APPENDICES

APPENDIX 1. Federally-listed plant and animal species not listed under the California Endangered Species Act. For additional information on listed plants, please refer to http://www.dfg.ca.gov/whdab/pdfs/TEPlants.pdf. For listed animals: http://www.dfg.ca.gov/whdab/pdfs/TEAnimals.pdf.

Gastropods

Common Name	Scientific Name	Status	Date Listed
Morro shoulderband snail	Helminthoglypta walkeriana	FE	1/17/95
White abalone	Haliotis sorenseni	FE	6/28/01

Crustaceans

Common Name	Scientific Name	Status	Date Listed
Conservancy fairy shrimp	Branchinecta conservatio	FE	9/19/94
Longhorn fairy shrimp	Branchinecta longiantenna	FE	9/19/94
Riverside fairy shrimp	Streptocephalus woottoni	FE	8/3/93
San Diego fairy shrimp	Branchinecta sandiegoensis	FE	2/3/97
Vernal pool fairy shrimp	Branchinecta lynchi	FT	9/19/94
Vernal pool tadpole shrimp	Lepidurus packardi	FE	9/19/94

<u>Insects</u>

Common Name	Scientific Name	Status	Date Listed
Bay checkerspot butterfly	Euphydryas editha bayensis	FT	10/18/87
Behren's silverspot butterfly	Speyeria zerene behrensii	FE	12/5/97
Callippe silverspot butterfly	Speyeria callippe callippe	FE	12/5/97
Delhi Sands flower-loving fly	Rhaphiomidas terminatus abdominalis	FE	9/23/93
Delta green ground beetle	Elaphrus viridis	FT	8/8/80
El Segundo blue butterfly	Euphilotes battoides allyni	FE	6/1/76
Kern primrose sphinx moth	Euproserpinus euterpe	FT	4/8/80
Laguna Mountains skipper	Pyrgus ruralis lagunae	FE	1/16/97
Lange's metalmark butterfly	Apodemia mormo langei	FE	6/1/76
Lotis blue butterfly	Lycaeides argyrognomon lotis	FE	6/1/76
Mission blue butterfly	I caricia icarioides missionensis	FE	6/1/76
Mount Hermon June beetle	Polyphylla barbata	FE	2/24/97
Myrtle's silverspot butterfly	Speyeria zerene myrtleae	FE	6/22/92
Ohlone tiger beetle	Cicindela ohlone	FE	10/3/01
Oregon silverspot butterfly	Speyeria zerene hippolyta	FT	7/2/80
Palos Verdes blue butterfly	Glaucopsyche lygdamus palosverdesensis	FE	7/02/80
Quino checkerspot	Euphydryas editha quino	FE	1/16/91
San Bruno elfin butterfly	Incisalia (= Callophrys) mossii bayensis	FE	6/1/76
Smith's blue butterfly	Euphilotes enoptes smithi	FE	6/1/76
Valley elderberry longhorn beetle	Desmocerus californicus dimorphus	FT	8/8/80
Zayante band-winged grasshopper	Trimerotropis infantilis	FE	1/24/97

<u>Fish</u>

Common Name	Scientific Name	Status	Date Listed
Chinook salmon - California coastal ESU*	Oncorhynchus tshawytscha	FT	11/15/99
Cowhead Lake tui chub	Gila bicolor vaccaceps	FPE	3/30/98
Lahontan cutthroat trout	Oncorhynchus (= Salmo) clarki	FT	7/16/75
Little Kern golden trout	Oncorhynchus (= Salmo) mykiss whitei	FT	4/13/78
Paiute cutthroat trout	Oncorhynchus (= Salmo) clarki	FT	7/16/95
Sacramento splittail	Pogonichthys macrolepidotus	Deleted	
Santa Ana sucker	Catostomus santaanae	FT	5/12/00
Steelhead - Northern California ESU*	Oncorhynchus mykiss	FT	8/7/00
Steelhead - Central California Coast ESU*	Oncorhynchus mykiss	FT	10/17/97
Steelhead - South/Central California Coast ESU*	Oncorhynchus mykiss	FT	10/17/97
Steelhead - Southern California ESU*	Oncorhynchus mykiss	FE	10/17/97
Steelhead - Central Valley ESU*	Oncorhynchus mykiss	FT	5/18/98
Tidewater goby * Evolutionary significant unit	Eucyclogobius newberryi	FE	2/4/94

Amphibians

Common Name	Scientific Name	Status	Date Listed
Arroyo toad (= arroyo southwestern)	Bufo californicus (=microscaphus)	FE	1/17/95
California red-legged frog	Rana aurora draytonii	FT	5/20/96
California tiger salamander	Ambystoma californiense	FPT	5/23/03
Central California DPS*			
California tiger salamander	Ambystoma californiense	FPT	5/23/03
Santa Barbara County DPS*		FE	9/15/00
California tiger salamander	Ambystoma californiense	FPT	5/23/03
Sonoma County DPS*		FE	3/19/03
Mountain yellow-legged frog	Rana muscosa	FE	8/1/02
Southern California population			
* Distinct vertebrate population segment			

Reptiles

Common Name	Scientific Name	Status	Date Listed
Green sea turtle	Chelonia mydas	FT	7/28/78
Island night lizard	Xantusia riversiana	FT	8/11/67
Leatherback sea turtle, leatherback	Dermochelys coriacea	FE	6/2/70
Loggerhead sea turtle	Caretta caretta	FT	7/28/78
Olive (=Pacific) Ridley sea turtle	Lepidochelys olivacea	FT	7/28/78

<u>Birds</u>

Common Name	Scientific Name	Status	Date Listed
Aleutian Canada goose (RECOVERED)	Branta canadensis leucopareia		
Arctic peregrine falcon (RECOVERED)	Falco peregrinus tundrius		

Common Name	Scientific Name	Status	Date Listed
Coastal California gnatcatcher	Polioptila californica californica	FT	3/30/93
Northern spotted owl	Strix occidentalis caurina	FT	6/22/90
San Clemente loggerhead shrike	Lanius ludovicianus mearnsi	FE	8/11/77
San Clemente sage sparrow	Amphispiza belli clementeae	FT	8/11/77
Short-tailed albatross	Phoebastria albatrus	FE	8/30/00
Southwestern willow flycatcher	Empidonax traillii extimus	FE	3/29/95
Western snowy plover	Charadrius alexandrinus nivosus	FT	4/5/93

Mammals

Common Name	Scientific Name	Status	Date Listed
Blue whale	Balaenoptera musculus	FE	6/2/70
Buena Vista Lake shrew	Sorex ornatus relictus	FE	4/5/02
Fin whale	Balaenoptera physalus	FE	6/2/70
Gray whale (RECOVERED)	Eschrichtius robustus		
Humpback whale	Megaptera novaeangliae	FE	6/2/70
San Miguel I sland fox	Urocyron littoralis littoralis	FE	3/5/04
Santa Rosa I sland fox	Urocyron littoralis santarosa	FE	3/5/04
Santa Cruz I sland fox	Urocyron littoralis santacruzae	FE	3/5/04
Santa Catalina I sland fox	Urocyron littoralis catalinae	FE	3/5/04
Pacific pocket mouse	Perognathus longimembris pacificus	FE	3/26/94
Point Arena mountain beaver	Aplodontia rufa nigra	FE	12/12/91
Right whale	Balaena glacialis (includes australis)	FE	6/2/70
Riparian woodrat	Neotoma fuscipes riparia	FE	3/24/00
San Bernardino kangaroo rat	Dipodomys merriami parvus	FE	9/24/98
Sei whale	Balaenoptera borealis	FE	6/2/70
Southern sea otter	Enhydra lutris nereis	FT	1/14/77
Southern sea otter	Enhydra lutris nereis	XP*	8/11/87
South of Pt. Conception, CA			
Sperm whale	Physeter macrocephalus (=catodon)	FE	6/2/70
Steller (=northern) sea lion	Eumetopias jubatus	FT	4/5/90
* Experimental Population, Non- Essential			

<u>Plants</u>

Scientific Name	Common Name	Status	Date Listed
Alopecurus aequalis var. sonomensis	Sonoma alopecurus	FE	10/22/97
Ambrosia pumila	San Diego ambrosia	FE	7/22/02
Arabis hoffmannii	Hoffman's rock cress	FE	7/31/97
Arctostaphylos confertiflora	Santa Rosa I sland manzanita	FE	7/31/97
Arctostaphylos glandulosa ssp. crassifolia	Del Mar manzanita	FE	10/7/96
Arctostaphylos morroensis	Morro manzanita	FT	12/15/94
Arctostaphylos myrtifolia	I one manzanita	FT	5/26/99
Arenaria ursina	Big Bear Valley sandwort	FT	9/14/98
Astragalus albens	Cushenbury milk-vetch	FE	8/24/94
Astragalus brauntonii	Braunton's milk-vetch	FE	6/29/97

Scientific Name	Common Name	Status	Date Listed
Astragalus jaegerianus	Lane Mountain milk-vetch	FE	10/6/98
Astragalus lentiginosus var. coachellae	Coachella Valley milk-vetch	FE	10/6/98
Astragalus lentiginosus var. piscinensis	Fish Slough milk-vetch	FT	10/6/98
Astragalus tricarinatus	triple-ribbed milk-vetch	FE	10/6/98
Atriplex coronata var. notatior	San Jacinto Valley crownscale	FE	10/6/98
Calyptridium pulchellum	Mariposa pussypaws	FT	9/14/98
Camissonia benitensis	San Benito evening-primrose	FT	2/12/85
Castilleja cinerea	ash-gray Indian paintbrush	FT	9/14/98
Castilleja mollis	soft-leaved Indian paintbrush	FE	7/31/97
Ceanothus ferrisae	coyote ceanothus	FE	2/3/95
Chamaesyce hooveri	Hoover's spurge	FT	3/26/97
Chlorogalum purpureum var. purpureum	purple amole	FT	3/20/00
Chorizanthe pungens var. hartwegiana	Ben Lomond spineflower	FE	2/4/94
Chorizanthe pungens var. pungens	Monterey spineflower	FT	2/4/94
Chorizanthe robusta var. hartwegii	Scott's Valley spineflower	FE	2/4/94
Chorizanthe robusta var. robusta	robust spineflower	FE	2/4/94
Cirsium hydrophilum var. hydrophylum	Suisun thistle	FE	11/20/97
Cupressus goveniana ssp. goveniana	Gowen cypress	FT	8/12/98
Dudleya abramsii ssp. parva	Conejo dudleya	FT	1/29/97
Dudleya cymosa ssp. agourensis	Santa Monica Mtns. dudleya	FT	1/29/97
Dudleya cymosa ssp. ovatifolia	Santa Monica Mtns. dudleya	FT	1/29/97
Dudleya setchellii	Santa Clara Valley dudleya	FE	2/3/95
Dudleya verityi	Verity's dudleya	FT	1/29/97
Enceliopsis nudicaulis var. corrugata	Ash Meadows daisy	FT	5/20/85
Eremalche kernensis	Kern mallow	FE	7/19/90
Eriastrum hooveri	Hoover's woolly-star	Delisted	10/7/03
Erigeron parishii	Parish's daisy	FT	8/24/94
Eriogonum kennedyi var. austromontanum	southern mountain buckwheat	FT	9/14/78
Eriogonum ovalifolium var. vineum	Cushenbury buckwheat	FE	8/24/94
Gilia tenuiflora ssp. hoffmannii	Hoffmann's slender-flowered gilia	FE	7/31/97
Grindelia fraxino-pratensis	Ash Meadows gumplant	FT	5/20/85
Helianthemum greenei	island rush-rose	FT	7/31/97
Howellia aquatilis	water howellia	FT	7/14/94
Lasthenia conjugens	Contra Costa goldfields	FE	6/18/97
Lembertia congdonii	San Joaquin woollythreads	FE	7/19/90
Lesquerella kingii ssp. bernardina	San Bernardino Mountains bladderpod	FE	8/24/94
Malacothrix indecora	Santa Cruz I sland malacothrix	FE	7/31/97
Malacothrix squalida	island malacothrix	FE	7/31/97
Navarretia fossalis	spreading navarretia	FT	10/13/98
Oxytheca parishii var. goodmaniana	Cushenbury oxytheca	FE	8/24/94
Phacelia insularis ssp. insularis	northern Channel I slands phacelia	FE	7/31/97
Piperia yadonii	Yadon's rein orchid	FE	8/12/94
Poa atropurpurea	San Bernardino blue grass	FE	9/14/98
Sibara filifolia	Santa Cruz I sland rock cress	FE 	8/8/97
Sidalcea keckii	Keck's checker-mallow	FE 	2/16/00
Streptanthus albidus ssp. albidus	Metcalf Canyon jewel-flower	FE	2/3/95

Scientific Name	Common Name	Status	Date Listed
Suaeda californica	California seablite	FE	12/15/94
Taraxacum californicum	California dandelion	FE	9/14/98
Thlaspi californicum	Kneeland Prairie penny-cress	FE	2/9/00
Thysanocarpus conchuliferus	Santa Cruz I sland fringepod	FE	8/31/97
Trichostema austromontanum ssp.	Hidden Lake bluecurls	FT	9/14/98
Trifolium amoenum	showy Indian clover	FE	10/22/97

APPENDIX 2 STATE AND REGIONAL HEADQUATERS OFFICES

For additional information, please go to the DFG website http://www.dfg.ca.gov/



1. Northern California - North Coast Region

601 Locust Street Redding, CA 96001

Public Information: (530) 225-2300

Fax: (530) 225-2381

Counties: Del Norte, Humboldt, Lassen, Modoc, Shasta, Siskiyou, Tehama, Trinity

2. Sacramento Valley-Central Sierra Region 2

1701 Nimbus Road

Rancho Cordova, CA 95670

Public Information: (916) 358-2900

Fax: (916) 358-2912

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7329 Silverado Trail

Napa, CA 94558

Mail: P.O. Box 47, Yountville, CA 94599 Public Information: (707) 944-5500

Fax: (707) 944-5563

Counties: Alameda, Contra Costa, Lake, Marin, Mendocino, Monterey, Napa, San Benito, San

Francisco, San Luis Obispo, San Mateo, Santa Clara, Santa Cruz, Solano, Sonoma

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1234 E. Shaw Avenue

Fresno, CA 93710

Public Information: (559) 243-4005 X 151

Fax: (559) 243-4022

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4949 Viewridge Avenue

San Diego, CA 92123

Public Information: (858) 467-4201

Fax: (858) 467-4299

Counties: Los Angeles, Orange, San Diego, Santa Barbara, Ventura

6. Eastern Sierra and Inland Deserts Region

3602 Inland Empire Boulevard, Suite C-220

Ontario, CA 91764

Public Information: (909) 484-0167

Fax: (909) 481-2945

Los Alamitos Administrative Office

4665 Lampson Avenue, Suite J Los Alamitos, CA 90720

Fax: (562) 799-8427

Counties: Imperial, Inyo, Mono, Riverside, San Bernardino

7. Marine Region

20 Lower Ragsdale Drive #100

Monterey, CA 93940

Public Information: (831) 649-2870

FAX: (831) 649-2894

Counties: Entire coastline from Del Norte County south to San Diego County and Channel

Islands

APPENDIX 3

Acknowledgments

The current report represents a new direction for DFG. Previous reports were disseminated as bound publications. The 2003 report is being distributed on-line on the DFG website as well as by CD to increase public awareness of the status of sensitive species in California. Many dedicated biologists contributed information and text to this report and helped prepare the document for on-line viewing. Many others kindly lent their images for use throughout the document or provided technical review. We wish to acknowledge their participation and thank them for their support and interest.

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	San Francisco garter snake	CDPR File Photo
Invertebrates	Trinity bristle snail	DFG File Photo
Fish	Mojave tui chub	DFG File Photo
Amphibians	Santa Cruz long-toed salamander	Brad Alexander
Reptiles	Desert tortoise	Mark Bratton
Birds	California condor	USFWS File Photo
Mammals	San Joaquin antelope ground squirrel	B. Moose Peterson
Plants	Baker's larkspur	Doreen Smith

Report Summary

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4	Xantus's murrelet	Debra Hamilton, DFG
5	Lyon's pentachaeta	Michael Charters
	Coast redwood forest	DFG File Photo
6	Succulent owl's-clover	John Game
	Sutter Buttes	Marc Hoshovsky, DFG
7	Morro Bay kangaroo rat	DFG File Photo
	Hermes copper	Dan Marschalek, DFG
8	Sacramento River	Wildlife Conservation Board

1. Introduction

Page	Image	Photographer
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	California red-legged frog	Gary Nafis
10	Morro Bay kangaroo rat	DFG File Photo
11	Dwarf golden star	Christopher L. Christie

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	Orange-throated whiptail	Chris Brown, USGS
	California gnatcatcher	Arnold Small, USFWS
13	Coast horned lizard	USGS File Photo
	Vermillion flycatcher	Gerald and Buff Corsi, CAS
14	California tiger salamander	Gerald and Buff Corsi, CAS
	Contra Costa goldfields	John Game
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15	Coachella Valley milkvetch	Kelly Amsberry, Oregon State University
	Desert pupfish	John Rinne

2. Planning for Conservation and Recovery

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	Coastal cactus wren	B. "Moose" Peterson
	California NCCP map	DFG File Photo
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	Otay tarplant	Coralie Cobb
18	Coachella Valley fringe-toed lizard	Sam Stewart, Bon Terra Consulting
	Oak woodland	Tom Annese
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	Beldings savannah sparrow	DFG File Photo
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	Northern California NCCP map	DFG File Photo
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	Placer County roadway	Placer County Planning Department
	Vernal pool flowers	DFG File Photo
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	Monitoring	NASA File Photo

3. Conservation Banking

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	California red-legged frog	Dong Lin, CAS
	Burrowing owl	Mark Bratton
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	Giant garter snake	USGS File Photo
	Vernal pool fairy shrimp	Larry Serpa

4. Recovery Land Acquisition Program

Page I mage

27 California dandelion

Kern primrose sphinx moth larva

Lompoc yerba santa

Photographer

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Roxanne Bittman, CNPS

5. Recovery and Conservation

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	California condor	USFWS File Photo
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	Peninsular bighorn sheep	Glenn and Martha Vargas, CAS
34	Riparian brush rabbit	Glenn Basey
	Yreka phlox	Pete Figura, DFG
35	Ventura marsh milkvetch	Mary Meyer, DFG
	Riparian brush rabbit	Heather Bell, USFWS
36	Otay tarplant	Coralie Cobb
	Yadon's piperia	John Game
37	Yreka phlox	Susan Cochrane Levitsky, DFG
	Vernal pool	Dr. Oren Pollak
	Tadpole shrimp	William Leonard
38	Alkali milkvetch	Carol Witham
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39	San Francisco lessingia	NPS File Photo
	Alameda whipsnake	Gary Nafis
	El Dorado mule-ears	Steve Tyron
40	Southwestern willow flycatcher	Steve and David Maslowski, USFWS
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	Razorback sucker	DFG File Photo

6. Invasive Species Program

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	Water hyacinth	David R. Worley,
		Florida Dept. of Environmental Protection
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	Yellow star thistle; tocalote	Jo-Ann Ordano, CAS

7. Central Valley Project Conservation Program

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Page	Image	Photographer
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	California tiger salamander	Gerald and Buff Corsi, CAS
	Cosumnes River Preserve	BLM File Photo
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	Black-necked stilt	George W. Hartwell
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	Near Chico, Butte County	USFS File Photo
	Susan River Parkway, Lassen County	WCB File Photo
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	Western trillium	Gerald and Buff Corsi, CAS
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	Hudeman Slough	ABAG File Photo
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	Bridgeport Valley	NOAA File Photo
	Sage grouse	Dr. Lloyd Glenn Ingles, CAS
55	Stephen's kangaroo rat	Karen Kirtland
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	Rancho Jamul	DFG File Photo
	Hermes copper	Dan Marschalek, DFG

Compact Disk Label

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APPENDIX 5. TERMS AND ABBREVIATIONS USED IN TEXT

This report provides information on State-listed species. Species names are followed by both the State designation (see below) and the federal designation, if any, under the Federal Endangered Species Act. State designations are essentially the same as federal designations except that "Rare" is a State designation only. A number of California species have been placed on the Federal list but are not included on the State list. Those species are shown in Appendix 1.

State and Federal Designations

State Designations

Rare

A native California plant (species, subspecies or variety) is <u>rare</u> when, although not presently threatened with extinction, it is in such small numbers throughout its range that it may become endangered if its present environment worsens (Section 1901, Fish and Game Code). Since 1985, this designation applies to plants only.

Threatened A native California bird, mammal, fish, amphibian, reptile or plant (species, subspecies or variety) is threatened when, although not presently threatened with extinction, it is likely to become an endangered species in the foreseeable future in the absence of special protection and management efforts. Any animal listed as 'rare' by the Commission on or before January 1, 1985, is now included as a 'threatened' species (Section 2067, Fish and Game Code).

Endangered

A native California bird, mammal, fish, amphibian, reptile, or plant (species, subspecies or variety) is endangered when it is in serious danger of becoming extinct throughout all, or a significant portion of its range due to one or more causes, including loss of habitat, change of habitat, over-exploitation, predation, competition or disease (Section 2062, Fish and Game Code).

Candidate

A native California species or subspecies of a bird, mammal fish, amphibian, reptile or plant is a candidate when the Fish and Game Commission has formally noticed it as being under review by the Department to determine whether listing as threatened or endangered is warranted, or when it is the subject of a proposed rulemaking by the Commission to list as threatened or endangered (Section 2068, Fish and Game Code).

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Federal Designations

Endangered Any species which is in danger of extinction throughout all or a significant portion

of its range.

Threatened Any species which is likely to become an endangered species within the

foreseeable future throughout all or a significant portion of its range.

Proposed A species that has been proposed for listing as threatened or endangered in the

Federal Register.

Candidate A species for which the U.S. Fish and Wildlife Service has on file sufficient

information to support a proposal to list the species as endangered or threatened,

but for which proposed rules have not yet been issued.

SPECIES STATUS

This report provides a statement of the current status of a species when that information is available. The statement reflects the current condition as compared to the condition of the species at the time of State listing and takes into consideration the distribution, abundance, and population health of the species.

For many species, this information is not known. Long-term monitoring of demographic trends and reproductive success, for example, has not been implemented or has been ongoing for too short a period of time to document current condition. For other species, the habitats to which they are restricted, such as cliff faces or desert springs, are not readily accessible. Some species, such as a number of annual plants, can have dramatic changes in population size and distribution in response to rainfall levels from one year to the next. Other plants may germinate in response to fire; they remain dormant as seed or vegetative parts until fire triggers germination or growth.

Terms used to describe species status are as follow:

Increasing: Since the date of State listing, the range, distribution, and/or number of

individuals have measurably increased to levels that may allow for recovery of

the species.

Stable to Increasing: Since the date of State listing, all populations are stable or increasing in total

number of individuals and the range and/or distribution is stable to increasing

in an identifiable portion of the total species range.

Stable: Since the date of State listing, enough populations of the species, over the

appropriate range for the species, have been documented to have stabilized in number and distribution so that the species is no longer in a state of decline.

Stable to Declining: Since the date of State listing, some populations have been documented to be

biologically stable, while other populations are decreasing in number and/or

distribution.

Declining: Since the date of State listing, enough populations of the species, over the

range for the species, have been documented to have decreased in number or distribution so that the biological stability of the species as a whole may be at

risk.

Extirpated: Since the date of listing, the species has been documented to be extirpated

throughout its historic range in California; all natural populations are gone. The species is thus extinct in California, though it may continue to exist

elsewhere.

Unknown: DFG does not have sufficient information to determine the current status of

the species.

ABBREVIATIONS AND TERMS USED IN THIS REPORT

ACEC Area of Critical Environmental Concern (BLM)

ACOE U.S. Army Corps of Engineers
BLM Bureau of Land Management

BOR Bureau of Reclamation

Caltrans California Department of Transportation

CCR California Code of Regulations

CDF California Department of Forestry and Fire Protection

CDFG California Department of Fish & Game

CDPR California Department of Parks & Recreation

CEQA California Environmental Quality Act
CESA California Endangered Species Act
CNPS California Native Plant Society
CSU California State University

CVPCP Central Valley Project Conservation Program
CVPI A Central Valley Project I mprovement Act
DFG California Department of Fish & Game

DOD U.S. Department of Defense

DOE Department of Energy

DPR California Department of Parks & Recreation

DWR Department of Water Resources

EBRPD East Bay Regional Parks District

EIR Environmental Impact Report

EIS Environmental Impact Statement

EPA Environmental Protection Agency

ESRP Endangered Species Recovery Program

FESA Federal Endangered Species Act

FGC Fish and Game Commission

FHA Federal Highway Administration

FWS U.S. Fish and Wildlife Service

GIS Geographic Information System

GPS Global Positioning System

GPS Global Positioning System HCP Habitat Conservation Plan

LADWP Los Angeles Department of Water and Power

MHCP Multiple Habitat Conservation Program MOU Memorandum of Understanding

MSCP Memorandum of Understanding
MSCP Multiple Species Conservation Plan

MSHCP Multiple Species Habitat Conservation Plan
NCCP Natural Community Conservation Plan
NMFS National Marine Fisheries Service

NPS National Park Service

NRCS Natural Resource Conservation Service

OHV Off-highway vehicle
PG & E Pacific Gas and Electric

SFWD San Francisco Water District

SWRCB State Water Resources Control Board

TNC The Nature Conservancy
TPL Trust for Public Land
UC University of California
USBR Bureau of Reclamation

USFS United States Forest Service
USFWS U.S. Fish and Wildlife Service
USGS United States Geological Survey
WCB Wildlife Conservation Board

WERC Western Ecological Research Center (USGS)
WHR Wildlife Habitat Relationships System (DFG)