APPENDIX G

California Natural Diversity Data Base, U.S. Fish & Wildlife Service, and California Native Plant Society Lists: North Fork Site

California Department of Fish and Game
Natural Diversity Database
Selected Elements by Scientific Name
Special-status species within the "Cascadel Point, CA" 7.5' USGS quadrangle and the eight surrounding quads: Shuteye Peak, Bass Lake, Auberry, Mammoth Pool Dam, North Fork, Millerton Lake East, Musick Mtn., and Shaver Lake

	Scientific Name/Common Name	Element Code	Federal Status	State Status	GRank	SRank	CDFG or CNPS
1	Accipiter gentilis northern goshawk	ABNKC12060			G5	S3	SC
2	Actinemys marmorata western pond turtle	ARAAD02030			G3G4	S3	SC
3	Antrozous pallidus pallid bat	AMACC10010			G5	S3	SC
4	Aquila chrysaetos golden eagle	ABNKC22010			G5	S3	SC
5	Branchinecta lynchi vernal pool fairy shrimp	ICBRA03030	Threatened		G3	S2S3	
6	Calasellus longus An isopod	ICMAL34020			G1G2	S1S2	
7	Calyptridium pulchellum Mariposa pussypaws	PDPOR09060	Threatened		G1	S1.1	1B.1
8	Camissonia sierrae ssp. alticola Mono Hot Springs evening-primrose	PDONA031H1			G3T2	S2.2	1B.2
9	Carpenteria californica tree-anemone	PDHDR04010		Threatened	G2	S2.2	1B.2
10	Castilleja campestris ssp. succulenta succulent owl's-clover	PDSCR0D3Z1	Threatened	Endangered	G4?T2	S2.2	1B.2
11	Central Valley Drainage Hardhead/Squawfish Stream	CARA2443CA			G?	SNR	
12	Central Valley Drainage Rainbow Trout/Cyprinid Stream	CARA2422CA			G?	SNR	
13	Central Valley Drainage Resident Rainbow Trout Stream	CARA2421CA			G?	SNR	
14	Chrysis tularensis A cuckoo wasp	IIHYM72010			G1G2	S1S2	
15	Collomia rawsoniana Rawson's flaming trumpet	PDPLM02080			G2	S2.2	1B.2
16	Corynorhinus townsendii Townsend's big-eared bat	AMACC08010			G4	S2S3	SC
17	Desmocerus californicus dimorphus valley elderberry longhorn beetle	IICOL48011	Threatened		G3T2	S2	
18	Didymodon norrisii Norris' beard moss	NBMUS2C0H0			G2G3	S2.2	2.2
19	Empidonax traillii willow flycatcher	ABPAE33040		Endangered	G5	S1S2	
20	Eryngium spinosepalum spiny-sepaled button-celery	PDAPI0Z0Y0			G2	S2.2	1B.2
21	Erythronium pluriflorum Shuteye Peak fawn lily	PMLIL0U0Q0			G1	S1.3	1B.3
22	Euderma maculatum spotted bat	AMACC07010			G4	S2S3	SC

Scientific Name/Common Name	Element Code	Federal Status	State Status	GRank	SRank	CDFG or CNPS
23 Eumops perotis californicus western mastiff bat	AMACD02011			G5T4	S3?	SC
24 Falco mexicanus prairie falcon	ABNKD06090			G5	S3	SC
25 Fissidens aphelotaxifolius brook pocket moss	NBMUS2W290			GU	S1.2	2.2
26 Gratiola heterosepala Boggs Lake hedge-hyssop	PDSCR0R060		Endangered	G3	S3.1	1B.2
27 Haliaeetus leucocephalus bald eagle	ABNKC10010	Delisted	Endangered	G5	S2	
28 Hulsea brevifolia short-leaved hulsea	PDAST4Z020			G3	S3.2	1B.2
29 Hydroporus leechi Leech's skyline diving beetle	IICOL55040			G1?	S1?	
30 Ivesia unguiculata Yosemite ivesia	PDROS0X0N0			G3	S3.2	4.2
31 Lepidurus packardi vernal pool tadpole shrimp	ICBRA10010	Endangered		G3	S2S3	
32 Leptosiphon serrulatus Madera leptosiphon	PDPLM09130			G1?	S1?	1B.2
33 Lewisia disepala Yosemite lewisia	PDPOR04060			G2	S2.2	1B.2
34 Linderiella occidentalis California linderiella	ICBRA06010			G3	S2S3	
35 Lupinus citrinus var. citrinus orange lupine	PDFAB2B103			G2T2	S2.2	1B.2
36 Lytta molesta molestan blister beetle	IICOL4C030			G2	S2	
37 Martes americana sierrae Sierra marten	AMAJF01014			G5T3T4	S3S4	
38 Martes pennanti (pacifica) DPS Pacific fisher	AMAJF01021	Candidate		G5	S2S3	SC
39 Mimulus gracilipes slender-stalked monkeyflower	PDSCR1B1C0			G3	S3.2	1B.2
40 Myotis evotis long-eared myotis	AMACC01070			G5	S4?	
41 Myotis thysanodes fringed myotis	AMACC01090			G4G5	S4	
42 Myotis volans long-legged myotis	AMACC01110			G5	S4?	
43 Myotis yumanensis Yuma myotis	AMACC01020			G5	S4?	
44 Northern Basalt Flow Vernal Pool	CTT44131CA			G3	S2.2	
45 Oravelia pege Dry Creek cliff strider bug	IIHEM14010			G1	S1	

Scientific Name/Common Name	Element Code	Federal Status	State Status	GRank	SRank	CDFG or CNPS
46 Orcuttia inaequalis San Joaquin Valley orcutt grass	PMPOA4G060	Threatened	Endangered	G2	S2.1	1B.1
47 Pandion haliaetus osprey	ABNKC01010			G5	S3	SC
48 Rana boylii foothill yellow-legged frog	AAABH01050			G3	S2S3	SC
49 Rana sierrae Sierra Nevada yellow-legged frog	AAABH01340	Candidate		G1	S1	SC
50 Strix nebulosa great gray owl	ABNSB12040		Endangered	G5	S1	
51 Viburnum ellipticum oval-leaved viburnum	PDCPR07080			G5	S2.3	2.3
52 Viola pinetorum ssp. grisea grey-leaved violet	PDVIO04431			G4G5T1	S1.3	1B.3
53 Vulpes vulpes necator Sierra Nevada red fox	AMAJA03012		Threatened	G5T3	S1	

CNPS California Native Plant Society

Inventory of Rare and Endangered Plants

v7-07d 10-18-07

Status: search results - Wed, Jan. 16, 2008 12:19 c

{QUADS_123} =~ m/397B|417C|417D|398A|398D|418D|397A|397C Search

Tip: `+DNT Jun Jul` returns Del Norte taxa with those blooming both months listed first.[all tips and help.][search history]

Your Quad Selection: Cascadel Point (397B) 3711924, Shuteye Peak (417C) 3711934, Mammoth Pool Dam (417D) 3711933, North Fork (398A) 3711925, Millerton Lake East (398D) 3711915, Ahwahnee (418D) 3711936, Musick Mountain (397A) 3711923, Auberry (397C) 3711914, Shaver Lake (397D) 3711913

Hits 1 to 21 of 21

Requests that specify topo quads will return only Lists 1-3.

To save selected records for later study, click the ADD button.

ADD checked items to Plant Press | check all | check none

Selections will appear in a new window.

open	save	hits	scientific	common	family	CNPS
		1	Calyptridium pulchellum	Mariposa pussypaws	Portulacaceae	List 1B.1
		1	Camissonia sierrae ssp. alticola	Mono Hot Springs evening-primrose	Onagraceae	List 1B.2
		1	Carex praticola	meadow sedge	Cyperaceae	List 2.2
		1	Carpenteria californica	tree-anemone	Philadelphaceae	List 1B.2
		1	Castilleja campestris ssp. succulenta	succulent owl's-clover	Scrophulariaceae	List 1B.2
		1	Collomia rawsoniana	flaming trumpet	Polemoniaceae	List 1B.2
		1	Didymodon norrisii	Norris' beard-moss	Pottiaceae	List 2.2
		1	Eryngium spinosepalum	spiny-sepaled button-celery	Apiaceae	List 1B.2
		1	Erythronium pluriflorum	Shuteye Peak fawn lily	Liliaceae	List 1B.3
		1	Fissidens aphelotaxifolius	brook pocket-moss	Fissidentaceae	List 2.2
		1	Gratiola heterosepala	Boggs Lake hedge-hyssop	Scrophulariaceae	List 1B.2
		1	Hulsea brevifolia	short-leaved hulsea	Asteraceae	List 1B.2
		1	Jensia yosemitana	Yosemite tarplant	Asteraceae	List 3.2
		1	Leptosiphon serrulatus	Madera leptosiphon	Polemoniaceae	List 1B.2
		1	Lewisia disepala	Yosemite lewisia	Portulacaceae	List 1B.2
		1	Lupinus citrinus var. citrinus	orange lupine	Fabaceae	List 1B.2
		1	Mimulus acutidens	Kings River monkeyflower	Scrophulariaceae	List 3
		1	Mimulus gracilipes	slender-stalked monkeyflower	Scrophulariaceae	List 1B.2
		1	Orcuttia inaequalis	San Joaquin Valley Orcutt grass	Poaceae	List 1B.1
		1	Viburnum ellipticum	oval-leaved viburnum	Caprifoliaceae	List 2.3
		1	Viola pinetorum ssp. grisea	grey-leaved violet	Violaceae	List 1B.3

To save selected records for later study, click the ADD button.

ADD checked items to Plant Press | check all | check none

Selections will appear in a new window.

No more hits.

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United States Department of the Interior

FISH AND WILDLIFE SERVICE

Sacramento Fish and Wildlife Office
2800 Cottage Way, Room W-2605
Sacramento, California 95825

January 16, 2008

Document Number: 080116125316

Sean Marquis
Analytical Environmental Services
1801 7th Street, Suite 100
Sacramento, CA 95811

Subject: Not specified

Dear: Mr. Marquis

We are sending this official species list in response to your January 16, 2008 request for information about endangered and threatened species. The list covers the California counties and/or U.S. Geological Survey 7½ minute quad or quads you requested.

Our database was developed primarily to assist Federal agencies that are consulting with us. Therefore, our lists include all of the sensitive species that have been found in a certain area *and also ones that may be affected by projects in the area*. For example, a fish may be on the list for a quad if it lives somewhere downstream from that quad. Birds are included even if they only migrate through an area. In other words, we include all of the species we want people to consider when they do something that affects the environment.

Please read Important Information About Your Species List (below). It explains how we made the list and describes your responsibilities under the Endangered Species Act.

Our database is constantly updated as species are proposed, listed and delisted. If you address proposed and candidate species in your planning, this should not be a problem. However, we recommend that you get an updated list every 90 days. That would be April 15, 2008.

Please contact us if your project may affect endangered or threatened species or if you have any questions about the attached list or your responsibilities under the Endangered Species Act. A list of Endangered Species Program contacts can be found at www.fws.gov/sacramento/es/branches.htm.

Endangered Species Division

TAKE PRIDE IN AMERICA

Federal Endangered and Threatened Species that Occur in or may be Affected by Projects in the Counties and/or U.S.G.S. 7 1/2 Minute Quads you requested

Document Number: 080116125316

Database Last Updated: December 12, 2007

Quad Lists

Listed Species

Invertebrates

Branchinecta conservatio
Conservancy fairy shrimp (E)

Branchinecta lynchi
Critical habitat, vernal pool fairy shrimp (X)

Desmocerus californicus dimorphus
valley elderberry longhorn beetle (T)

Fish

Hypomesus transpacificus
delta smelt (T)

Oncorhynchus mykiss
Central Valley steelhead (T) (NMFS)

Amphibians

Ambystoma californiense
California tiger salamander, central population (T)
Critical habitat, CA tiger salamander, central population (X)

Rana aurora draytonii
California red-legged frog (T)

Reptiles

Gambelia (=Crotaphytus) sila
blunt-nosed leopard lizard (E)

Mammals

Dipodomys nitratoides exilis
Fresno kangaroo rat (E)

Plants

Calyptridium pulchellum
Mariposa pussy-paws (T)

Castilleja campestris ssp. succulenta
Critical habitat, succulent (=fleshy) owl's-clover (X)
succulent (=fleshy) owl's-clover (T)

Orcuttia inaequalis
Critical habitat, San Joaquin Valley Orcutt grass (X)

Pseudobahia bahiifolia
Hartweg's golden sunburst (E)

Candidate Species

Amphibians

Rana muscosa
mountain yellow-legged frog (C)

Mammals

Martes pennanti
fisher (C)

Quads Containing Listed, Proposed or Candidate Species:

MUSICK MTN. (397A)
CASCADEL POINT (397B)
AUBERRY (397C)
SHAVER LAKE (397D)
NORTH FORK (398A)
MILLERTON LAKE WEST (398C)
SHUTEYE PEAK (417C)
MAMMOTH POOL DAM (417D)
BASS LAKE (418C)

County Lists

No county species lists requested.

Key:

(E) *Endangered* - Listed as being in danger of extinction.
(T) *Threatened* - Listed as likely to become endangered within the foreseeable future.
(P) *Proposed* - Officially proposed in the Federal Register for listing as endangered or threatened.
(NMFS) Species under the Jurisdiction of the National Oceanic & Atmospheric Administration Fisheries Service. Consult with them directly about these species.
Critical Habitat - Area essential to the conservation of a species.
(PX) *Proposed Critical Habitat* - The species is already listed. Critical habitat is being proposed for it.
(C) *Candidate* - Candidate to become a proposed species.
(V) Vacated by a court order. Not currently in effect. Being reviewed by the Service.
(X) *Critical Habitat* designated for this species

Important Information About Your Species List

How We Make Species Lists

We store information about endangered and threatened species lists by U.S. Geological Survey 7½ minute quads. The United States is divided into these quads, which are about the size of San Francisco.

The animals on your species list are ones that occur within, **or may be affected by** projects within, the quads covered by the list.

- Fish and other aquatic species appear on your list if they are in the same watershed as your quad or if water use in your quad might affect them.
- Amphibians will be on the list for a quad or county if pesticides applied in that area may be carried to their habitat by air currents.
- Birds are shown regardless of whether they are resident or migratory. Relevant birds on the county list should be considered regardless of whether they appear on a quad list.

Plants

Any plants on your list are ones that have actually been observed in the area covered by the list. Plants may exist in an area without ever having been detected there. You can find out what's in the surrounding quads through the California Native Plant Society's online Inventory of Rare and Endangered Plants.

Surveying

Some of the species on your list may not be affected by your project. A trained biologist or botanist, familiar with the habitat requirements of the species on your list, should determine whether they or habitats suitable for them may be affected by your project. We recommend that your surveys include any proposed and candidate species on your list.

For plant surveys, we recommend using the Guidelines for Conducting and Reporting Botanical Inventories. The results of your surveys should be published in any environmental documents prepared for your project.

Your Responsibilities Under the Endangered Species Act

All animals identified as listed above are fully protected under the Endangered Species Act of 1973, as amended. Section 9 of the Act and its implementing regulations prohibit the take of a federally listed wildlife species. Take is defined by the Act as "to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect" any such animal.

> Take may include significant habitat modification or degradation where it actually kills or injures wildlife by significantly impairing essential behavioral patterns, including breeding, feeding, or shelter (50 CFR §17.3).

Take incidental to an otherwise lawful activity may be authorized by one of two procedures:

- If a Federal agency is involved with the permitting, funding, or carrying out of a project that may result in take, then that agency must engage in a formal consultation with the Service.

  During formal consultation, the Federal agency, the applicant and the Service work together to avoid or minimize the impact on listed species and their habitat. Such consultation would result in a biological opinion by the Service addressing the anticipated effect of the project on listed and proposed species. The opinion may authorize a limited level of incidental take.

- If no Federal agency is involved with the project, and federally listed species may be taken as part of the project, then you, the applicant, should apply for an incidental take permit. The Service may issue such a permit if you submit a satisfactory conservation plan for the species that would be affected by your project.

  Should your survey determine that federally listed or proposed species occur in the area and are likely to be affected by the project, we recommend that you work with this office and the California Department of Fish and Game to develop a plan that minimizes the project's direct and indirect impacts to listed species and compensates for project-related loss of habitat. You should include the plan in any environmental documents you file.

Critical Habitat

When a species is listed as endangered or threatened, areas of habitat considered essential to its conservation may be designated as critical habitat. These areas may require special management considerations or protection. They provide needed space for growth and normal behavior; food, water, air, light, other nutritional or physiological requirements; cover or shelter; and sites for breeding, reproduction, rearing of offspring, germination or seed dispersal.

Although critical habitat may be designated on private or State lands, activities on these lands are not restricted unless there is Federal involvement in the activities or direct harm to listed wildlife.

If any species has proposed or designated critical habitat within a quad, there will be a separate line for this on the species list. Boundary descriptions of the critical habitat may be found in the Federal Register. The information is also reprinted in the Code of Federal Regulations (50 CFR 17.95). See our critical habitat page for maps.

Candidate Species

We recommend that you address impacts to candidate species. We put plants and animals on our candidate list when we have enough scientific information to eventually propose them for listing as threatened or endangered. By considering these species early in your planning process you may be able to avoid the problems that could develop if one of these candidates was listed before the end of your project.

Species of Concern

The Sacramento Fish & Wildlife Office no longer maintains a list of species of concern. However, various other agencies and organizations maintain lists of at-risk species. These lists provide essential

information for land management planning and conservation efforts. More info

Wetlands

If your project will impact wetlands, riparian habitat, or other jurisdictional waters as defined by section 404 of the Clean Water Act and/or section 10 of the Rivers and Harbors Act, you will need to obtain a permit from the U.S. Army Corps of Engineers. Impacts to wetland habitats require site specific mitigation and monitoring. For questions regarding wetlands, please contact Mark Littlefield of this office at (916) 414-6580.

Updates

Our database is constantly updated as species are proposed, listed and delisted. If you address proposed and candidate species in your planning, this should not be a problem. However, we recommend that you get an updated list every 90 days. That would be April 15, 2008.