

State of California
The Natural Resources Agency
DEPARTMENT OF FISH AND GAME
Biogeographic Data Branch
California Natural Diversity Database

**STATE & FEDERALLY LISTED ENDANGERED & THREATENED ANIMALS OF CALIFORNIA
January 2010**

This is a list of animals found within California or off the coast of the State that have been classified as Endangered or Threatened by the

California Fish & Game Commission (state list) or by the U.S. Secretary of the Interior or the U.S. Secretary of Commerce (federal list).

The official California listing of Endangered and Threatened animals is contained in the California Code of Regulations, Title 14,

Section 670.5. The official federal listing of Endangered and Threatened animals is published in the Federal Register, 50 CFR 17.11.

The California Endangered Species Act of 1970 created the categories of "Endangered" and "Rare". The California Endangered Species

Act of 1984 created the categories of "Endangered" and "Threatened". On January 1, 1985, all animal species designated as "Rare"

were reclassified as "Threatened".

Animals that are candidates for state listing and animals proposed for federal listing are also included on this list. A state candidate

species is one that the Fish and Game commission had formally noticed as being under review by the Department for addition to the

State list. A federal proposed species is one for which a proposed regulation has been published in the Federal Register.

Code Designation: Totals as of January 2010

SE = State-listed as Endangered 45

ST = State listed as Threatened 34

SR = State listed as Rare – old designation, all animals reclassified to Threatened on 1/1/85 0

FE = Federally listed as Endangered (21.5% of all U.S. listed endangered animals as of 1/07/10) 88

FT = Federally listed as Threatened (23.6% of all U.S. listed threatened animals as of 1/07/10) 39

SCE = State candidate (Endangered) 2

SCT = State Candidate (Threatened) 1

SCD = State Candidate (Delisting) 1

FPE = Federally proposed (Endangered) 1

FPT = Federally proposed (Threatened) 1

FPD = Federally proposed (Delisting) 0

Total number of animals listed (includes subspecies & population segments) 156

Total number of candidate/proposed animals for listing 5

Number of animals State listed only 30

Number of animals Federally listed only 74

Number of animals listed under both State & Federal Acts 52

Common and scientific names are shown as they appear on the state or federal lists. If the nomenclature differs for a species that is

included on both lists, the state nomenclature is given and the federal nomenclature is shown in a footnote.

Synonyms, name changes,

and other clarifying points are also footnoted.

Critical Habitat is defined in Section 3 of the federal Endangered Species Act as specific areas, both occupied and unoccupied, that is

essential to the conservation of a listed species and that may require special management considerations or protection.

Recovery Plans are discussed in Section 4 of the federal Endangered Species Act. Each plan incorporates site-specific management

actions necessary for the conservation and survival of the species.

The "List Date" for **final** federal listing and **final** Critical Habitat designation is the date the listing or designation becomes effective, this

is usually not the date of publication of the rule in the Federal Register; it is usually about 30 days after publication, but may be longer.

If a taxa that was previously listed or proposed for listing no longer has any listing status the entry has been grayed out.

For taxa that have more than one status entry, the current status is in bold and underlined.

Changes to this update of the list are denoted by *

Endangered and Threatened Animals of California

LISTING STATUS CRITICAL RECOVERY

HABITAT PLAN

Effective

List List Effective

State Date Federal Date Designation Date Version Date

2 January 2010

GASTROPODS

Trinity bristle snail

*Monadenia setosa*₁

ST₂ 10-02-80

Morro shoulderband (=banded dune) snail

Helminthoglypta walkeriana

FE 1-17-95 Final 3-09-01 Final 1998

White abalone

Haliotis sorenseni

FE 6-28-01 Final 2008

Black abalone

Haliotis cracherodii

FE 2-13-09

CRUSTACEANS

Riverside fairy shrimp

Streptocephalus woottoni

FE 8-03-93 Final₃

Proposed

Final

5-12-05

4-27-04

6-29-01

Final 1998

Conservancy fairy shrimp

Branchinecta conservatio

FE 9-19-94 Final₄

Proposed

Final

Proposed

2-10-06

12-28-04

8-06-03

9-24-02

Final 2005

Longhorn fairy shrimp

Branchinecta longiantenna

FE 9-19-94 Final

Proposed₃

Final

Proposed

2-10-06
 12-28-04
 8-06-03
 9-24-02
 Final 2005
 Vernal pool fairy shrimp
Branchinecta lynchi
 FT 9-19-94 Final
 Proposed³
 Final
 Proposed
 2-10-06
 12-28-04
 8-06-03
 9-24-02
 Final 2005
 San Diego fairy shrimp
Branchinecta sandiegoensis
 FE 2-03-97 Final
 Proposed^s
 Final
 1-11-08
 4-22-03
 10-23-00
 Final 1998
 Vernal pool tadpole shrimp
Lepidurus packardi
 FE 9-19-94 Final
 Proposed³
 Final
 Proposed
 2-10-06
 12-28-04
 8-06-03
 9-24-02
 Final 2005
 Shasta crayfish
Pacifastacus fortis
SE
 ST
 2-26-88
 10-02-80
 FE 9-30-88 Final 1998
 California freshwater shrimp
Syncaris pacifica
 SE 10-02-80 FE 10-31-88 Final 1998

INSECTS

Zayante band-winged grasshopper
Trimerotropis infantilis
 FE 2-24-97 Final 3-09-01 Final 1998

¹ Current taxonomy is *Monadenia infumata setosa*.

² On January 1, 1985, all species designated as "rare" were reclassified as "threatened", as stipulated by the California Endangered Species Act.

³ The Federal Circuit Court vacated critical habitat for the Riverside fairy shrimp on 10-30-02. The judge instructed the USFWS to begin the process of re-designating critical habitat for this species. New critical habitat was proposed 4-27-04 and finalized effective 5-12-05.

⁴ On October 28, 2004 the courts ordered the USFWS to reconsider the areas excluded from the final critical habitat designation made August 6, 2003. The December 28

2004 proposed rule is only for lands previously excluded and does not affect the areas included in the August 6, 2003 final rule. The non-economic exclusions made to the

August 6, 2003 final rule were confirmed effective March 8, 2005

⁵ Due to court order the previously designated critical habitat was vacated and the USFWS was directed to re-proposed critical habitat.

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3 January 2010

Mount Hermon June beetle

Polyphylla barbata

FE 2-24-97 Final 1998

Casey's June beetle

Dinacoma caseyi

FPE 7-09-09 Proposed 7-09-09

Delta green ground beetle

Elaphrus viridis

FT 8-08-80 Final 8-08-80 Final

Final

2006

1985

Valley elderberry longhorn beetle

Desmocerus californicus dimorphus

FT 8-08-80 Final 8-08-80 Final 1984

Ohlone tiger beetle

Cicindela ohlone

FE 10-03-01 Final 1998

Kern primrose sphinx moth

Euproserpinus euterpe

FT 4-08-80 Proposed 7-03-78 Final 1984

Mission blue butterfly

*Icaricia icarioides missionensis*⁶

FE 6-01-76 Proposed 2-08-77 Final 1984

Lotis blue butterfly

*Lycaeides argyrognomon lotis*⁷

FE 6-01-76 Proposed 2-08-77 Final 1985

Palos Verdes blue butterfly

Glaucopsyche lygdamus palosverdesensis

FE 7-02-80 Final 7-02-80 Final 1984

El Segundo blue butterfly

Euphilotes battoides allyni

FE 6-01-76 Proposed 2-08-77 Final 1998

Smith's blue butterfly

Euphilotes enoptes smithi

FE 6-01-76 Proposed 2-08-77 Final 1984

San Bruno elfin butterfly

Callophrys mossii bayensis

FE 6-01-76 Proposed 2-08-77 Final 1984

Lange's metalmark butterfly

Apodemia mormo langei

FE 6-01-76 Proposed 2-08-77 Revised 1984

Bay checkerspot butterfly

Euphydryas editha bayensis

FT 10-18-87 Final

Proposed
 Final
 9-25-08
 8-22-07
 5-30-01
 Final 1998
 Quino checkerspot
Euphydras editha quino (= *E.e.wrighti*)

FE 1-16-97 Proposeds

Final
 Proposed
 1-17-08
 5-15-02
 2-07-01

Final 2003

Carson wandering skipper
Pseudocopaeodes enus obscurus

FE 8-07-02 Final

Draft

2007

2005

Laguna Mountains skipper

Pyrgus ruralis lagunae

FE 1-16-97 Final 1-11-07

Callippe silverspot butterfly

Speyeria callippe callippe

FE 12-05-97 Proposed 3-28-80

Behren's silverspot butterfly

Speyeria zerene behrensii

FE 12-05-97 Draft 2004

Oregon silverspot butterfly⁹

Speyeria zerene hippolyta

FT 7-02-80 Final 7-02-80 Revised 2001

Myrtle's silverspot butterfly

Speyeria zerene myrteleae

FE 6-22-92 Final 1998

Delhi Sands flower-loving fly

Rhaphiomidas terminatus abdominalis

FE 9-23-93 Final 1997

⁶ Current taxonomy is *Plebejus icarioides missionensis*

⁷ Current taxonomy is *Plebejus idas lotis*

⁸ Proposed rule is to revise designated Critical Habitat

⁹ Current common name is *Hippolyta fritillary*

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Effective

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4 January 2010

FISHES

Green sturgeon – southern DPS

Acipenser medirostris

FT¹⁰ 6-06-06 Final

Proposed

11-09-09

9-08-08

Chinook salmon-Winter-run¹¹

Oncorhynchus tshawytscha

SE 9-22-89 **FE**₁₂

FE

8-29-05

2-03-94

Final 3-23-99 Draft 2009

1997

Chinook salmon-California coastal ESU¹³

Oncorhynchus tshawytscha

FT₁₄

FT₁₅

8-29-05

11-15-99

Final

Proposed

Rescinded

Final

1-02-06

12-10-04

4-30-02

2-16-00

Chinook salmon-Spring-run

Oncorhynchus tshawytscha

ST₁₆ 2-05-99 **FT**₁₇

FT₁₈

8-29-05

11-15-99

Final

Proposed

Rescinded

Final

1-02-06

12-10-04

4-30-02

2-16-00

Draft 2009

Coho salmon-Central California Coast ESU

Oncorhynchus kisutch

SE₁₉ 3-30-05 **FE**₂₀

FT₂₁

8-29-05

12-02-96

Final 6-04-99 Final

(state)

2004

Coho salmon-So. Oregon/No. Calif ESU

Oncorhynchus kisutch

ST₂₂ 3-30-05 **FT**₂₃

FT₂₄

8-29-05

6-05-97

Final 3-17-00 Final

(state)

2004

Little Kern golden trout

Oncorhynchus mykiss whitei

FT 4-13-78 Final 4-13-78 Exempt

Lahontan cutthroat trout

*Oncorhynchus clarki henshawi***FT**

FE

7-16-75

10-13-70

Final 1995

Paiute cutthroat trout

*Oncorhynchus clarki seleniris***FT**

FE

7-16-75

3-11-67²⁵

Revised

Final

2004

1985

Steelhead-Northern California ESU²⁶*Oncorhynchus mykiss***FT**²⁷

FT

2-06-06

8-07-00

Final

Proposed

1-02-06

12-10-04

¹⁰ Includes all spawning populations south of the Eel River¹¹ Federal: Sacramento River winter run Chinook salmon¹² The NMFS has completed comprehensive status reviews for 27 west coast salmon & steelhead ESUs, 10 of these in California. The 29 Aug 2005 list date refers to the

final designations made as a result of those status reviews.

¹³ ESU = Evolutionarily Significant Unit¹⁴ The NMFS has completed comprehensive status reviews for 27 west coast salmon & steelhead ESUs, 10 of these in California. The 29 Aug 2005 list date refers to the

final designations made as a result of those status reviews.

¹⁵ Naturally spawned coastal spring & fall Chinook salmon between Redwood Creek in Humboldt County & the Russian River in Sonoma County.¹⁶ State listing is for the Sacramento River drainage.¹⁷ The NMFS has completed comprehensive status reviews for 27 west coast salmon & steelhead ESUs, 10 of these in California. The 29 Aug 2005 list date refers to the

final designations made as a result of those status reviews.

¹⁸ Federal: Central Valley Spring-Run ESU. Includes populations spawning in the Sacramento River & its tributaries.¹⁹ The Coho south of San Francisco Bay were state listed in 1995; in February 2004 the Fish and Game Commission determined that the Coho from San Francisco to

Punta Gorda should also be listed as Endangered. This change was finalized by the Office of Administrative Law on March 30, 2005.

²⁰ The NMFS has completed comprehensive status reviews for 27 west coast salmon & steelhead ESUs, 10 of these in California. The 29 Aug 2005 list date refers to the

final designations made as a result of those status reviews.

²¹ The Federal listing is limited to naturally spawning populations in streams between Punta Gorda, Humboldt County & the San Lorenzo River, Santa Cruz County.²² The Fish and Game Commission determined that the Coho from Punta Gorda to the Oregon border should be listed as Threatened on February 25, 2004. This

determination was finalized by the Office of Administrative Law on March 30, 2005.

²³ The NMFS has completed comprehensive status reviews for 27 west coast salmon & steelhead ESUs, 10 of these in California. The 29 Aug 2005 list date refers to the

final designations made as a result of those status reviews.

²⁴ The Federal listing is for populations between Cape Blanco, Oregon & Punta Gorda, California.²⁵ All species with a list date of 03-11-67 were listed under the Endangered Species Preservation Act of Oct 15, 1966.²⁶ Naturally spawned populations residing below impassable barriers in coastal basins from Redwood Creek in Humboldt County to, and including, the Gualala River in

Mendocino County.

Endangered and Threatened Animals of California

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5 January 2010

Steelhead-Central California Coast ESU²⁸

Oncorhynchus mykiss

FT₂₉

FT

2-06-06

10-17-97

Final

Proposed

Rescinded

Final

1-02-06

12-10-04

4-30-02

3-17-00

Steelhead-South/Central Calif Coast ESU³⁰

Oncorhynchus mykiss

FT₃₁

FT

2-06-06

10-17-97

Final

Proposed

Rescinded

Final

1-02-06

12-10-04

4-30-02

3-17-00

Steelhead-Southern California ESU³²

Oncorhynchus mykiss

FE₃₃

FE

2-06-06

10-17-97

Final

Proposed

Rescinded

Final

1-02-06

12-10-04

4-30-02

3-17-00

Draft 2009

Steelhead-Central Valley ESU³⁴

Oncorhynchus mykiss

FT₃₅

FT

2-06-06

5-18-98
 Final
 Proposed
 Rescinded
 Final
 1-02-06
 12-10-04
 4-30-02
 3-17-00
 Draft 2009
 Bull trout
Salvelinus confluentus
 SE 10-02-80 FT 12-01-99
 Delta smelt
Hypomesus transpacificus
 SCE
ST
 1-16-09
 12-09-93
 FT 3-05-93 Final 12-19-94 Final 1996
 Longfin smelt
Spirinchus thaleichthys
ST³⁶
 SCE
 3-04-09
 2-02-08
 Eulachon – southern DPS
Thaleichthys pacificus
 FPT 3-13-09
 Mohave tui chub
Gila bicolor mohavensis
 SE 6-27-71 FE 10-13-70 Final 1984
 Owens tui chub
Gila bicolor snyderi
 SE 1-10-74 FE 8-05-85 Final 8-05-85 Final 1998
 Cowhead Lake tui chub
Gila bicolor vaccaiceps
 withdrawn
 FPE
 10-11-06
 3-30-98
 Tecopa pupfish (**Extinct**)
Cyprinodon nevadensis calidae
 delisted
 SE
 1987
 6-27-71
 delisted
 FE
 1-15-82
 10-13-70
 Bonytail³⁷
Gila elegans
SE
 SR
 1-10-74
 6-27-71

FE 4-23-80 Final 3-21-94 Revised

Revised

2002

1990

27 The NMFS has completed comprehensive status reviews for 27 west coast salmon & steelhead ESUs. The 6 Feb 2006 list date refers to the final designations made as a result of those status reviews. There was no change in listing status for the steelhead ESUs in California.

28 Coastal basins from the Russian River, south to Soquel Creek, inclusive. Includes the San Francisco & San Pablo Bay basins, but excludes the Sacramento-San Joaquin River basins.

29 The NMFS has completed comprehensive status reviews for 27 west coast salmon & steelhead ESUs. The 6 Feb 2006 list date refers to the final designations made as a result of those status reviews. There was no change in listing status for the steelhead ESUs in California.

30 Coastal basins from the Pajaro River south to, but not including, the Santa Maria River.

31 The NMFS has completed comprehensive status reviews for 27 west coast salmon & steelhead ESUs. The 6 Feb 2006 list date refers to the final designations made as a result of those status reviews. There was no change in listing status for the steelhead ESUs in California.

32 Coastal basins from the Santa Maria River (inclusive), south to the U.S.-Mexico Border.

33 The NMFS has completed comprehensive status reviews for 27 west coast salmon & steelhead ESUs. The 6 Feb 2006 list date refers to the final designations made as a result of those status reviews. There was no change in listing status for the steelhead ESUs in California.

34 The Sacramento and San Joaquin Rivers and their tributaries.

35 The NMFS has completed comprehensive status reviews for 27 west coast salmon & steelhead ESUs. The 6 Feb 2006 list date refers to the final designations made as a result of those status reviews. There was no change in listing status for the steelhead ESUs in California.

36 The Fish and Game Commission made a finding that the petitioned action to list the longfin smelt as threatened is warranted. This determination still needs to be finalized by the Office of Administrative Law.

37 Federal: Bonytail chub

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6 January 2010

Sacramento splittail

Pogonichthys macrolepidotus

deleted³⁸

FT

9-22-03

3-10-99

Colorado squawfish³⁹

Ptychocheilus lucius

SE 6-27-71 FE 3-11-67 Final 3-21-94 Revised

Revised

2002

1991

Lost River sucker

Deltistes luxatus

SE

SR

1-10-74

6-27-67

FE 7-18-88 Proposed 12-01-94 Final 1993

Modoc sucker

Catostomus microps

SE

SR

10-02-80

1-10-74
 FE 6-11-85 Final 6-11-85 Exempt
 Santa Ana sucker
Catostomus santaanae
 FT⁴⁰ 5-12-00 *Proposed
 (revised)
 Final
 12-09-09
 2-03-05
 Shortnose sucker
Chasmistes brevirostris
SE
SR
 1-10-74
 6-27-71
 FE 7-18-88 Proposed 12-01-94 Final 1993
 Razorback sucker
Xyrauchen texanus
SE
SR
 1-10-74
 6-27-71
 FE 10-23-91 Final 3-21-94 Revised
 Final
 2002
 1998
 Desert pupfish
Cyprinodon macularius
 SE 10-02-80 FE 3-31-86 Final 3-31-86 Final 1993
 Cottonball Marsh pupfish
Cyprinodon salinus milleri
 ST 1-10-74
 Owens pupfish
Cyprinodon radiosus
 SE 6-27-71 FE 3-11-67 Final 1998
 Thicktail chub (**Extinct**)
Gila crassicauda
 delisted
SE
 10-02-80
 1-10-74
 Unarmored threespine stickleback
Gasterosteus aculeatus williamsoni
 SE 6-27-71 FE 10-13-70 Designati
 on should
 not be
 made ⁴¹
 Proposed
 9-17-02
 11-17-80
 Final 1985
 Tidewater goby
Eucyclogobius newberryi
 Withdrawn
 FPD⁴²
FE
 12-09-02

6-24-99

2-04-94

Final

Proposed

Final

3-03-08

11-28-06

11-20-00

Final 2005

Rough sculpin

Cottus asperrimus

ST 1-10-74

AMPHIBIANS

California tiger salamander (central valley

DPS)

*Ambystoma californiense*SCE⁴³ 2-10-09 FT⁴⁴ 9-03-04 Final⁴⁵

Proposed

⁴⁶

9-22-05

8-10-04

³⁸ On 23 June 2000, the Federal Eastern District Court of Calif. found the final rule to be unlawful and on 22 Sept 2000 remanded the determination back to the USFWS

for a reevaluation of the final decision. After a thorough review the USFWS removed the Sacramento splittail from the list of threatened species.

³⁹ Current nomenclature and federal listing: Colorado pikeminnow

⁴⁰ Populations in the Los Angeles, San Gabriel and Santa Ana River basins.

⁴¹ Full explanation of this situation is given in the Federal Register notice.

⁴² Proposal to delist refers to populations north of Orange County only.

⁴³ The state listing refers to the entire range of the species.

⁴⁴ In 2004 the California tiger salamander was listed as "threatened" statewide. The Santa Barbara County and Sonoma County Distinct Vertebrate Population Segments

(DPS), formerly listed as "endangered", were reclassified to "threatened". On Aug 19 2005 U.S. District court vacated the downlisting of the Sonoma and Santa Barbara

populations from "endangered" to "threatened". Therefore, the Sonoma & Santa Barbara populations are once again listed as "endangered"

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7 January 2010

California tiger salamander (Santa Barbara

County DPS)

Ambystoma californiense(SCE) FE 44 9-15-00 Final⁴⁷ 11-24-04

California tiger salamander (Sonoma

County DPS)

Ambystoma californiense

(SCE) FE 44 3-19-03 Proposed

⁴⁸

8-18-09

8-02-05

Santa Cruz long-toed salamander

Ambystoma macrodactylum croceum

SE 6-27-71 FE 3-11-67 Proposed 6-22-78 Draft 1999

Siskiyou Mountains salamander

Plethodon stormi

SCD

ST

9-30-05

6-27-71

Scott Bar salamander

Plethodon asupak

ST⁴⁹ 6-27-71

Techachapi slender salamander

Batrachoseps stebbinsi

ST 6-27-71

Kern Canyon slender salamander

Batrachoseps simatus

ST 6-27-71

Desert slender salamander

*Batrachoseps aridus*⁵⁰

SE 6-27-71 FE 6-04-73 Final 1982

Shasta salamander

Hydromantes shastae

ST 6-27-71

Limestone salamander

Hydromantes brunus

ST 6-27-71

Black toad

*Bufo exsul*⁵¹

ST 6-27-71

Arroyo toad⁵²

*Bufo californicus*⁵³

FE 1-17-95 *Proposed

(Revised)

Final

Proposed

⁵⁴

Final

10-13-05

5-13-05

2-14-05

4-27-04

3-09-01

Final 1999

California red-legged frog⁵⁵

Rana aurora draytonii

FT 5-20-96 Proposed

⁵⁶

Finals⁵⁷

9-16-08

4-12-01

Final 2002

Mountain yellow-legged frog – Southern

California DPS⁵⁸⁵⁹

Rana muscosa

FE 8-01-02 Final

Proposed

10-16-06

9-13-05

⁴⁵ Final rule published Aug 23, 2005 is for the central valley population only.

⁴⁶ Critical Habitat proposal published Aug 10, 2004 is for the central valley population only.

⁴⁷ Final rule published Nov 24, 2004 is for the Santa Barbara County population only.

⁴⁸ Proposed rule published Aug 2, 2005 is for the Sonoma County population only. The proposed rule published Aug 18, 2009 encompasses the same geographic area as the Aug 2, 2005 proposal.

49 Since this newly described species was formerly considered to be a subpopulation of *Plethodon stormi*, and since *Plethodon stormi* is listed a Threatened under the California Endangered Species Act (CESA), *Plethodon asupak* retains the designation as a Threatened species under CESA.

50 Current taxonomy: *Batrachoseps major aridus*.

51 Current taxonomy: *Anaxyrus exsul*

52 Former taxonomy: *Bufo microscaphus californicus*.

53 Current taxonomy: *Anaxyrus californicus*

54 The Federal Circuit Court vacated critical habitat for the Arroyo toad on 10-30-02. The judge instructed the USFWS to begin the process of re-designating critical habitat for this species. New critical habitat was first proposed on 4-27-04 and proposed with revisions on 2-14-05. A new final rule became effective 5-13-05.

55 Current taxonomy: *Rana draytoni*

56 Proposed rule is for revised Critical Habitat boundaries

57 Due to legal action on 6 Nov 2002, most of the Critical Habitat units have been vacated. Only unit 5 (Tuolumne & Mariposa Cos) and unit 31 (Los Angeles Co)

remain. The USFWS plans to propose new Critical Habitat in 2004.

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REPTILES

Desert tortoise

Gopherus agassizii

ST 8-03-89 FT 4-02-90 Final 2-08-94 *Draft

Revised

Final

2008

1994

Green sea turtle

Chelonia mydas

FT

FE

7-28-78

10-13-70

Final 3-23-99 Revised 1998

Loggerhead sea turtle

Caretta caretta

FT 7-28-78 Proposed 3-19-80 Revised 1998

Olive (=Pacific) Ridley sea turtle

Lepidochelys olivacea

FT 7-28-78 Proposed 3-19-80 Revised 1998

Leatherback sea turtle

Dermochelys coriacea

FE 6-02-70 *Proposed

(Revised)

Final

1-05-10

3-23-99

Revised 1998

Barefoot banded gecko⁶⁰

Coleonyx switaki

ST 10-02-80

Coachella Valley fringe-toed lizard

Uma inornata

SE 10-02-80 FT 9-25-80 Final 9-25-80 Final 1985

Blunt-nosed leopard lizard

*Gambelia silus*⁶¹

SE 6-27-71 FE 3-11-67 Final 1998

Flat-tailed horned lizard

Phrynosoma mcallii

Withdrawn⁶²

FPT⁶³

6-28-06

11-29-93

Island night lizard

Xantusia riversiana

FT 8-11-77 Final 1984

Southern rubber boa

*Charina bottae umbratica*⁶⁴

ST 6-27-71

Alameda whipsnake

Masticophis lateralis euryxanthus

ST 6-27-71 FT 12-05-97 Final

Proposed

⁶⁵

Vacated⁶⁶

Final

11-01-06

10-18-05

5-09-03

10-03-00

Draft 2003

San Francisco garter snake

Thamnophis sirtalis tetrataenia

SE 6-27-71 FE 3-11-67 Final 1985

Giant garter snake

*Thamnophis couchi gigas*⁶⁷

ST 6-27-71 FT 10-20-93 Draft 1999

⁵⁸ Federal listing refers to the distinct population segment (DPS) in the San Gabriel, San Jacinto & San Bernardino Mountains only.

⁵⁹ The current common name for this species is Sierra Madre yellow-legged frog.

⁶⁰ Current nomenclature: Barefoot gecko.

⁶¹ Current taxonomy: *Gambelia sila* is the scientific name and bluntnose leopard lizard is the common name

⁶² On June 28, 2006 the USFWS determined that the proposed listing was not warranted and the proposed rule that had been reinstated on Nov 17, 2005 was withdrawn.

⁶³ On November 17, 2005, the U. S. District Court for the District of Arizona vacated the January 3, 2003 withdrawal of the proposed rule to list the flat-tailed horned

lizard and reinstated the 1993 proposed rule.

⁶⁴ Current taxonomy: *Charina umbratica*.

⁶⁵ The proposed rule redesignates Critical Habitat that was vacated in 2003.

⁶⁶ Due to legal action on 9 May 2003, the Critical Habitat designation has been completely vacated; there is currently no Critical Habitat for Alameda whipsnake.

⁶⁷ Current taxonomy and Federal listing: *Thamnophis gigas*.

Endangered and Threatened Animals of California

LISTING STATUS CRITICAL RECOVERY

HABITAT PLAN

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State Date Federal Date Designation Date Version Date

9 January 2010

BIRDS

Short-tailed albatross

Phoebastria albatrus

FE 8-30-00 Final 2009

California brown pelican⁶⁸ (**Recovered**)

Pelecanus occidentalis californicus

delisted

SE

6-03-09

6-27-71

***delisted**

FE

12-17-09

2-20-08

10-13-70

Final 1983

Aleutian Canada goose (**Recovered**)*Branta canadensis leucopareia*⁶⁹**delisted**

FT

FE

3-20-01

12-12-90

3-11-67

Final 1991

California condor

Gymnogyps californianus

SE 6-27-71 FE 3-11-67 Final 9-22-77 Revised 1996

Bald eagle

*Haliaeetus leucocephalus***SE(rev)**

SE

10-02-80

6-27-71

delisted⁷⁰

FT

FE(rev)

FE

8-08-07

7-06-99

8-11-95

2-14-78

3-11-67

Final 1982

Swainson's hawk

Buteo swainsoni

ST 4-17-83

American peregrine falcon (**Recovered**)*Falco peregrinus anatum***delisted**

SE

11-04-09

6-27-71

delisted

FE

8-25-99

6-02-70

Final 9-22-77 Final 1982

Arctic peregrine falcon (**Recovered**)*Falco peregrinus tundrius***delisted**

FT

FE
 10-05-94
 3-20-84
 6-02-70
 California black rail
Laterallus jamaicensis coturniculus
 ST 6-27-71
 California clapper rail
Rallus longirostris obsoletus
 SE 6-27-71 FE 10-13-70 Final 1984
 Light-footed clapper rail
Rallus longirostris levipes
 SE 6-27-71 FE 10-13-70 Revised
 Final
 1985
 1979
 Yuma clapper rail
Rallus longirostris yumanensis
ST
 SE
 2-22-78
 6-27-71
 FE 3-11-67 Final 1983
 Greater sandhill crane
Grus Canadensis tabida
 ST 4-17-83 Draft
 (state)
 Western snowy plover⁷¹
Charadrius alexandrinus nivosus
 FT 4-05-93 Final
 Proposed
 Final
 10-31-05
 8-16-05
 12-07-99⁷²
 Final
 Draft
 2007
 2001
 California least tern
Sterna antillarum browni
 SE 6-27-71 FE 10-13-70 Revised
 Final
 1985
 1980
 Marbled murrelet
*Brachyramphus marmoratus*⁷³
 SE 3-12-92 FT 9-30-92 Proposed
⁷⁴
 Final
 7-31-08
 5-24-96
 Final 1997

⁶⁸ Federal: Brown pelican, *Pelecanus occidentalis*.

⁶⁹ Current taxonomy: *Branta hutchinsii leucopareia*, and common name is now cackling goose.

⁷⁰ The Post-delisting Monitoring Plan will monitor the status of the bald eagle over a 20 year period with sampling events held once every 5 years.

⁷¹ Federal status applies only to the Pacific coastal population.

⁷² The Dec 7, 1999 designation was remanded & partially vacated by the US District Court for the District of Oregon on July 2, 2003.

⁷³ Federal: *Brachyramphus marmoratus marmoratus* with a proposal (7-31-08) to change the name to *Brachyramphus marmoratus*.

⁷⁴ Proposed rule to revise the previously designated Critical Habitat.

Endangered and Threatened Animals of California

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10 January 2010

Xantus's murrelet

Synthliboramphus hypoleucus

ST⁷⁵ 12-22-04

Western yellow-billed cuckoo

Coccyzus americanus occidentalis

SE

ST

3-26-88

6-27-71

Elf owl

Micrathene whitneyi

SE 10-02-80

Northern spotted owl

Strix occidentalis caurina

FT 6-22-90 Final

Proposed

Final

9-12-08

6-17-07

1-15-92

*Final

Draft

2008

2007

Great gray owl

Strix nebulosa

SE 10-02-80

Gila woodpecker

Melanerpes uropygialis

SE 3-17-88

Gilded northern flicker⁷⁶

Colaptes auratus chrysoides

SE 3-17-88

Willow flycatcher

Empidonax traillii

SE⁷⁷ 1-02-91

Southwestern willow flycatcher

Empidonax traillii extimus

(SE) FE 3-29-95 Final

Proposed

Final⁷⁸

11-18-05

10-12-04

7-22-97

Final 2002

Bank swallow

Riparia riparia
ST 6-11-89 Final
(state)
1993

Coastal California gnatcatcher
Poliophtila californica californica
FT 3-30-93 Final
Proposed
79
Final
1-18-08
4-24-03
10-24-00
Exempt

San Clemente loggerhead shrike
Lanius ludovicianus mearnsi
FE 8-11-77 Final 1984

Arizona Bell's vireo
Vireo bellii arizonae
SE 3-17-88

Least Bell's vireo
Vireo bellii pusillus
SE 10-02-80 FE 5-02-86 Final 2-02-94 Draft 1998

Inyo California towhees⁸⁰
Pipilo crissalis eremophilus
SE 10-02-80 FT 8-03-87 Final 8-03-87 Final 1998

San Clemente sage sparrow
Amphispiza belli clementeae
FT 8-11-77 Final 1984

Belding's savannah sparrow
Passerculus sandwichensis beldingi
SE 1-10-74

Santa Barbara song sparrow (**Extinct**)
Melospiza melodia graminea

delisted
FE
10-12-83
6-04-73

⁷⁵ The Fish and Game Commission determined that Xantus's murrelet should be listed as a Threatened species February 24, 2004. As part of the normal listing process,

this decision was reviewed by the Office of Administrative Law. The listing became effective on Dec 22, 2004.

⁷⁶ Current taxonomy: Gilded flicker (*Colaptes chrysoides*).

⁷⁷ State listing includes all subspecies.

⁷⁸ On May 11, 2001 the 10th Circuit Court of Appeals vacated the previously designated Critical Habitat

⁷⁹ Due to court order the previously designated critical habitat was vacated and the USFWS was directed to re-propose critical habitat.

⁸⁰ Federal: Inyo California (=brown) towhee.

Endangered and Threatened Animals of California

LISTING STATUS CRITICAL RECOVERY

HABITAT PLAN

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11 January 2010

MAMMALS

Buena Vista Lake shrew

Sorex ornatus relictus

FE⁸¹ 4-05-02 Final

Proposed

2-23-05
 8-19-04
 Final 1998
 Lesser long-nosed bat
Leptonycteris yerbabuenae
 FE 10-31-88 Final 1997
 Riparian brush rabbit
Sylvilagus bachmani riparius
 SE 5-29-94 FE 3-24-00 Final 1998
 Point Arena mountain beaver
Aplodontia rufa nigra
 FE 12-12-91 Final 1998
 San Joaquin antelope squirrel^{s2}
Ammospermophilus nelsoni
 ST 10-02-80
 Mohave ground squirrel^{s3}
Spermophilus mohavensis
 ST 6-27-71
 Pacific pocket mouse
Perognathus longimembris pacificus
 FE 9-26-94 Final 1998
 Morro Bay kangaroo rat
Dipodomys heermanni morroensis
 SE 6-27-71 FE 10-13-70 Final 8-11-77 Draft
 revision
 Final
 2000
 1982
 Giant kangaroo rat
Dipodomys ingens
 SE 10-02-80 FE 1-05-87 Final 1998
 Stephens' kangaroo rat
Dipodomys stephensis^{s4}
 ST 6-27-71 FE 9-30-88
 San Bernardino kangaroo rat
Dipodomys merriami parvus
 FE^{s5} 9-24-98 Final^{s6}
 Final
 11-17-08
 5-23-02
 Tipton kangaroo rat
Dipodomys nitratoides nitratoides
 SE 6-11-89 FE 7-08-88 Final 1998
 Fresno kangaroo rat
Dipodomys nitratoides exilis
SE
SR
 10-02-80
 6-27-71
 FE 3-01-85 Final 1-30-85 Final 1998
 Salt-marsh harvest mouse
Reithrodontomys raviventris
 SE 6-27-71 FE 10-13-70 Final 1984
 Amargosa vole
Microtus californicus scirpensis
 SE 10-02-80 FE 11-15-84 Final 11-15-84 Final 1997

Riparian woodrat

Neotoma fuscipes riparia

FE⁸⁷ 3-24-00 Final 1998

Sierra Nevada red fox

Vulpes vulpes necator

ST 10-02-80

San Joaquin kit fox

Vulpes macrotis mutica

ST 6-27-71 FE 3-11-67 Final 1998

Island fox

Urocyon littoralis

ST⁸⁸ 6-27-71

San Miguel Island Fox

Urocyon littoralis littoralis

(ST) FE 4-05-04 Final⁸⁹

(none)

Proposed

⁹⁰

12-09-05

10-07-04

⁸¹ Federal: Buena Vista Lake ornate shrew

⁸² Current taxonomy: Nelson's antelope squirrel

⁸³ Current taxonomy: *Xerospermophilus mohavensis*

⁸⁴ Federal: includes *Dipodomys cascus*.

⁸⁵ Federal: San Bernardino Merriam's kangaroo rat

⁸⁶ This final revised designation constitutes a reduction of approximately 25,516 acres from the 2002 designation of Critical Habitat.

⁸⁷ Federal: Riparian (=San Joaquin Valley) woodrat

⁸⁸ State listing includes all 6 subspecies on all 6 islands. Federal listing is for only 4 subspecies on 4 islands

Endangered and Threatened Animals of California

LISTING STATUS CRITICAL RECOVERY

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12 January 2010

Santa Rosa Island Fox

Urocyon littoralis santarosa

(ST) FE 4-05-04 Final 89

(none)

Proposed

⁹⁰

12-09-05

10-07-04

Santa Cruz Island Fox

Urocyon littoralis santacruzae

(ST) FE 4-05-04 Final 89

(none)

Proposed

⁹⁰

12-09-05

10-07-04

Santa Catalina Island Fox

Urocyon littoralis catalinae

(ST) FE 4-05-04 Final 89

(none)

Proposed

⁹⁰

12-09-05

10-07-04

Guadalupe fur seal
Arctocephalus townsendi
 ST 6-27-71 **FT**
 FE
 1-15-86
 3-11-67
 Draft
 (revised)
 2007
 Stellar (=northern) sea lion
Eumetopias jubatus
 FT 4-05-90 Final 3-23-99 Revised
 Final
 2008
 1992
 Wolverine
Gulo gulo
 ST 6-27-71
 Southern sea otter
Enhydra lutris nereis
 FT 1-14-77 Revised
 Final
 2003
 1981
 Pacific fisher
Martes pennanti(pacifica) DPS
 SCT
 or
 SCE⁹¹
 Gray whale (**Recovered**)
Eschrichtius robustus
 delisted
 FE
 6-15-94
 6-02-70
 Sei whale
Balaenoptera borealis
 FE 6-02-70
 Blue whale
Balaenoptera musculus
 FE 6-02-70 Final 1998
 Fin whale
Balaenoptera physalus
 FE 6-02-70 Draft 2006
 Humpback whale⁹²
Megaptera novaeangliae
 FE 6-02-70 Final 1991
 Right whale⁹³
*Eubalaena japonica*⁹⁴
 FE 6-02-70 Final 1991
 Sperm whale
Physeter macrocephalus
 FE 6-02-70 Draft 2006
 Killer whale (Southern resident DPS)
Orcinus orca
 FE⁹⁵

FE

4-04-07

2-16-06

12-22-04

Final 2008

California (=Sierra Nevada) bighorn sheep

*Ovis canadensis californiana*⁹⁶**SE**

ST

8-27-99

6-27-71

FE 1-03-00 Final

Proposed

9-04-08

7-25-07

*Final

Draft

2008

2003

⁸⁹ The USFWS did not find any habitat on the 4 islands occupied by the foxes that meets the definition of Critical Habitat under the Act. Therefore, the final rule does not designate any Critical Habitat

⁹⁰ The USFWS did not find any habitat on the 4 islands occupied by the foxes that meets the definition of Critical Habitat under the Act. Therefore, the proposal is that zero Critical Habitat be designated.

⁹¹ The Fish and Game Commission notice of finding states that the Pacific fisher is a candidate for listing as either an endangered or a threatened species.

⁹² Also known as Hump-backed whale.

⁹³ Also known as Black right whale.

⁹⁴ The scientific name was clarified in the Federal Register Vol. 68, No. 69 April 10, 2003.

⁹⁵ The killer whale was listed as endangered by the NMFS on Feb 16, 2006 and by the USFWS on Apr 4, 2007.

⁹⁶ Current & Federal taxonomy: Sierra Nevada bighorn sheep (*Ovis canadensis sierrae*)

Endangered and Threatened Animals of California

LISTING STATUS CRITICAL RECOVERY

HABITAT PLAN

Effective

List List Effective

State Date Federal Date Designation Date Version Date

13 January 2010

Peninsular bighorn sheep DPS⁹⁷

Ovis canadensis cremnobates

ST 6-27-71 FE 3-18-98 Final

Proposed

(Revised)

Final

5-14-09

10-10-07

3-05-01

Final 2000

⁹⁷ Current taxonomy: the subspecies *O.c. cremnobates* has been synonymized with *O.c. nelsoni*. Peninsular bighorn sheep are now considered to be a Distinct Vertebrate Population Segment (DPS).

State of California
The Resources Agency
DEPARTMENT OF FISH AND GAME
Resource Management and Planning Division
Biogeographic Data Branch

California Natural Diversity Database
STATE AND FEDERALLY LISTED
ENDANGERED, THREATENED, AND RARE PLANTS OF CALIFORNIA
April 2010

Designations and Subtotals for each Designation:

Designations: Subtotals:

SE State-listed endangered 134

ST State-listed threatened 22

SR State-listed rare 64

SC State candidate for listing 0

FE Federally listed endangered 139

FT Federally listed threatened 47

FPE Federally proposed endangered 0

FPT Federally proposed threatened 0

Both State and Federally listed 125

State listing is pursuant to §1904 (Native Plant Protection Act of 1977) and §2074.2 and §2075.5 (California

Endangered Species Act of 1984) of the Fish and Game Code, relating to listing of Endangered, Threatened

and Rare species of plants and animals. Federal listing is pursuant with the Federal Endangered Species Act

of 1973, as amended. For information regarding plant conservation, contact the Habitat Conservation

Planning Branch, 1416 Ninth Street, Sacramento, CA 95814, phone (916) 653-9767, or the nearest

Department of Fish and Game office. For information on this list, contact CNDDDB's Information Services

at (916) 324-3812. Scientific and common names for State-listed plants are listed in Title 14, §670.2.

Scientific or common names in parentheses are the most scientifically accepted nomenclature but have yet to

be officially adopted into the California Code of Regulations, Title 14, Division 1, §670.2.

State Designated Plants Classification

State List Date Federal List Date

Acanthomintha duttonii

San Mateo thorn-mint

SE Jul 1979 FE Sep 18,1985

Acanthomintha ilicifolia

San Diego thorn-mint

SE Jan 1982 FT Oct 13,1998

Agrostis blasdalei var. *marinensis* (= *Agrostis blasdalei*)

Marin bent grass

Delisted

April 2008.

Allium munzii

Munz's onion

ST Jan 1990 FE Oct 13,1998

Allium yosemitense

Yosemite onion SR Jul 1982

2

State Designated Plants Classification

State List Date Federal List Date

Alopecurus aequalis var. *sonomensis*

Sonoma alopecurus

FE Oct 22,1997

Ambrosia pumila

San Diego ambrosia

FE July 2, 2002

Amsinckia grandiflora

large-flowered fiddleneck

SE Apr 1982 FE May 08,1985

Arabis hoffmannii

Hoffmann's rock cress

FE Jul 31,1997

Arabis macdonaldiana

McDonald's rock cress

SE Jul 1979 FE Sep 28,1978

Arctostaphylos bakeri (= *A. b. ssp. bakeri* and *A. b. ssp. sublaevis*)

Baker's manzanita

SR Sep 1979

Arctostaphylos confertiflora

Santa Rosa Island manzanita

FE Jul 31,1997

Arctostaphylos densiflora

Vine Hill manzanita

SE Aug 1981

Arctostaphylos edmundsii var. *parvifolia*

Hanging Gardens manzanita

Delisted

April 2008

Arctostaphylos glandulosa ssp. *crassifolia*

Del Mar manzanita

FE Oct 07,1996

Arctostaphylos hookeri ssp. *hearstiorum*

Hearst's manzanita

SE Sep 1979

Arctostaphylos hookeri ssp. *ravenii*

Presidio manzanita

SE Nov 1978 FE Oct 26,1979

Arctostaphylos imbricata

San Bruno Mountain manzanita

SE Sep 1979

Arctostaphylos morroensis

Morro manzanita

FT Dec 15,1994

Arctostaphylos myrtifolia

Ione manzanita

FT May 26,1999

Arctostaphylos pacifica

Pacific manzanita

SE Sep 1979

Arctostaphylos pallida

pallid manzanita

SE Nov 1979 FT Apr 22,1998

Arenaria paludicola

marsh sandwort

SE Feb 1990 FE Aug 03,1993

Arenaria ursina

Big Bear Valley sandwort

FT Sep 14,1998

Astragalus agnicidus

Humboldt milk-vetch

SE Apr 1982

Astragalus albens

Cushenbury milk-vetch

FE Aug 24,1994

3

State Designated Plants Classification

State List Date Federal List Date

Astragalus brauntonii

Braunton's milk-vetch

FE Jan 29,1997

Astragalus claranus (= *A. clarianus*)

Clara Hunt's milk-vetch

ST Jan 1990 FE Oct 22,1997

Astragalus jaegerianus

Lane Mountain milk-vetch

FE Oct 06,1998

Astragalus johannis-howellii

Long Valley milk-vetch

SR Jul 1982

Astragalus lentiginosus var. *coachellae*
Coachella Valley milk-vetch
FE Oct 06,1998

Astragalus lentiginosus var. *piscinensis*
Fish Slough milk-vetch
FT Oct 06,1998

Astragalus lentiginosus var. *sesquimetralis*
Sodaville milk-vetch
SE Sep 1979

Astragalus magdalenae var. *peirsonii*
Peirson's milk-vetch
SE Nov 1979 FT Oct 06,1998

Astragalus monoensis (= *A. monoensis* var. *monoensis*)
Mono milk-vetch
SR Jul 1982

Astragalus pycnostachyus var. *lanosissimus*
Ventura Marsh milk-vetch
SE Apr 2000 FE May 21,2001

Astragalus tener var. *titi*
coastal dunes milk-vetch
SE Feb 1982 FE Aug 12,1998

Astragalus traskiae
Trask's milk-vetch
SR Nov 1979

Astragalus tricarinatus
triple-ribbed milk-vetch
FE Oct 06,1998

Atriplex coronata var. *notatior*
San Jacinto Valley crowscale
FE Oct 13,1998

Atriplex tularensis
Bakersfield smallscale
SE Jan 1987

Baccharis vanessae
Encinitas baccharis
SE Jan 1987 FT Oct 07,1996

Bensoniella oregona
bensoniella
SR Jul 1982

Berberis nevinii
Nevin's barberry
SE Jan 1987 FE Oct 13,1998

Berberis pinnata ssp. *insularis*
island barberry
SE Nov 1979 FE Jul 31,1997

Blennosperma bakeri

Sonoma sunshine
 SE Feb 1992 FE Dec 02,1991
Blennosperma nanum var. *robustum*
 Point Reyes blennosperma
 SR Nov 1978
Bloomeria humilis
 dwarf goldenstar
 SR Nov 1978
Brodiaea coronaria ssp. *rosea*
 Indian Valley brodiaea
 SE Sep 1979

4

State Designated Plants Classification
State List Date Federal List Date

Brodiaea filifolia
 thread-leaved brodiaea
 SE Jan 1982 FT Oct 13,1998
Brodiaea insignis
 Kaweah brodiaea
 SE Nov 1979
Brodiaea pallida
 Chinese Camp brodiaea
 SE Nov 1978 FT Sep 14,1998
Calamagrostis foliosa
 leafy reed grass
 SR Nov 1979
Calochortus dunnii
 Dunn's mariposa lily
 SR Nov 1979
Calochortus persistens
 Siskiyou mariposa lily
 SR Jul 1982
Calochortus tiburonensis
 Tiburon mariposa lily
 ST May 1987 FT Feb 03,1995
Calyptidium pulchellum
 Mariposa pussypaws
 FT Sep 14,1998
Calystegia stebbinsii
 Stebbins's morning-glory
 SE Aug 1981 FE Oct 18,1996
Camissonia benitensis
 San Benito evening-primrose
 FT Feb 12,1985
Carex albida
 white sedge

SE Nov 1979 FE Oct 22,1997

Carex tompkinsii

Tompkins's sedge

SR Nov 1979

Carpenteria californica

tree-anemone

ST Jan 1990

Castilleja affinis ssp. *neglecta*

Tiburon Indian paintbrush

ST Jan 1990 FE Feb 03, 1995

Castilleja campestris ssp. *succulenta*

succulent owl's-clover

SE Sep 1979 FT Mar 26,1997

Castilleja cinerea

ash-gray Indian paintbrush

FT Sep 14,1998

Castilleja gleasonii

Mt. Gleason Indian paintbrush

SR Jul 1982

Castilleja grisea

San Clemente Island Indian paintbrush

SE Apr 1982 FE Aug 11,1977

5

State Designated Plants Classification

State List Date Federal List Date

Castilleja mollis

soft-leaved Indian paintbrush

FE Jul 31,1997

Castilleja uliginosa

Pitkin Marsh Indian paintbrush

SE Nov 1978

Caulanthus californicus

California jewel-flower

SE Jan 1987 FE Jul 19,1990

Caulanthus stenocarpus

slender-pod jewel-flower

Delisted

April 2008

Ceanothus ferrisae

coyote ceanothus

FE Feb 03,1995

Ceanothus hearstiorum

Hearst's ceanothus

SR Aug 1981

Ceanothus maritimus

maritime ceanothus

SR Nov 1978

Ceanothus masonii

Mason's ceanothus

SR Nov 1978

Ceanothus ophiochilus

Vail Lake ceanothus

SE Jan 1994 FT Oct 13,1998

Ceanothus roderickii

Pine Hill ceanothus

SR Jul 1982 FE Oct 18,1996

Cercocarpus traskiae

Catalina Island mountain-mahogany

SE Apr 1982 FE Aug 08,1997

Chamaesyce hooveri

Hoover's spurge

FT Mar 26,1997

Chlorogalum purpureum var. *purpureum*¹

purple amole

FT Mar 20,2000

Chlorogalum purpureum var. *reductum*²

Camatta Canyon amole

SR Nov 1978 FT Mar 20,2000

Chorizanthe howellii

Howell's spineflower

ST Jan 1987 FE Jun 22,1992

Chorizanthe orcuttiana

Orcutt's spineflower

SE Nov 1979 FE Oct 07,1996

¹ The U.S. Fish & Wildlife Service listed the entire species, *Chlorogalum purpureum*.

² The U.S. Fish & Wildlife Service listed the entire species, *Chlorogalum purpureum*.

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State Designated Plants Classification

State List Date Federal List Date

Chorizanthe parryi var. *fernandina*

San Fernando Valley spineflower

SE Aug 2001

Chorizanthe pungens var. *hartwegiana*

Ben Lomond spineflower

FE Feb 04,1994

Chorizanthe pungens var. *pungens*

Monterey spineflower

FT Feb 04,1994

Chorizanthe robusta (includes vars. *hartwegii* and *robusta*)

robust spineflower

FE Feb 04,1994

Chorizanthe valida

Sonoma spineflower

SE Jan 1990 FE Jun 22,1992

Cirsium ciliolatum

Ashland thistle

SE Sep 1982

Cirsium fontinale var. *fontinale*

fountain thistle SE Jul 1979 FE Feb 03,1995

Cirsium fontinale var. *obispoense*

Chorro Creek bog thistle

SE Jun 1993 FE Dec 15,1994

Cirsium hydrophilum var. *hydrophilum*

Suisun thistle

FE Nov 20,1997

Cirsium loncholepis

La Graciosa thistle ST Feb 1990 FE Mar 20,2000

Cirsium rhotophilum

surf thistle

ST Feb 1990

Clarkia franciscana

Presidio clarkia

SE Nov 1978 FE Feb 03,1995

Clarkia imbricata

Vine Hill clarkia

SE Nov 1978 FE Oct 22,1997

Clarkia lingulata

Merced clarkia

SE Jan 1989

Clarkia speciosa ssp. *immaculata*

Pismo clarkia

SR Nov 1978 FE Dec 15,1994

Clarkia springvillensis

Springville clarkia

SE Sep 1979 FT Sep 14,1998

Cordylanthus maritimus ssp. *maritimus*

salt marsh bird's-beak

SE Jul 1979 FE Sep 28,1978

Cordylanthus mollis ssp. *mollis*

soft bird's-beak

SR Jul 1979 FE Nov 20,1997

Cordylanthus nidularius

Mt. Diablo bird's-beak

SR Nov 1978

Cordylanthus palmatus

palmate-bracted bird's-beak

SE May 1984 FE Jul 01, 1986

Cordylanthus rigidus ssp. *littoralis*

seaside bird's-beak

SE Jan 1982

7

State Designated Plants Classification**State List Date Federal List Date***Cordylanthus tenuis* ssp. *capillaris*

Pennell's bird's-beak

SR Nov 1978 FE Feb 03,1995

Croton wigginsii

Wiggins' croton

SR Jan 1982

Cryptantha roosiorum

bristlecone cryptantha

SR Jul 1982

Cupressus abramsiana (= *Callitropsis abramsiana*)

Santa Cruz cypress

SE Nov 1979 FE Jan 08,1987

Cupressus goveniana ssp. *goveniana* (= *Callitropsis goveniana*)

Gowen cypress

FT Aug 12,1998

Dedeckera eurekaensis

July gold

SR Nov 1978

Deinandra arida (= *Hemizonia arida*)

Red Rock tarplant

SR Jul 1982

Deinandra conjugens (= *Hemizonia conjugens*)

Otay tarplant

SE Nov 1979 FT Oct 13,1998

Deinandra increscens ssp. *villosa* (= *Hemizonia increscens* ssp. *villosa*)

Gaviota tarplant

SE Jan 1990 FE Mar 20,2000

Deinandra minthornii (= *Hemizonia minthornii*)

Santa Susana tarplant

SR Nov 1978

Deinandra mohavensis (= *Hemizonia mohavensis*)

Mojave tarplant

SE Aug 1981

Delphinium bakeri

Baker's larkspur

SE April 2007 FE Jan 26,2000

Delphinium hesperium ssp. *cuyamaca*

Cuyamaca larkspur

SR Jul 1982

Delphinium luteum

yellow larkspur

SR Sep 1979 FE Jan 26,2000

Delphinium variegatum ssp. *kinkiense*

San Clemente Island larkspur
 SE Sep 1979 FE Aug 11,1977
Dichanthelium lanuginosum var. *thermale*
 Geysers dichanthelium
 SE Sep 1978
Dieteria asteroides var. *lagunensis*
 Mount Laguna aster (= *Machaeranthera asteroides* var. *lagunensis*)
 SR Sep 1979

Dithyrea maritima
 beach spectaclepod
 ST Feb 1990

Dodecahema leptoceras
 slender-horned spineflower
 SE Jan 1982 FE Sep 28,1987

Downingia concolor var. *brevior*
 Cuyamaca Lake downingia
 SE Feb 1982

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State Designated Plants Classification

State List Date Federal List Date

Dudleya abramsii ssp. *parva* (= *D. parva*)

Conejo dudleya
 FT Jan 29,1997

Dudleya brevifolia (= *D. blochmaniae* ssp. *brevifolia*)

short-leaved dudleya
 SE Jan 1982

Dudleya cymosa ssp. *agourensis* 3

Santa Monica Mtns. dudleya
 FT Jan 29, 1997

Dudleya cymosa ssp. *marcescens*

marcescent dudleya
 SR Nov 1978 FT Jan 29,1997

Dudleya cymosa ssp. *ovatifolia*

Santa Monica Mountains dudleya
 FT Jan 29,1997

Dudleya nesiotica

Santa Cruz Island dudleya
 SR Nov 1979 FT Jul 31,1997

Dudleya setchellii

Santa Clara Valley dudleya
 FE Feb 03,1995

Dudleya stolonifera

Laguna Beach dudleya
 ST Jan 1987 FT Oct 13,1998

Dudleya traskiae

Santa Barbara Island dudleya
 SE Nov 1979 FE Apr 26,1978

Dudleya verityi

Verity's dudleya

FT Jan 29,1997

Enceliopsis nudicaulis var. *corrugata*

Ash Meadows daisy

FT May 20,1985

Eremalche kernensis

Kern mallow

FE Jul 19,1990

Eriastrum densifolium ssp. *sanctorum*

Santa Ana River woollystar

SE Jan 1987 FE Sep 28,1987

Eriastrum hooveri

Hoover's woolly-star

Delisted Oct 7,2003

Eriastrum tracyi

Tracy's eriastrum

SR Jul 1982

Erigeron parishii

Parish's daisy

FT Aug 24,1994

Eriodictyon altissimum

Indian Knob mountainbalm

SE Jul 1979 FE Dec 15,1994

Eriodictyon capitatum

Lompoc yerba santa

SR Sep 1979 FE Mar 20,2000

³ The U.S. Fish & Wildlife Service has listed the more encompassing *Dudleya cymosa* ssp. *ovatifolia* from which ssp. *agourensis* was split.

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State Designated Plants Classification

State List Date Federal List Date

Eriogonum alpinum

Trinity buckwheat

SE Jul 1979

Eriogonum apricum var. *apricum*⁴

Ione buckwheat

SE Aug 1981 FE May 26,1999

Eriogonum apricum var. *prostratum*⁵

Irish Hill buckwheat

SE Jan 1987 FE May 26,1999

Eriogonum butterworthianum

Butterworth's buckwheat

SR Nov 1979

Eriogonum crocatum

Conejo buckwheat

SR Sep 1979

Eriogonum giganteum var. *compactum*

Santa Barbara Island buckwheat

SR Nov 1979

Eriogonum grande ssp. *timorum* (= *Eriogonum grande* var. *timorum*)

San Nicolas Island buckwheat

SE Nov 1979

Eriogonum kelloggii

Kellogg's buckwheat SE Apr 1982

Eriogonum kennedyi var. *austromontanum*

southern mountain buckwheat

FT Sep 14, 1978

Eriogonum ovalifolium var. *vineum*

Cushenbury buckwheat

FE Aug 24, 1994

Eriogonum thornei (= *E. ericifolium* var. *thornei*)

Thorne's buckwheat

SE Nov 1979

Eriogonum twisselmannii

Twisselmann's buckwheat

SR Jul 1982

Eriophyllum congdonii

Congdon's woolly sunflower

SR Jul 1982

Eriophyllum latilobum

San Mateo woolly sunflower

SE Jun 1992 FE Feb 03, 1995

Eryngium aristulatum var. *parishii*

San Diego button-celery

SE Jul 1979 FE Aug 03, 1993

Eryngium constancei

Loch Lomond button-celery

SE Jan 1987 FE Dec 23, 1986

Eryngium racemosum

Delta button-celery

SE Aug 1981

Erysimum capitatum var. *angustatum*

Contra Costa wallflower

SE Nov 1978 FE Apr 26, 1978

⁴ The U.S. Fish & Wildlife Service has listed *Eriogonum apricum* as the species, which includes both rare varieties.

⁵ The U.S. Fish & Wildlife Service has listed *Eriogonum apricum* as the species, which includes both rare varieties.

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State Designated Plants Classification

State List Date Federal List Date

*Erysimum menziesii*⁶

Menzies' wallflower

SE Sep 1984 FE Jun 22, 1992

Erysimum teretifolium

Santa Cruz wallflower
SE Aug 1981 FE Feb 04,1994
Fremontodendron decumbens
Pine Hill flannelbush
SR Jul 1979 FE Oct 18,1996
Fremontodendron mexicanum
Mexican flannelbush
SR Jul 1982 FE Oct 13,1998
Fritillaria gentneri
Gentner's fritillary
FE Dec 10,1999
Fritillaria roderickii
Roderick's fritillary
SE Nov 1979
Fritillaria striata
striped adobe-lily
ST Jan 1987
Galium angustifolium ssp. *borregoense*
Borrego bedstraw
SR Sep 1979
Galium buxifolium
box bedstraw
SR Nov 1979 FE Jul 31,1997
Galium californicum ssp. *sierrae*
El Dorado bedstraw
SR Nov 1979 FE Oct 18,1996
Galium catalinense ssp. *acrispum*
San Clemente Island bedstraw
SE Apr 1982
Gilia tenuiflora ssp. *arenaria*
sand gilia
ST Jan 1987 FE Jun 22,1992
Gilia tenuiflora ssp. *hoffmannii*
Hoffmann's slender-flowered gilia
FE Jul 31,1997
Gratiola heterosepala
Boggs Lake hedge-hyssop
SE Nov 1978
Grindelia fraxino-pratensis
Ash Meadows gumplant FT May 20,1985
Hazardia orcuttii
Orcutt's hazardia
ST Aug 2002
Helianthemum greenei
island rush-rose
FT Jul 31,1997

Helianthus niveus ssp. *tephrodes*

Algodones Dunes sunflower

SE Nov 1979

Hesperolinon congestum

Marin western flax

ST Jun 1992 FT Feb 03,1995

⁶ The U.S. Fish & Wildlife Service separately listed all as endangered, *E. menziesii* ssp. *eurekaense*, *E. menziesii* ssp. *menziesii*, and

E. menziesii ssp. *yadonii*.

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State Designated Plants Classification

State List Date Federal List Date

Hesperolinon didymocarpum

Lake County western flax

SE Aug 1981

Holmgrenanthe petrophila (= *Maurandya petrophila*)

rock lady

SR Jul 1982

Holocarpha macradenia

Santa Cruz tarplant

SE Sep 1979 FT Mar 20,2000

Howellia aquatilis

water howellia

FT Jul 14,1994

Ivesia callida

Tahquitz ivesia

SR Jul 1982

Lasthenia burkei

Burke's goldfields

SE Sep 1979 FE Dec 02,1991

Lasthenia conjugens

Contra Costa goldfields

FE Jun 18,1997

Layia carnosa

beach layia

SE Jan 1990 FE Jun 22,1992

Lembertia congdonii (= *Monolopia congdonii*)

San Joaquin woollythreads

FE Jul 19,1990

Lesquerella kingii ssp. *bernardina*

San Bernardino Mountains bladderpod

FE Aug 24,1994

Lessingia germanorum

San Francisco lessingia

SE Jan 1990 FE Jun 19,1997

Lewisia congdonii

Congdon's lewisia

SR Jul 1982

Lilaeopsis masonii

Mason's lilaeopsis

SR Nov 1979

Lilium occidentale

western lily

SE Jan 1982 FE Aug 17,1994

Lilium pardalinum ssp. *pitkinense*

Pitkin Marsh lily

SE Nov 1978 FE Oct 22,1997

Limnanthes bakeri

Baker's meadowfoam

SR Nov 1978

Limnanthes douglasii var. *sulphurea* (= *Limnanthes douglasii* ssp. *sulphurea*)

Point Reyes meadowfoam

SE Apr 1982

Limnanthes floccosa ssp. *californica*

Butte County meadowfoam

SE Feb 1982 FE Jun 08,1992

Limnanthes gracilis var. *parishii* (= *Limnanthes gracilis* ssp. *parishii*)

Parish's meadowfoam

SE Jul 1979

Limnanthes vinculans

Sebastopol meadowfoam

SE Nov 1979 FE Dec 02,1991

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State Designated Plants Classification

State List Date Federal List Date

Lithophragma maximum

San Clemente Island woodland star

SE Feb 1982 FE Aug 08,1997

Lotus argophyllus var. *adsurgens*

San Clemente Island bird's-foot trefoil

SE Nov 1979

Lotus argophyllus var. *niveus*

Santa Cruz Island bird's-foot trefoil

SE Aug 1981

Lotus dendroideus var. *traskiae*

San Clemente Island lotus

SE Apr 1982 FE Aug 11,1977

Lupinus citrinus var. *deflexus*

Mariposa lupine

ST Jan 1990

Lupinus milo-bakeri

Milo Baker's lupine

ST Jan 1987

Lupinus nipomensis

Nipomo Mesa lupine

SE Jan 1987 FE Mar 20,2000

Lupinus padre-crowleyi

Father Crowley's lupine

SR Aug 1981

Lupinus tidestromii var. *tidestromii* (= *L. tidestromii*)

Tidestrom's lupine

SE Jan 1987 FE Jun 22,1992

Machaeranthera lagunensis

(see *Dieteria asteroides* var. *lagunensis*)

Mahonia sonnei (= *Berberis sonnei*)

Truckee barberry

Delisted

April 2008

Delisted Oct 1,2003

Malacothamnus clementinus

San Clemente Island bush mallow

SE Feb 1982 FE Aug 11,1977

Malacothamnus fasciculatus var. *nesioticus*

Santa Cruz Island bush mallow

SE Nov 1979 FE Jul 31,1997

Malacothrix indecora

Santa Cruz Island malacothrix

FE Jul 31,1997

Malacothrix squalida

island malacothrix

FE Jul 31,1997

Monardella linoides ssp. *viminea* (= *M. viminea*)

willowy monardella

SE Nov 1979 FE Oct 13,1998

Nasturtium gambellii (= *Rorippa gambellii*)

Gambel's water cress

ST Feb 1990 FE Aug 03,1993

Navarretia fossalis

spreading navarretia

FT Oct 13,1998

Navarretia leucocephala ssp. *pauciflora*

few-flowered navarretia

ST Jan 1990 FE Jun 18,1997

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State Designated Plants Classification

State List Date Federal List Date

Navarretia leucocephala ssp. *plieantha*

many-flowered navarretia

SE Nov 1979 FE Jun 18,1997

Nemacladus twisselmannii

Twisselmann's nemacladus
 SR Jul 1982
Neostapfia colusana
 Colusa grass
 SE Nov 1979 FT Mar 26,1997
Nitrophila mohavensis
 Amargosa nitrophila
 SE Nov 1979 FE May 20,1985
Nolina interrata
 Dehesa nolina
 SE Nov 1979
Oenothera californica ssp. *eurekaensis*
 Eureka Dunes evening-primrose
 SR Nov 1978 FE Apr 26,1978
Oenothera deltoides ssp. *howellii*
 Antioch Dunes evening-primrose
 SE Nov 1978 FE Apr 26,1978
Opuntia basilaris var. *treleasei*
 Bakersfield cactus
 SE Jan 1990 FE Jul 19,1990
Orcuttia californica
 California Orcutt grass
 SE Sep 1979 FE Aug 03,1993
Orcuttia inaequalis
 San Joaquin Valley Orcutt grass
 SE Sep 1979 FT Mar 26,1997
Orcuttia pilosa
 hairy Orcutt grass
 SE Sep 1979 FE Mar 26,1997
Orcuttia tenuis
 slender Orcutt grass
 SE Sep 1979 FT Mar 26,1997
Orcuttia viscida
 Sacramento Orcutt grass
 SE Jul 1979 FE Mar 26,1997
Ornithostaphylos oppositifolia
 Baja California birdbush
 SE Apr 2001
Oxytheca parishii var. *goodmaniana* (= *Acanthoscyphus parishii*
 var. *goodmaniana*)
 Cushenbury oxytheca
 FE Aug 24,1994
Packera ganderi (= *Senecio ganderi*)
 Gander's ragwort
 SR Jul 1982
Packera layneae (= *Senecio layneae*)
 Layne's ragwort

SR Nov 1979 FT Oct 18,1996

Parvisedum leiocarpum (=Sedella leiocarpa)

Lake County stonecrop

SE Jan 1990 FE Jun 18,1997

Pedicularis dudleyi

Dudley's lousewort

SR Sep 1979

Pentachaeta bellidiflora

white-rayed pentachaeta

SE Jun 1992 FE Feb 03,1995

Pentachaeta lyonii

Lyon's pentachaeta

SE Jan 1990 FE Jan 29,1997

Phacelia insularis ssp. *insularis*

northern Channel Islands phacelia

FE Jul 31,1997

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State Designated Plants Classification

State List Date Federal List Date

Phlox hirsuta

Yreka phlox

SE Jan 1987 FE Feb 3,2000

Piperia yadonii

Yadon's rein orchid

FE Aug 12,1998

Plagiobothrys diffusus

San Francisco popcorn-flower

SE Sep 1979

Plagiobothrys strictus

Calistoga popcorn-flower

ST Jan 1990 FE Oct 22,1997

Pleuropogon hooverianus

North Coast semaphore grass

ST Dec 2002

Poa atropurpurea

San Bernardino blue grass

FE Sep 14,1998

Poa napensis

Napa blue grass

SE Jul 1979 FE Oct 22,1997

Pogogyne abramsii

San Diego mesa mint

SE Jul 1979 FE Sep 28,1978

Pogogyne clareana

Santa Lucia mint

SE Nov 1979

Pogogyne nudiuscula
 Otay Mesa mint
 SE Jan 1987 FE Aug 03,1993
Polygonum hickmanii
 Scott's Valley polygonum
 SE May 2005 FE Apr 8,2003
Potentilla hickmanii
 Hickman's cinquefoil
 SE Sep 1979 FE Aug 12,1998
Pseudobahia bahiifolia
 Hartweg's golden sunburst
 SE Aug 1981 FE Feb 06,1997
Pseudobahia peirsonii
 San Joaquin adobe sunburst
 SE Jan 1987 FT Feb 06,1997
Rorippa subumbellata
 Tahoe yellow cress
 SE Apr 1982
Rosa minutifolia
 small-leaved rose
 SE Oct 1989
Sanicula maritima
 adobe sanicle
 SR Aug 1981
Sanicula saxatilis
 rock sanicle
 SR Jul 1982
Sedella leiocarpa (= *Parvisedum leiocarpum*)
 Lake County stonecrop
 SE Jan 1990 FE Jun 18,1997
Senecio ganderi
 (see *Packera ganderi*)
Senecio layneae (= *Packera layneae*)
Sibara filifolia
 Santa Cruz Island rock cress
 FE Aug 08,1997
Sidalcea covillei
 Owens Valley checkerbloom
 SE Jul 1979
 15

State Designated Plants Classification

State List Date Federal List Date

Sidalcea hickmanii ssp. *anomala*
 Cuesta Pass checkerbloom
 SR Nov 1979
Sidalcea hickmanii ssp. *parishii*

Parish's checkerbloom

SR Nov 1979 Removed as

FC, 2006

Fed.

Register

Sidalcea keckii

Keck's checker-mallow

FE Feb 16,2000

Sidalcea oregana ssp. *valida*

Kenwood Marsh checkerbloom

SE Jan 1982 FE Oct 22,1997

Sidalcea pedata

bird-foot checkerbloom

SE Jan 1982 FE Aug 31,1984

Sidalcea stipularis

Scadden Flat checkerbloom

SE Jan 1982

Silene campanulata ssp. *campanulata*

Red Mountain catchfly

SE Apr 1982

Streptanthus albidus ssp. *albidus*

Metcalf Canyon jewel-flower

FE Feb 03,1995

Streptanthus niger

Tiburon jewel-flower

SE Feb 1990 FE Feb 03,1995

Suaeda californica

California seablite

FE Dec 15,1994

Swallenia alexandrae

Eureka Valley dune grass

SR Aug 1981 FE Apr 26,1978

Taraxacum californicum

California dandelion

FE Sep 14,1998

Thelypodium stenopetalum

slender-petaled thelypodium

SE Feb 1982 FE Aug 31,1984

Thermopsis macrophylla var. *angina* (= *T. macrophylla*)

Santa Ynez false lupine

SR Aug 1981

Thlaspi californicum

Kneeland Prairie penny-cress

FE Feb 9,2000

Thysanocarpus conchuliferus

Santa Cruz Island fringe-pod

FE Jul 31,1997

Trichostema austromontanum ssp. *compactum*

Hidden Lake bluecurls

FT Sep 14,1998

Trifolium amoenum

showy Indian clover

FE Oct 22,1997

Trifolium polyodon

Pacific Grove clover

SR Sep 1979

Trifolium trichocalyx

Monterey clover

SE Nov 1979 FE Aug 12,1998

Tuctoria greenei

Greene's tuctoria

SR Sep 1979 FE Mar 26,1997

Tuctoria mucronata

Crampton's tuctoria

SE Jul 1979 FE Sep 28,1978

Verbena californica

California vervain

ST Aug 1994 FT Sep 14,1998

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State Designated Plants Classification

State List Date Federal List Date

Verbesina dissita

Big-leaved crownbeard

ST Jan 1990 FT Oct 07,1996