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. PERM	IIT REQUEST									
Type of Applicatio	n: (select one)									
□ New	□ New □ Renewal With Changes □ Renewal Without Changes Permit ID to Renew									
following the expirat	tion of the permit, rmit (refer to Title sting permit, and	upon submi 14, subsect may result ir	tting a renewal ion 650(p), CCF n denial of subs	application, whic R for reporting re- equent application	hever come quirements) ons by that F	s first, or as . Failure to Permitholde	required by the Assubmit required record rec	eports shall result in		
Application and Po	· · · ·			,						
Fees exclude a no item (Section 700.		percent (3%	%) application fe	ee, not to exceed	\$7.50 per	Individua	l or Entity (3 yea	r) Student (1 year)		
Application Fee (nonrefundable an	d submitted	with application	1)			\$71.62	\$25.00		
Permit Fee (submapproved permit)	it at time of applic	ation – refui	ndable if denied	l, or submit when	notified of		\$269.08	\$50.00		
SECTION 2. PERM	MITHOLDER INFO	ORMATION								
Permitholder Type	e: Pursuant to Title	e 14, subsec	ction 650(f), sele	ect the type of Pe	ermitholder :	you are app	lying as:			
☐ ENTITY		r responsible	e party for the p	ermit, and who d	lesignates a	Principal In	vestigator. The E	tive Signatory is the Executive Signatory		
	Complete Sectio Permitholder and			le Individual. A բ	person appl	ying for an I	ndividual permit s	shall serve as both the		
☐ STUDENT	Complete Sectio	n 2c if apply	ving as an eligib	le Student (stude	ents may als	so apply for	Individual and/or	Entity permits).		
Permitholder Affil	iation: Select one	or more ca	tegories or type	(s):						
Academic/ Non-Pr	rofit	Governme	nt	Business		Independ	ent	Other (describe below)		
University of Ca University – Ca University – Private/ Out of K-12 Education Junior/ City Col Aquarium or Zo 501(c)3 Non-pro Research/ Cons Education (501) Academic/ Non	I State State lege o ofit) servation/ c)3 Non-profit)	☐ Native☐ State A☐ Munici☐ Non-m	al Agency American Tribe Agency pal unicipal Utility nment –Other	Environm Consultin Business Forest Mana Business Biomedic Pharmac Business	ng - Timber/ gement - cal/ eutical	Cons	onmental ulting arch eendent – Other			
2a. ENTITY				•						
NAME OF ENTITY (C	RGANIZATION, AF	FILIATION, C	OR PARTNERSHI	IP)			GO ID NUMBER (FROM ALDS)		
ENTITY MAILING AD	DRESS						ENTITY ID (if appl	icable)		
CITY					STA	TE	ZIP CODE			
PREFERRED TELEP	HONE		ALT	TERNATE TELEPH	HONE		1			
Entity Executive S		the Executi			Principal In	vestigator, o				
,	FIRST NAME		M.I. L	AST NAME			GO ID (FROM ALI	DS)		
TITLE /POSITION				E-MAIL ADDRE	ESS					

PREFERRED TELEPHONE ALT	TERNATE 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 ALI	OS)
GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE)	STATE, COUNTRY, OR TRIBE OF ID ID NUMBER	
☐ U.S. STATE ID ☐ PASSPORT ☐ TRIBAL MEMBEF	R	
E-MAIL ADDRESS	DOB (MM/DD/YEAR)	
PREFERRED TELEPHONE	ALTERNATE TELEPHONE	
PREFERRED MAILING ADDRESS		
CITY	STATE ZIP CODE	
Individual Affiliations (if applicable)		
Individual Affiliation: (if applicable) AFFILIATION'S NAME		
AFFILIATION'S ADDRESS		
CITY	STATE ZIP CO	DDE
Individual Qualifications and References (Refer to requirements in Section 2)	ction 3a of this application, and Title 14, subsection 650(h) CCR):	
STATEMENT OF QUALIFICATIONS ATTACHED	☐ RESUME OR CURRICULUM VITAE ATTACHED	
FIRST NAME	M.I. LAST NAME	
☐ REFERENCE 1:		
TITLE /POSITION	E-MAIL ADDRESS	
PREFERRED TELEPHONE	ALTERNATE TELEPHONE	
AFFILIATION'S NAME (if applicable)		
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	AME GO ID (FROM ALDS)	
	,	
	ATE,COUNTRY, OR TRIBE OF ID ID NUMBER	
☐ U.S. STATE ID ☐ PASSPORT ☐ TRIBAL MEMBER ☐ E-MAIL ADDRESS	DOB (MM/DD/YEAR)	
E WAIL ADDITEOU	POD (MINIDO/TEAR)	
PREFERRED TELEPHONE ALT	ERNATE TELEPHONE	
STUDENT PREFERRED MAILING ADDRESS		

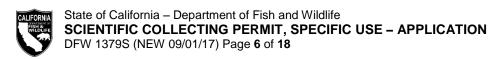
CITY				STATE	ZIP COD	E
Student Affiliation:						
	EPARTMENT AN	ND RES	SEARCH GROUP		D	EGREE PURSUED (e.g., B.S.)
AFFILIATION'S ADDRESS						
CITY				STATE	ZIP COD	E
Student Qualifications (Refer to requirements in	Section 3a of this	applic	ation. and Title 14.	l subsection 650(h) C	L	
STATEMENT OF QUALIFICATIONS ATTAC				E OR CURRICULI		- ATTACHED
Student Sponsorship: One faculty member sl		of of s				
SPONSOR FIRST NAME M.I.	LAST NA			у стадотт — соттра		
UNIVERSITY/ ACADEMIC INSTITUTION		DI	EPARTMENT AND	RESEARCH GROU	Р	
TITLE /POSITION		E-	MAIL ADDRESS			
PREFERRED TELEPHONE		AL	TERNATE TELEP	HONE		
SPONSOR MAILING ADDRESS		ı				
CITY				STATE	ZIP COD	E
LETTER OF SPONSORSHIP ATTACHED (Refer to Title, s	subsec	tion 650(h)(4) C0	CR for the responsi	ibilities of	a Sponsor).
SECTION 3. QUALIFICATIONS AND PROPOS	SED LIST OF A	UTHC	RIZED INDIVID	UALS		
3a. Required Qualifications						
The following information is required for all pers of the permitted activities, or be named on the p	-			•	-	
1. Statement of Qualifications (SOQ): A state similar wildlife. The statement of qualification the approximate number of hours conducting wildlife taxonomic group, or similar wildlife tax training, any relevant survey, or hands-on tra 650(b)(19) are met;	ns shall include a the proposed a kon, locations ar	approx activitie nd dat	ximate number of es, capture metho es experience wa	f hours of focused ods, and procedure as obtained, and the	activity in es for each ne name(s	occupied habitat, as well as h requested wildlife species, s) of persons who provided
2. Resume or curriculum vitae: A resume or of including a list of any relevant publications; a		that d	escribes the edu	cational backgroun	d and wil	dlife-related experience,
3. References: Except for Student Permitholde Permitholders or experts) who can verify the possession of mountain lion (<i>Puma concolor</i>) Section 4810 of the Fish and Game Code.	applicant's expe	erience	e with requested	wildlife. For new a	applicants	requesting take and/or
3b. Principal Investigator (PI)			-			NTITY PERMITHOLDERS)
The PI is responsible for providing adequate su Title 14, subsection 650(f), CCR. If the Executi of this application, complete the required inform	ve Signatory is r	not the	e same person a _l	pplying as the Prin	cipal Inve	stigator (PI) from Section 2a
SC ID FIRST NAME		T NAM	: <u> </u>			DOB (MM/DD/YEAR)
GOVERNMENT-ISSUED IDENTIFICATION (SELEC	ΓONE)		STATE, COUNTRY	, OR TRIBE OF ID		ID NUMBER
	RIBAL MEMBER					
TITLE /POSITION		Ī	E-MAIL ADDRESS			
PREFERRED TELEPHONE			ALTERNATE TELE	EPHONE		

PI PREFERRED MAILING ADDRESS (FOR SCP CORRESPONDENCE)						
CITY			STATE		ZIP COD	DE
AFFILIATION'S NAME (if applicable)						
AFFILIATION'S ADDRESS						
CITY			STATE		ZIP COI	DE
STATEMENT OF QUALIFICATIONS ATTACHED			OR CU	RRICULUM V	TAE AT	TACHED
REFERENCE 1:			M.I.	LAST NAME		
TITLE /POSITION	E-MA	AIL ADDRESS				
PREFERRED TELEPHONE	ALTE	ERNATE TELE	PHONE			
AFFILIATION'S NAME (if applicable)						
(approas)						
REFERENCE 2: FIRST NAME			M.I.	LAST NAME		
TITLE /POSITION	E-MA	AIL ADDRESS		1		
PREFERRED TELEPHONE	ALTE	ERNATE TELE	PHONE			
AFFILIATION'S NAME (if applicable)						
3c. PROPOSED LIST OF AUTHORIZED INDIVIDUALS (LAI)		(NC	T APPL	ICABLE FOR	STUDEN	NT PERMITHOLDERS)
Complete the required information below for each person propose Investigator (PI). Up to eight (8) Authorized Individuals, aside from		•	•	•	.oc	Total No. Authorized Individuals requested:
(refer to Title 14, subsection 650(j), CCR) and see Section 3d, bel						III lui viuuais Teuuesieu.
proposed Authorized Individual (refer to Section 3a of this applica		ach the Requi	red Qual	lifications for e	ach	1
Authorized Individuals, skip to Section 4.	ition). If	•				4
Authorized Individuals, skip to Section 4.	tion). If	no persons a			3	M/DD/YEAR)
Authorized Individuals, skip to Section 4.	T NAME	no persons a	ire reque	sted to work a	3	M/DD/YEAR)
Authorized Individuals, skip to Section 4. SC ID FIRST NAME M.I. LAS GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE) U.S. STATE ID PASSPORT TRIBAL MEMBER	ST NAME	E, COUNTRY C	ore reque	sted to work a	DOB (MI	M/DD/YEAR)
Authorized Individuals, skip to Section 4. SC ID FIRST NAME M.I. LAS GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE) U.S. STATE ID PASSPORT TRIBAL MEMBER E-MAIL ADDRESS	ST NAME	no persons a	ore reque	sted to work a	DOB (MI	M/DD/YEAR)
Authorized Individuals, skip to Section 4. SC ID FIRST NAME M.I. LAS GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE) U.S. STATE ID PASSPORT TRIBAL MEMBER	ST NAME	E, COUNTRY C	ore reque	sted to work a	DOB (MI	M/DD/YEAR)
Authorized Individuals, skip to Section 4. SC ID FIRST NAME M.I. LAS GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE) U.S. STATE ID PASSPORT TRIBAL MEMBER E-MAIL ADDRESS AFFILIATION'S NAME (if applicable) STATEMENT OF QUALIFICATIONS ATTACHED	ST NAME	E, COUNTRY (DR TRIBE	Sted to work as	DOB (MI	M/DD/YEAR) BER
Authorized Individuals, skip to Section 4. SC ID FIRST NAME M.I. LAS GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE) U.S. STATE ID PASSPORT TRIBAL MEMBER E-MAIL ADDRESS AFFILIATION'S NAME (if applicable)	ST NAME	E, COUNTRY (OR TRIBE	OF ID	DOB (MI	M/DD/YEAR) BER
Authorized Individuals, skip to Section 4. SC ID FIRST NAME M.I. LAS GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE) U.S. STATE ID PASSPORT TRIBAL MEMBER E-MAIL ADDRESS AFFILIATION'S NAME (if applicable) STATEMENT OF QUALIFICATIONS ATTACHED FIRST NAME	STATI	E, COUNTRY (DR TRIBE	Sted to work as	DOB (MI	M/DD/YEAR) BER
Authorized Individuals, skip to Section 4. SC ID FIRST NAME M.I. LAS GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE) U.S. STATE ID PASSPORT TRIBAL MEMBER E-MAIL ADDRESS AFFILIATION'S NAME (if applicable) STATEMENT OF QUALIFICATIONS ATTACHED REFERENCE 1: FIRST NAME	STATI PREFI	E, COUNTRY C	OR TRIBE	Sted to work as	DOB (MI	M/DD/YEAR) BER
Authorized Individuals, skip to Section 4. SC ID FIRST NAME M.I. LAS GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE) U.S. STATE ID PASSPORT TRIBAL MEMBER E-MAIL ADDRESS AFFILIATION'S NAME (if applicable) STATEMENT OF QUALIFICATIONS ATTACHED REFERENCE 1: TITLE /POSITION	STATI PREFI	E, COUNTRY CERRED TELEF	OR TRIBE	Sted to work as	DOB (MI	M/DD/YEAR) BER
Authorized Individuals, skip to Section 4. SC ID FIRST NAME M.I. LAS GOVERNMENT-ISSUED IDENTIFICATION (SELECT ONE) U.S. STATE ID PASSPORT TRIBAL MEMBER E-MAIL ADDRESS AFFILIATION'S NAME (if applicable) STATEMENT OF QUALIFICATIONS ATTACHED REFERENCE 1: TITLE /POSITION PREFERRED TELEPHONE	STATI PREFI	E, COUNTRY CERRED TELEF	OR TRIBE	Sted to work as	DOB (MI	M/DD/YEAR) BER

PREFERRED TELEPHO	DNE		•	ALTERNATE TELEPHOI	NE		
AFFILIATION'S NAME	(if applicable)						
<add new="" record=""></add>	Select to provide	e the same	required information	on for each person req	uested as an Authorize	ed Individual	
3d. ADDITIONAL AU	JTHORIZED IND	IVIDUALS	JUSTIFICATION				
Eight (8) Authorized fee will be assessed why the proposed ac	Individuals are in as specified in Totivities would ne	ncluded in t itle 14, sub ed more th	the permit fees; if a psections 650(I) and an eight (8) Author	d 70(c), CCR, in addition	dividuals are required, on to the permit fees. F "Add New Record" abo prized Individuals.	Provide justifica	ation below of
3e. RELATED PERM	IITS						
		olders and	Vor Principal Invest	igators or Authorized I	ndividuals not listed	I _	_
•	,	•	•	f yes, provide their nar		│	□ No
FIRST NAME	LAST NAME		SC ID	AFFILIATION NAME		PERMIT ID	
<add new="" record=""></add>	•			1			
SECTION 4. SPECIF	IC USE PERMIT	INFORMA	TION				
4a. PURPOSE OF PE	ERMIT						
information in subse stand-alone for the e For subsection 4a, c	ction 4f(10), but a evaluation of the a heck the applical	all informat application ole purpose	ion entered into ea e(s) and permit use	ch field in subsections subcategory(ies) belo	y provide an attached and attached state of this permit per The of these categories.	fficient detail to	be able to
Science	Decity in blank be	Educ		es not clearly in into or	☐ Propagation		
Research			ire and release and	d/ or display of	☐ Wild (<i>in situ</i>) – re	location reintre	oduction or
☐ Survey/ Inventor	,	-	the field (e.g., tide		translocation	iocation, remit	Judelion of
	y		eld demonstrations		☐ Captive (<i>ex situ</i>)		
☐ Monitoring				e or non-releasable	☐ Short-distance m	ovement - out	of harm's way
☐ Museum Collecti		wildlife in	•		other (specify – e		-
☐ other (specify– e restoration, etc.)	.g.,	☐ other	ay of dead salvaged – (specify – e.g., b museum collection,	iological collection	species to enhance s species, etc.)	-	
<other -="" field:<="" td="" text=""><td>></td><td></td><td>Text Field></td><td>0.0.)</td><td><other -="" field="" text=""></other></td><td>•</td><th></th></other>	>		Text Field>	0.0.)	<other -="" field="" text=""></other>	•	
4b. PERMIT INFORM							
		ctives. Ex	xplain in detail the f	undamental scope of t	the proposed study or p	planned undert	aking for the
hypotheses, goa studies and/or a of the species, i	al(s) and objectiv activities sharing a nvasiveness of m	e(s) desigr a fundame nethods, pr	ned to carry out all intal scope with uniforcedures and local	requested activity(ies). ying goals, and depen tions proposed, may b	ertaking to any researd A planned undertaking ding on the taxonomic e grouped under a sing e locations). Refer to T	g may consist of groups, consegle permit (e.g.	of multiple rvation status ,
- I GAL DUAZ							
= -	_		and/or benefit of the n 650(c), as follows		dlife and activities for s	cience, educat	ion, and/or

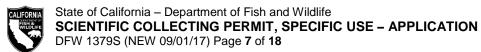
Scientific purpose: include the significance of the research, questions or hypotheses seeking to be addressed, and/or how your research would directly benefit the species or fulfil an important research, management, or other need. Pursuant to subsection 650(b)(23), research includes, but is not limited 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.

	auginomation, ana, or	onono to promoto mamtonan	ice of biologically cuctamable populations.			
<te< th=""><th>ext Box></th><th></th><th></th><th></th><th></th><th></th></te<>	ext Box>					
3)	Study or Planned Under	taking Timeframe: Indicate	the timeframe for the entire study or period of pla	nned unde	ertaking ever	n if it
٠,			for Entity and Individual Permitholders; one year			
	including all activities, and					,
	Estimated Start Date:	<date picker=""></date>	Estimated End Date:	<date< th=""><th>Picker></th><th></th></date<>	Picker>	
4c. I	BACKGROUND AND PAST	Γ FINDINGS				
1)	Identify pertinent backgrou	und information, including sur	vey protocols and a literature cited section, which	supports	the proposed	d study.
-,			of any reports or publications from previous or sir			•
			explain how the research will address questions i			
	research. If not applicable	, state "not applicable."				
<te< th=""><th>ext Box></th><th></th><th></th><th></th><th></th><th></th></te<>	ext Box>					
2)			body of knowledge on the subject and how they r	elate to you	ur proposed	goals
∠T/	ext Box>	ie (required for permit renewa	als). If not applicable, state "not applicable."			
<10	KI BUX>					
3)	Explain how your propose	d activities relate to a larger s	series of projects or research plans (explain from	subsection	a 3e of this	
	application), if applicable.	If not applicable, state "not ap				
<te< th=""><th>ext Box></th><th></th><th></th><th></th><th></th><th></th></te<>	ext Box>					
4)	If there is an existing cons	ervation strategy or manager	ment plan that relates to your proposed activities	(e.g., USF	WS recovery	plans,
		-	partment Fishery Management Plan), identify cor			-
		-	ions, if applicable. Be sure to explain any permits	s or enviro	nmental docu	uments
_		is application. If not applicable	e, state "not applicable."			
<16	ext Box>					
4d. l	EXECUTIVE SUMMARY					
1)		or the study or planned under	rtaking that accurately represents the full scope of	of the propo	osed activity(ies) for
•			purpose, targeted wildlife taxonomic group(s) or s			
<te< th=""><th>ct Box></th><th></th><th></th><th></th><th></th><th></th></te<>	ct Box>					
2)			undertaking that includes the main goals and obje		-	
		• • • •	ods, and general locations. Additional information ay be provided, but is not required.	n, e.g. pasi	t findings, be	netit or
<u>-Το</u>	t Box>	lental documents of plans me	ay be provided, but is not required.			
\16	(L DOX)					
3)		·	records, pursuant to Title 14, subsection 650(k),		-	
			itholders make their preferred contact information	, and Exec	Julive Summ	ary (Title
No			research communication and collaboration. c notice: request of mountain lion, or pursuit of bo	hcat (Lypy	rufus) or he	ar (<i>Hr</i> eue
			0.4 of the Fish and Game Code.	Doat (Lyllx	raids) of De	ui (UISUS
			preferred contact information and Executive Sum	ımarv		
	the Department's website.	in a contract and and in a few of		,	☐ Yes	∐ No
	· · · · · · · · · · · · · · · · · · ·	ROUPS AND REVIEW PROC	GRAMS			



Select the wildlife taxo	nomic group(s	s) that will b	e targeted for acti	vity(ies) durin	g the co	urse of the	propose	d study or planned	d undertaking
(subsection 4f(1a) belongroup(s) will determine	ow), and those	that could	be possible non-t	argeted (incide	ental) by	y-catch (su	bsection	4f(1b) below). The	e selected
Terrestrial Wildlif		ineni revie	Inland Fis		i be iou	ited to for f	Marine		
☐ Terrestrial and	Vernal Pool		☐ Inland	Aquatic Inver	tebrates	5	☐ Marine Fishes		
Invertebrates*			☐ Inland	Non-Anadron	nous Fis	sh	□м	arine/Tidal Inverte	brates
☐ Amphibians			☐ Anadr	omous Fish (ii	nland wa	aters)	□м	arine Algae and P	lants
☐ Reptiles				`		,		J	
☐ Mammals									
☐ Birds									
*Terrestrial Invertebrate (targeted) take and/or p						-	-	· ·	
Conservation Priority lis									25 OI
4f. REQUESTED ACTI		<u> </u>						<u> </u>	
1) Wildlife Groups an	d Species:								
a) Targeted Wildlife	e								
Click "Add New Record proposed lowest level(staxonomic level(s).									
Species or Taxonomic (Scientific Name) (e.g., Family, Genus, etc.)		Species (Commo		Status		Life Stage)	Sex	Origin
<pre></pre>	.ist>		opulated via pecies>	<prepopula< td=""><td></td><td><drop< td=""><td></td><td><dropdown List></dropdown </td><td><dropdown List></dropdown </td></drop<></td></prepopula<>		<drop< td=""><td></td><td><dropdown List></dropdown </td><td><dropdown List></dropdown </td></drop<>		<dropdown List></dropdown 	<dropdown List></dropdown
<add new="" record<="" td=""><td>1></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></add>	1>								
b) Non-Target Wild	life (Incidenta	al By-catch):						
Click "Add New Record	d" below, selec	t the possil	ole non-targeted (incidental by-	catch) s _l	pecies; or i	f the spe	cies is unknown, s	elect the
proposed lowest level(•			-		_			
II	•		_	•			-	der "Details" why i dlife, including hov	·
			•			-		w you will minimiz	•
•	• • • • •	nnel are tra	ined in identificati	on and superv	rision, d	iscriminant	capture	methods, handling	procedures and
duration, etc.) Species or Taxonomic		Ι							
(Scientific Name) (e.g., Genus, etc.)		Species of (Common		Status		Quantities	Mea	sures Minimizing I	Harm of Wildlife
<dropdown l<="" td=""><td>.ist></td><td></td><td>opulated via</td><td><pre><pre>continue</pre></pre></td><td></td><td><numerio< td=""><td>:></td><td><text bo<="" td=""><td>OX></td></text></td></numerio<></td></dropdown>	.ist>		opulated via	<pre><pre>continue</pre></pre>		<numerio< td=""><td>:></td><td><text bo<="" td=""><td>OX></td></text></td></numerio<>	:>	<text bo<="" td=""><td>OX></td></text>	OX>
<add new="" record<="" td=""><td>1.</td><td>3</td><td>pecies></td><td>via Specie</td><td>35></td><td></td><td></td><td></td><td></td></add>	1.	3	pecies>	via Specie	35>				
c) Review of Speci					liantina	Ath		dividual base vasi	in and an action
	•	•		• •				dividual, have revi ol, the California E	
								Animals List for F	
								ildlife species prior	
1								of my/our planned e, or Fully Protecte	
		-						(MOU), pursuant t	
			14, Section 670.					,,,,	
2) Proposed Take and	d/or Possessi	on Activiti	es:						
Click "Add New Record information per the req Activity.			•		-	-		•	-
Activity	Disposition		Species or Taxo	nomic Level	Quant	ities	Details		
<dropdown list=""></dropdown>	<filtered di<="" td=""><td>•</td><td><filtered drop<="" td=""><td>down List></td><td><nu< td=""><td>meric></td><td></td><td><text box<="" td=""><td>(></td></text></td></nu<></td></filtered></td></filtered>	•	<filtered drop<="" td=""><td>down List></td><td><nu< td=""><td>meric></td><td></td><td><text box<="" td=""><td>(></td></text></td></nu<></td></filtered>	down List>	<nu< td=""><td>meric></td><td></td><td><text box<="" td=""><td>(></td></text></td></nu<>	meric>		<text box<="" td=""><td>(></td></text>	(>

<Ad	d I	Vew	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."
 - 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
 - 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.).

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=""></dropdown>	<pre><filtered dropdown="" list=""></filtered></pre>	<date picker=""></date>	<date picker=""></date>	<dropdown List></dropdown 	<numeric></numeric>	<text box=""></text>			
<add new="" record=""></add>									
4) Proposed Proced	4) Proposed Procedures:								
Will your proposed study require procedures to be performed on wildlife?									

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
 - 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=""></dropdown>	<filtered dropdown="" list=""></filtered>	<numeric></numeric>	<text box=""></text>
<add new="" record=""></add>			

5) Sacrifice of Wildlife:

Will your proposed study result in the death or removal of target or non-target wildlife from the wild? \Box Yes \Box 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;
 - o 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.

☐ No

Taxonomic Level or Species	Quantities	Life Stage	Sex	Details
<filtered dropdown="" list=""></filtered>	<numeric></numeric>	<dropdown list=""></dropdown>	<dropdown list=""></dropdown>	<text box=""></text>
Add New December				

<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	☐ Yes
be transferred into possession and held in captivity?	⊔ res

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.
- o 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.
- o 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.

	educational pur	poses when ad	lequate justification	n is provided.	·	0 ,	,	
Captivity Type	Species		Quantities	Life Stage	Sex	Details		
<pre><dropdown list=""></dropdown></pre>	<filtered drop<="" td=""><td>down List></td><td><numeric></numeric></td><td><dropdown List></dropdown </td><td><dropdown List></dropdown </td><td></td><td><text bo<="" td=""><td>x></td></text></td></filtered>	down List>	<numeric></numeric>	<dropdown List></dropdown 	<dropdown List></dropdown 		<text bo<="" td=""><td>x></td></text>	x>
<add new<="" td=""><td>Record ></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></add>	Record >							
Do you intend to sacrifice wildlife at the conclusion of the proposed study or program?							☐ Yes	□ No
If yes, click "Ad	d New Record" be	low, and provid	le the following info	rmation:				
sacrific	ced; and	-	age/age, sex (if un d disposal, under '		and explain under "I	Jetails" why	y it is unknov	vn) to be
Species		Quantities	Color Stage Oropdown	<dropdown< td=""><td>Details</td><td></td><td></td><td></td></dropdown<>	Details			
<filtered dr<="" td=""><td>opdown List></td><td><numeric></numeric></td><td>List></td><td>List></td><td></td><td><text< td=""><td>Box></td><td></td></text<></td></filtered>	opdown List>	<numeric></numeric>	List>	List>		<text< td=""><td>Box></td><td></td></text<>	Box>	
Do you intend	to captive breed th	e requested wi	Idlife?		•		☐ Yes	□ No
If yes, click "Ad	d New Record" be	low, and provid	le the following info	ormation:				
captive	ely bred; and och species you pla List any publish	an on captive b ed references t	reeding, provide th	e specifics under " ive breeding of the			y it is unknov	vn) to be

Sex

Details

Outline all persons, and their roles in the captive breeding activity.

Life Stage

Quantities

Species

<filtered dropdown="" list=""></filtered>	<numeric></numeric>	<dropdown List></dropdown 	<dropdown List></dropdown 	<tex< th=""><th>t Box></th><th></th></tex<>	t Box>	
Do you intend to release organisms (or their offspring) back into the wild, if captively bred, or for other reasons?						
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?
 - o 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:

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

1 ISH HEARTH LA	U :					
Species	Quantities	Life Stage	Sex	Details		
<filtered dropdown="" list=""></filtered>	<numeric></numeric>	<dropdown List></dropdown 	<dropdown List></dropdown 	<text box=""></text>		
<add new="" record=""></add>	<add new="" record=""></add>					
b) Will live wildlife be relocated, translocated, or reintroduced ("in situ")?						

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=""></filtered>	<numeric></numeric>	<pre><dropdown list=""></dropdown></pre>	<dropdown List></dropdown 	<text box=""></text>

<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
 - o Describe the frequency of the proposed activity per sampling area.

Geographic	Species or	County	Land	Waters	MPA or other	Habitats	Details
Area	Taxonomic Level		Ownership		Managed Area		
	<filtered Dropdown List></filtered 	<dropdown List></dropdown 	<dropdown List></dropdown 	<dropdown List></dropdown 	<dropdown List></dropdown 	<filtered Dropdown List></filtered 	<text box=""></text>

<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=""></dropdown>

<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 of 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=""></dropdown>					

<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 3c="" dropdown="" from="" list="" section=""></filtered>	<prepopulated id="" sc="" via=""></prepopulated>	<pre><pre>repopulated via SC ID></pre></pre>	<text box=""></text>

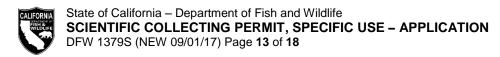
<Add New Record >

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 DOCUMENT	S		
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
☐ Federal Endangered Species Act 10(a)(1)(A) Native Endangered an Threatened Species Recovery Permit – U.S. Fish and Wildlife Service	☐ Bird Banding Permit – U.S. Geological Sur	/ey	
Permit No(s):		Permit No(s):	
☐ Federal Endangered Species Act 10(a)(1)(A) Scientific Research Pendational Oceanic and Atmospheric Administration, Fisheries (NMFS)	ermit –	☐ Migratory Bird Permit – U.S. Fish and Wildl	ife Service
Permit No(s):		Permit No(s):	
☐ Federal Endangered Species Act 4(d) rule – Research		Other (e.g., National Parks Service, Nation Sanctuaries, Bureau of Land Management, Na	
Permit No(s):		Refuge, etc.) Type and Permit No.(s):	nonal Whallo
5b. STATE PERMITS			
Do you currently hold, or are named on, or have applied for, or will apply	for a sta	te permit pertinent to your requested activities?	Yes
Select all that apply, and attach copies of permits or applications.			
	10	() (0 : ::::::::::::::::::::::::::::::::	∐ No
California Endangered Species Act and/or Fully Protected Species Research MOU(s) – Department	on name(s) (<i>Scientific name</i>)		
Permit or MOU Names or No.(s):			
☐ Scientific Research and Collecting Permits – CA State Parks		er (e.g., California Dept. of Food and Agriculturend Permit No.(s):))
Permit No(s):			
5c. RELEVANT ENVIRONMENTAL DOCUMENTS			
Are you proposing to conduct activities to meet requirements of an environmental compliance required by law? Select all that may apply, a			☐ Yes
applicable.			
☐ Federal – Federal Endangered Species Act Section 7 Consultation, Biological Opinion	J Federa Commiss	ll Hydropower Licensing (Federal Energy Regul sion)	atory
Renewable Energy (i.e., wind, solar, etc.)	Califor	nia Environmental Quality Act	
□ National Environmental Policy Act	☐ Fish R	estoration Grants Program	
□ Natural Community Conservation Plan	Lake a	nd Streambed Alteration Agreement	
☐ Hatchery, or Department Fishery Management Plan		Operations (U.S. Bureau of Reclamation, Califo esources, 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(I) 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 rangewide 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 of 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.