficient funds will render your permit invalid. Make checks payable to the Department of Fish and Wildlife.

****Credit Cards** – Licenses, permits, tags, stamps, or registrations may be purchased with a Visa or MasterCard by completing a Credit Card Authorization Form (DFW 1443). The form is available at <https://www.wildlife.ca.gov/Licensing/Scientific-Collecting>.

Cash can no longer be accepted at Department offices as of January 1, 2017.

NOTICE

Disclosure Statement - Under Section 650, Title 14, of the CCR, the Department is authorized to collect information from applicants to maintain a record of licensure. Under Fish and Game Code Section 391, personal information submitted on this application may be released for law enforcement purposes, pursuant to court order, or for official natural resources management purposes, or as may otherwise be required under the California Public Records Act. Issued SCPs are public records, and their related applications may be subject to public disclosure under the California Public Records Act, or other applicable law. People with concerns about records being released to the public should contact CDFW before submitting an application.

A licensee or Permitholder may obtain a copy of his/her license records maintained by the Department by submitting a written request to the Custodian of Records, Department of Fish and Wildlife, License and Revenue Branch, 1740 N. Market Blvd., Sacramento, CA 95834 or lrb@wildlife.ca.gov. All requests shall include the requestor’s name, address, and telephone number.