
APPENDIX 4.3-1
CNDDDB RESULTS
SPECIAL-STATUS SPECIES PLANT AND WILDLIFE
DATABASE
CNPS INVENTORY

United States Department of the Interior

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FISH AND WILDLIFE SERVICE

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

September 18, 2007

Document Number: 070918092715

Angela Calderaro
PMC
2729 Prospect Park Drive, Suite 220
Rancho Cordova, CA 95670

Subject: Species List for Mitchell Ranch Center

Dear: Interested party

We are sending this official species list in response to your September 18, 2007 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 December 17, 2007.

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

These buttons will not appear on your list.

**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: 070918092715

Database Last Updated: August 16, 2007

Quad Lists

Listed Species

Invertebrates

- Branchinecta conservatio
 - Conservancy fairy shrimp (E)
- Branchinecta lynchi
 - vernal pool fairy shrimp (T)
- Desmocerus californicus dimorphus
 - valley elderberry longhorn beetle (T)
- Lepidurus packardi
 - Critical habitat, vernal pool tadpole shrimp (X)
 - vernal pool tadpole shrimp (E)

Fish

- Acipenser medirostris
 - green sturgeon (T) (NMFS)
- Hypomesus transpacificus
 - Critical habitat, delta smelt (X)
 - delta smelt (T)
- Oncorhynchus mykiss
 - Central Valley steelhead (T) (NMFS)
 - Critical habitat, Central Valley steelhead (X) (NMFS)

- *Oncorhynchus tshawytscha*
 - Central Valley spring-run chinook salmon (T) (NMFS)
 - winter-run chinook salmon, Sacramento River (E) (NMFS)

Amphibians

- *Ambystoma californiense*
 - California tiger salamander, central population (T)
- *Rana aurora draytonii*
 - California red-legged frog (T)

Reptiles

- *Gambelia* (=Crotaphytus) *silae*
 - blunt-nosed leopard lizard (E)
- *Thamnophis gigas*
 - giant garter snake (T)

Mammals

- *Dipodomys nitratoides exilis*
 - Fresno kangaroo rat (E)
- *Vulpes macrotis mutica*
 - San Joaquin kit fox (E)

Plants

- *Neostapfia colusana*
 - Critical habitat, Colusa grass (X)
- *Tuctoria greenei*
 - Critical habitat, Greene's tuctoria (=Orcutt grass) (X)

Quads Containing Listed, Proposed or Candidate Species:

TURLOCK (423A)

HATCH (423B)

CROWS LANDING (424A)

WATERFORD (442A)

RIVERBANK (442B)

CERES (442C)

DENAIR (442D)

SALIDA (443A)

BRUSH LAKE (443D)

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 December 17, 2007.

Status: search results - Tue, Sep. 18, 2007 08:24 c

Tip: CNPS_LIST: "List 3" (note the field name) returns only taxa on List 3. "List 3" by itself, matches the phrase wherever found. Browse the list of **field names**.

[[all tips and help.](#)][[search history](#)]















Your Quad Selection: Ceres (442C) 3712058, Turlock (423A) 3712047, Hatch (423B) 3712048, Brush Lake (443D) 3712151, Salida (443A) 3712161, Crows Landing (424A) 3712141, Denair (442D) 3712057, Waterford (442A) 3712067, Riverbank (442B) 3712068






Hits 1 to 11 of 11

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

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

Selections will appear in a new window.

open	save	hits	scientific	common	family	CNPS
		1	<u>Astragalus tener</u> var. <u>tener</u> 	alkali milk-vetch	Fabaceae	List 1B.2
		1	<u>Atriplex cordulata</u> 	heartscale	Chenopodiaceae	List 1B.2
		1	<u>Atriplex minuscule</u> 	lesser saltscale	Chenopodiaceae	List 1B.1
		1	<u>Atriplex persistens</u> 	vernal pool smallscale	Chenopodiaceae	List 1B.2
		1	<u>Blepharizonia plumosa</u> 	big tarplant	Asteraceae	List 1B.1
		1	<u>Clarkia rostrata</u> 	beaked clarkia	Onagraceae	List 1B.3
		1	<u>Eryngium racemosum</u>	Delta button- celery	Apiaceae	List 1B.1
		1	<u>Monardella leucocephala</u>	Merced monardella	Lamiaceae	List 1A

	1	<u>Neostapfia colusana</u> 	Colusa grass	Poaceae	List 1B.1
	1	<u>Orcuttia inaequalis</u> 	San Joaquin Valley Orcutt grass	Poaceae	List 1B.1
	1	<u>Tuctoria greenei</u>	Greene's tuctoria	Poaceae	List 1B.1

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

Selections will appear in a new window.

No more hits.



California Department of Fish and Game
Natural Diversity Database
Selected Elements by Scientific Name - Landscape
Mitchell Ranch Center

Scientific Name	Common Name	Element Code	Federal Status	State Status	Global Rank	State Rank	CNPS	CDFG
1 Actinemys marmorata	western pond turtle	ARAAD02030			G3G4	S3		SC
2 Agelaius tricolor	tricolored blackbird	ABPBXB0020			G2G3	S2		SC
3 Ambystoma californiense	California tiger salamander	AAAAA01180	Threatened		G2G3	S2S3		SC
4 Ardea herodias	great blue heron	ABNGA04010			G5	S4		
5 Astragalus tener var. tener	alkali milk-vetch	PDFAB0F8R1			G1T1	S1.1	1B.2	
6 Athene cucularia	burrowing owl	ABNSB10010			G4	S2		SC
7 Atriplex cordulata	heartscale	PDCHE040B0			G2?	S2.2?	1B.2	
8 Atriplex minuscula	lesser saltscale	PDCHE042M0			G1	S1.1	1B.1	
9 Atriplex persistens	vernal pool smallscale	PDCHE042P0			G2	S2.2	1B.2	
10 Blepharizonia plumosa	big tarplant	PDAST1C011			G1	S1.1	1B.1	
11 Branchinecta lynchi	vernal pool fairy shrimp	ICBRA03030	Threatened		G3	S2S3		
12 Branta hutchinsii leucopareia	cackling (=Aleutian Canada) goose	ABNJB05035	Delisted		G5T4	S2		
13 Buteo swainsoni	Swainson's hawk	ABNKC19070		Threatened	G5	S2		
14 Clarkia rostrata	beaked clarkia	PDONA050Y0			G2	S2.1	1B.3	
15 Desmocerus californicus dimorphus	valley elderberry longhorn beetle	IICOL48011	Threatened		G3T2	S2		
16 Dipodomys heermanni dixonii	Merced kangaroo rat	AMAFD03062			G3G4T1?	S2S3		
17 Egretta thula	snowy egret	ABNGA06030			G5	S4		
18 Eryngium racemosum	Delta button-celery	PDAPI0Z0S0		Endangered	G2Q	S2.1	1B.1	
19 Lasiurus cinereus	hoary bat	AMACC05030			G5	S4?		SC
20 Lepidurus packardii	vernal pool tadpole shrimp	ICBRA10010	Endangered		G3	S2S3		
21 Lytta moesta	moestan blister beetle	IICOL4C020			G2	S2		
22 Melospiza melodia maxillaris	Suisun song sparrow	ABPBXA301K			G5T2	S2		SC
23 Monardella leucocephala	Merced monardella	PDLAM180C0			GH	SH	1A	
24 Neostapfia colusana	Colusa grass	PMPOA4C010	Threatened	Endangered	G3	S3.1	1B.1	
25 Orcuttia inaequalis	San Joaquin Valley orcutt grass	PMPOA4G060	Threatened	Endangered	G2	S2.1	1B.1	
26 Pogonichthys macrolepidotus	Sacramento splittail	AFCJB34020			G2	S2		SC
27 Tuctoria greenei	Greene's tuctoria	PMPOA6N010	Endangered	Rare	G2	S2.2	1B.1	