

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

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

**April 2017**

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 federal agencies responsible for listing are the U.S. Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service (NMFS).

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.”

Also included on this list are animal “Candidates” for state listing and animals “Proposed” for federal listing; federal “Candidates” are currently not included. A state Candidate species is one that the Fish and Game Commission (FGC) has formally declared a candidate species. A federal Proposed species is one that has had a published proposed rule to list in the Federal Register.

Designation	Totals as of April 2017
State listed as Endangered	SE 48
State listed as Threatened	ST 39
Federally listed as Endangered	FE 88
Federally listed as Threatened	FT 42
State Candidate (T or E)	SC 2
State Candidate (Delisting)	SCD 0
Federally proposed (Endangered)	FPE 0
Federally proposed (Threatened)	FPT 1
Federally proposed (Delisting)	FPD 2
Total number of candidate/proposed animals for listing	
Number of animals State listed only	35
Number of animals Federally listed only	74
Number of animals listed under both State & Federal Acts	52
Total number of animals listed	
154 (excludes double counting DPSs and ESUs)	

Common and scientific names are shown as they are in current usage, typically based on the NatureServe Natural Heritage Network, unless otherwise noted in a footnote. If current nomenclature differs from that in state and federal listing documents, the nomenclature at the time of listing is given in a footnote. Synonyms, name changes, and other clarifying points are also footnoted.

The “List Date” for **final** federal listing is the date the listing became 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 an animal was previously listed and no longer has any listing status, the entry has been **grayed out**. If an animal was previously proposed or a candidate for listing, but the listing was not warranted or revoked, the record has been removed from the table.

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

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	State Listing		Federal Listing	
<b><u>GASTROPODS</u></b>				
Trinity bristle snail <i>Monadenia infumata setosa</i> <sup>1</sup>	ST	10-02-80		
Morro shoulderband (=banded dune) snail <i>Helminthoglypta walkeriana</i>			FE <sup>2</sup>	1-17-95
White abalone <i>Haliotis sorenseni</i>			FE <sup>3</sup> FE	11-16-05 6-28-01
Black abalone <i>Haliotis cracherodii</i>			FE <sup>4</sup> FE	4-13-11 2-13-09
<b><u>CRUSTACEANS</u></b>				
Riverside fairy shrimp <i>Streptocephalus woottoni</i>			FE	8-03-93
Conservancy fairy shrimp <i>Branchinecta conservatio</i>			FE	9-19-94
Longhorn fairy shrimp <i>Branchinecta longiantenna</i>			FE	9-19-94
Vernal pool fairy shrimp <i>Branchinecta lynchi</i>			FT	9-19-94
San Diego fairy shrimp <i>Branchinecta sandiegonensis</i>			FE	2-03-97
Vernal pool tadpole shrimp <i>Lepidurus packardii</i>			FE	9-19-94
Shasta crayfish <i>Pacifastacus fortis</i>	<u>SE</u> ST	2-26-88 10-02-80	FE	9-30-88
California freshwater shrimp <i>Syncaris pacifica</i>	SE	10-02-80	FE	10-31-88
<b><u>INSECTS</u></b>				
Zayante band-winged grasshopper <i>Trimerotropis infantilis</i>			FE	2-24-97
Mount Hermon June beetle <i>Polyphylla barbata</i>			FE	2-24-97
Casey's June beetle <i>Dinacoma caseyi</i>			FE	10-24-11
Delta green ground beetle <i>Elaphrus viridis</i>			FT	9-15-80

<sup>1</sup> Listed by the State of California as *Monadenia setosa*.

<sup>2</sup> The 2006 five year review should be consulted to better understand the status of this species.

<sup>3</sup> Listed by NMFS in 2001 and by USFWS in 2005.

<sup>4</sup> Listed by NMFS in 2009 and by USFWS in 2011.

	State Listing			Federal Listing	
Valley elderberry longhorn beetle <i>Desmocerus californicus dimorphus</i>				FT	9-15-80
Ohlone tiger beetle <i>Cicindela ohlone</i>				FE	10-03-01
Kern primrose sphinx moth <i>Euproserpinus euterpe</i>				FT	5-09-80
Mission blue butterfly <i>Plebejus icarioides missionensis</i> <sup>5</sup>				FE	6-08-76
Lotis blue butterfly <i>Plebejus anna lotis</i> <sup>6</sup>				FE	6-08-76
Palos Verdes blue butterfly <i>Glaucopsyche lygdamus palosverdesensis</i>				FE	8-01-80
El Segundo blue butterfly <i>Euphilotes battoides allyni</i>				FE	6-08-76
Smith's blue butterfly <i>Euphilotes enoptes smithi</i> <sup>7</sup>				FE	6-08-76
San Bruno elfin butterfly <i>Callophrys mossii bayensis</i> <sup>8</sup>				FE	6-08-76
Lange's metalmark butterfly <i>Apodemia mormo langei</i>				FE	6-08-76
Bay checkerspot butterfly <i>Euphydryas editha bayensis</i>				FT	10-19-87
Quino checkerspot butterfly <i>Euphydryas editha quino</i> (= <i>E. e. wrighti</i> )				FE	1-16-97
Carson wandering skipper <i>Pseudocopaodes eunus obscurus</i>				FE	8-07-02
Laguna Mountains skipper <i>Pyrgus ruralis lagunae</i>				FE	1-16-97
Callippe silverspot butterfly <i>Speyeria callippe callippe</i>				FE	12-05-97
Behren's silverspot butterfly <i>Speyeria zerene behrensii</i>				FE	12-05-97
Oregon silverspot butterfly <i>Speyeria zerene hippolyta</i>				FT	10-15-80

<sup>5</sup> Synonymous with *Icaricia icarioides missionensis*.

<sup>6</sup> Synonymous with *Plebejus idas lotis* and *Lycaeides argyrognomon lotis*.

<sup>7</sup> Synonymous with *Philotes enoptes smithi* and *Shijimiaeooides enoptes smithi*.

<sup>8</sup> Synonymous with *Incisalia fotis bayensis* and *Callophrys fotis bayensis*.

Myrtle's silverspot butterfly <sup>9</sup> <i>Speyeria zerene myrtleae</i>				FE	6-22-92
Delhi Sands flower-loving fly <i>Rhaphiomidas terminatus abdominalis</i>				FE	9-23-93
<b><u>FISHES</u></b>					
Green sturgeon - southern DPS <i>Acipenser medirostris</i>				FT <sup>10</sup>	6-06-06
Mohave tui chub <i>Siphateles bicolor mohavensis</i> <sup>11</sup>	SE	6-27-71		FE	10-13-70
Owens tui chub <i>Siphateles bicolor snyderi</i> <sup>12</sup>	SE	1-10-74		FE	9-04-85
Thicktail chub ( <b>Extinct</b> ) <i>Gila crassicauda</i>	<b><u>Delisted</u></b> SE	10-02-80 1-10-74			
Bonytail <sup>13</sup> <i>Gila elegans</i>	<b><u>SE</u></b> <b><u>ST</u></b>	1-10-74 6-27-71		FE	5-23-80
Clear Lake hitch <i>Lavinia exilicauda chi</i>	ST	02-11-15 <sup>14</sup>			
Colorado pikeminnow <i>Ptychocheilus lucius</i>	SE	6-27-71		FE	3-11-67
Modoc sucker <i>Catostomus microps</i>	<b><u>SE</u></b> <b><u>ST</u></b>	10-02-80 1-10-74		Delisted <b><u>FE</u></b>	1-07-2016 7-11-85
Santa Ana sucker <i>Catostomus santaanae</i>				FT <sup>15</sup>	5-12-00
Shortnose sucker <i>Chasmistes brevirostris</i>	<b><u>SE</u></b> <b><u>ST</u></b>	1-10-74 6-27-71		FE	8-17-88
Lost River sucker <i>Deltistes luxatus</i>	<b><u>SE</u></b> <b><u>ST</u></b>	1-10-74 6-27-67		FE	8-17-88
Razorback sucker <i>Xyrauchen texanus</i>	<b><u>SE</u></b> <b><u>ST</u></b>	1-10-74 6-27-71		FE	11-22-91
Delta smelt <i>Hypomesus transpacificus</i>	<b><u>SE</u></b> <b><u>ST</u></b>	1-20-10 12-09-93		FT <sup>16</sup>	3-05-93
Longfin smelt <i>Spirinchus thaleichthys</i>	ST	4-05-09			

<sup>9</sup> The USFWS and others have not yet determined if the taxonomic expansion by Emmel and Emmel (1998) into *S. z. myrtleae* and *S. z. puntareyes* is warranted. *Speyeria zerene* along the coast of Marin and Sonoma counties are Federally Endangered under the subspecies concept in the 1992 listing.

<sup>10</sup> Includes all spawning populations south of the Eel River.

<sup>11</sup> Listed by the State of California as *Gila bicolor mohavensis*.

<sup>12</sup> Listed by the State of California as: *Gila bicolor snyderi*.

<sup>13</sup> Federal common name: bonytail chub.

<sup>14</sup> Notice of adoption date listed as 02-11-2016. Effective date of regulation pending.

<sup>15</sup> Populations in the Los Angeles, San Gabriel, and Santa Ana River basins.

<sup>16</sup> Candidate for uplisting to Endangered by USFWS 5-15-13

Pacific eulachon - southern DPS <i>Thaleichthys pacificus</i>				FT FT	4-13-11 <sup>17</sup> 5-17-10
Lahontan cutthroat trout <i>Oncorhynchus clarkii henshawi</i> <sup>18</sup>				<b>FT</b> FE	7-16-75 10-13-70
Paiute cutthroat trout <i>Oncorhynchus clarkii seleniris</i>				<b>FT</b> FE	7-16-75 3-11-67 <sup>19</sup>
Coho salmon - south of Punta Gorda <sup>20</sup> <i>Oncorhynchus kisutch</i>	SE <sup>21</sup>	3-30-05		<b>FE</b> <sup>22</sup> FT	8-29-05 11-30-96
Coho salmon - Punta Gorda to the N. border of California <sup>23</sup> <i>Oncorhynchus kisutch</i>	ST <sup>24</sup>	3-30-05		FT <sup>25</sup> FT	8-29-05 6-05-97
Steelhead - southern California DPS <sup>26</sup> <i>Oncorhynchus mykiss</i>				FE <sup>27</sup> FE	2-06-06 10-17-97
Steelhead - south central California coast DPS <sup>28</sup> <i>Oncorhynchus mykiss</i>				FT <sup>29</sup> FT	2-06-06 10-17-97
Steelhead - central California coast DPS <sup>30</sup> <i>Oncorhynchus mykiss</i>				FT <sup>31</sup> FT	2-06-06 10-17-97
Steelhead - California Central Valley DPS <sup>32</sup> <i>Oncorhynchus mykiss</i>				FT <sup>33</sup> FT	2-06-06 5-18-98
Steelhead - northern California DPS <sup>34</sup> <i>Oncorhynchus mykiss</i>				FT <sup>35</sup> FT	2-06-06 8-07-00
Little Kern golden trout <i>Oncorhynchus mykiss whitei</i> <sup>36</sup>				FT	5-15-78

<sup>17</sup> Eulachon was listed as Threatened by the NMFS in 2010 and by the USFWS in 2011.

<sup>18</sup> According to the American Fisheries Society Special Publication 29 (2004), "clarkii" has two i's.

<sup>19</sup> All species with a list date of 03-11-67 were listed under the Endangered Species Preservation Act of 15 Oct 1966.

<sup>20</sup> The Federal listing is for central California coast Coho ESU and includes populations from Punta Gorda south to, and including, the San Lorenzo River as well as populations in tributaries to San Francisco Bay, excluding the Sacramento-San Joaquin River system.

<sup>21</sup> The Coho south of San Francisco Bay were state listed in 1995. In Feb 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 30 Mar 2005.

<sup>22</sup> The NMFS completed a comprehensive status review in 2005 reaffirming the status.

<sup>23</sup> The Federal listing is for southern Oregon/northern California coast Coho ESU and includes populations in coastal streams between Cape Blanco, Oregon and Punta Gorda, California.

<sup>24</sup> The Fish and Game Commission determined that the Coho from Punta Gorda to the Oregon border should be listed as Threatened on 25 Feb 2004. This determination was finalized by the Office of Administrative Law on 30 Mar 2005.

<sup>25</sup> The NMFS completed a comprehensive status review in 2005 reaffirming the status.

<sup>26</sup> Coastal basins from the Santa Maria River (inclusive), south to the U.S.-Mexico Border.

<sup>27</sup> The NMFS completed a comprehensive status review in 2006 reaffirming the status.

<sup>28</sup> Coastal basins from the Pajaro River (inclusive) south to, but not including, the Santa Maria River.

<sup>29</sup> The NMFS completed a comprehensive status review in 2006 reaffirming the status.

<sup>30</sup> Coastal streams from the Russian River (inclusive) to Aptos Creek (inclusive), and the drainages of San Francisco, San Pablo, and Suisun Bays eastward to Chipps Island at the confluence of the Sacramento and San Joaquin Rivers; and tributary streams to Suisun Marsh including Suisun Creek, Green Valley Creek, and an unnamed tributary to Cordelia Slough (commonly referred to as Red Top Creek), exclusive of the Sacramento-San Joaquin River Basin of the California Central Valley.

<sup>31</sup> The NMFS completed a comprehensive status review in 2006 reaffirming the status.

<sup>32</sup> The Sacramento and San Joaquin Rivers and their tributaries.

<sup>33</sup> The NMFS completed a comprehensive status review in 2006 reaffirming the status.

<sup>34</sup> 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.

<sup>35</sup> The NMFS completed a comprehensive status review in 2006 reaffirming the status.

<sup>36</sup> Originally listed as *Salmo aguabonita whitei*. The genus *Salmo* was reclassified as *Oncorhynchus* changing the name to *Oncorhynchus aguabonita whitei*. However, recent studies indicate this is a subspecies of rainbow trout, therefore *Oncorhynchus mykiss whitei*.

Chinook salmon - winter-run <sup>37</sup> <i>Oncorhynchus tshawytscha</i>	SE	9-22-89		FE <sup>38</sup> FE FE	8-29-05 2-03-94 11-30-90
Chinook salmon - California coastal ESU <sup>39</sup> <i>Oncorhynchus tshawytscha</i>				FT <sup>40</sup> FT	8-29-05 11-15-99
Chinook salmon - spring-run <sup>41</sup> <i>Oncorhynchus tshawytscha</i>	ST	2-05-99		FT <sup>42</sup> FT	8-29-05 11-15-99
Bull trout <sup>43</sup> <i>Salvelinus confluentus</i>	SE	10-02-80		FT	12-01-99
Desert pupfish <i>Cyprinodon macularius</i>	SE	10-02-80		FE	4-30-86
Tecopa pupfish ( <b>Extinct</b> ) <i>Cyprinodon nevadensis calidae</i>	<b>Delisted</b> SE	1987 6-27-71		<b>Delisted</b> FE	2-16-82 10-13-70
Owens pupfish <i>Cyprinodon radiosus</i>	SE	6-27-71		FE	3-11-67
Cottonball Marsh pupfish <i>Cyprinodon salinus milleri</i>	ST	1-10-74			
Unarmored threespine stickleback <i>Gasterosteus aculeatus williamsoni</i>	SE	6-27-71		FE	10-13-70
Rough sculpin <i>Cottus asperimus</i>	ST	1-10-74			
Tidewater goby <i>Eucyclogobius newberryi</i>				FE <sup>44</sup>	3-07-94
<b><u>AMPHIBIANS</u></b>					
California tiger salamander <sup>45</sup> <i>Ambystoma californiense</i>	ST	8-19-10		(FE) (FT)	
California tiger salamander - central California DPS <i>Ambystoma californiense</i>	(ST)			FT <sup>46</sup>	9-03-04
California tiger salamander - Santa Barbara County DPS <i>Ambystoma californiense</i>	(ST)			FE <sup>46</sup>	9-15-00

<sup>37</sup> The federal designation is for Chinook salmon - Sacramento River winter-run ESU and described as winter-run populations in the Sacramento River and its tributaries in California.

<sup>38</sup> The NMFS completed a comprehensive status review in 2005 reaffirming the status.

<sup>39</sup> Rivers and streams south of the Klamath River to the Russian River.

<sup>40</sup> The NMFS completed a comprehensive status review in 2005 reaffirming the status.

<sup>41</sup> The State listing is for "Spring-run chinook salmon (*Oncorhynchus tshawytscha*) of the Sacramento River drainage." The Federal listing is for Central Valley spring-run Chinook ESU and includes populations of spring-run Chinook salmon in the Sacramento River and its tributaries including the Feather River.

<sup>42</sup> The NMFS completed a comprehensive status review in 2005 reaffirming the status.

<sup>43</sup> Considered to be extirpated in California.

<sup>44</sup> See Federal Register 79(49):14340-14362, 13 Mar 2014, for proposed down-listing determination.

<sup>45</sup> The State listing refers to the entire range of the species.

<sup>46</sup> 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 19 Aug 2005 U.S. District court vacated the down-listing of the Sonoma and Santa Barbara populations from Endangered to Threatened. Therefore, the Sonoma & Santa Barbara populations are once again listed as Endangered.

California tiger salamander - Sonoma County DPS <i>Ambystoma californiense</i>	(ST)			FE <sup>46</sup>	3-19-03
Santa Cruz long-toed salamander <i>Ambystoma macrodactylum croceum</i>	SE	6-27-71		FE	3-11-67
Siskiyou Mountains salamander <sup>47</sup> <i>Plethodon stormi</i>	ST <sup>48</sup>	6-27-71			
Scott Bar salamander <i>Plethodon asupak</i>	ST <sup>49</sup>	6-27-71			
Tehachapi slender salamander <i>Batrachoseps stebbinsi</i>	ST	6-27-71			
Kern Canyon slender salamander <i>Batrachoseps simatus</i>	ST	6-27-71			
Desert slender salamander <i>Batrachoseps major aridus</i> <sup>50</sup>	SE	6-27-71		FE	6-04-73
Shasta salamander <i>Hydromantes shastae</i>	ST	6-27-71			
Limestone salamander <i>Hydromantes brunus</i>	ST	6-27-71			
Black toad <i>Anaxyrus exsul</i> <sup>51</sup>	ST	6-27-71			
Arroyo toad <i>Anaxyrus californicus</i> <sup>52</sup>				FE	1-17-95
Yosemite toad <i>Anaxyrus canorus</i>				FT	6-30-14
California red-legged frog <i>Rana draytonii</i> <sup>53</sup>				FT	6-24-96
Oregon spotted frog <i>Rana pretiosa</i>				FT	9-29-14
Southern mountain yellow-legged frog <sup>54</sup> <i>Rana muscosa</i>	SE	4-01-13		(FE)	

<sup>47</sup> The common name is spelled incorrectly in Title 14 of the CCR as “Siskiyou mountain salamander.”

<sup>48</sup> Was a State Candidate for Delisting on 30 Sep 2005. No action was taken by the FGC after the CDFW presented a Department report on 3 Nov 2006; SMS was tabled at the 3 May 2007 FGC meeting, and there was nothing to report regarding the Department’s environmental documents at the 11 Oct 2007 meeting. Therefore, with respect to Fish & Game Code 2075, it is assumed that this is no longer a candidate for delisting.

<sup>49</sup> As recognized by the FGC, the Scott Bar salamander is currently protected under the CESA as a sub-population of the Siskiyou Mountains salamander (*Plethodon stormi*) (Calif. Regulatory Notice Register, No. 21-Z, p. 916, 25 May 2007).

<sup>50</sup> Listed by the State of California as *Batrachoseps aridus* and originally listed by the USFWS as *B. aridus*. USFWS 5-year review refers to *B. major aridus*.

<sup>51</sup> Listed by the State of California as *Bufo exsul*.

<sup>52</sup> At the time of listing, arroyo toad was known as *Bufo microscaphus californicus*, a subspecies of southwestern toad. In 2001, it was determined to be its own species, *Bufo californicus*. Since then, many species in the genus *Bufo* were changed to the genus *Anaxyrus*, and now arroyo toad is known as *Anaxyrus californicus*.

<sup>53</sup> Synonymous with *Rana aurora draytonii*.

<sup>54</sup> Though the scientific name *Rana muscosa* is not disputed, the State uses this common name, whereas the USFWS listing refers to two distinct population segments. This species is also known by the common name Sierra Madre yellow-legged frog (Vredenburg et al. 2007).

Mountain yellow-legged frog - southern California DPS <sup>55</sup> <i>Rana muscosa</i>	(SE)			FE	8-01-02
Mountain yellow-legged frog - northern California DPS <sup>56</sup> <i>Rana muscosa</i>	(SE)			FE	6-30-14
Sierra Nevada yellow-legged frog <i>Rana sierrae</i>	ST	4-01-13		FE	6-30-14
<b><u>REPTILES</u></b>					
Desert tortoise <i>Gopherus agassizii</i>	ST	8-03-89		FT	4-02-90
Green sea turtle <sup>57</sup> <i>Chelonia mydas</i>				<b><u>FT</u></b> FE	7-28-78 10-13-70
Loggerhead sea turtle - North Pacific DPS <sup>58</sup> <i>Caretta caretta</i>				<b><u>FE</u></b> FT	10-24-11 7-28-78
Olive (=Pacific) ridley sea turtle <i>Lepidochelys olivacea</i>				FT	7-28-78
Leatherback sea turtle <i>Dermochelys coriacea</i>				FE	6-02-70
Barefoot banded gecko <sup>59</sup> <i>Coleonyx switaki</i>	ST	10-02-80			
Coachella Valley fringe-toed lizard <i>Uma inornata</i>	SE	10-02-80		FT	10-27-80
Blunt-nosed leopard lizard <i>Gambelia silus</i> <sup>60</sup>	SE	6-27-71		FE	3-11-67
Island night lizard ( <b>Recovered</b> ) <i>Xantusia riversiana</i>				<b>Delisted</b> <b><u>FT</u></b>	5-1-14 8-11-77
Southern rubber boa <i>Charina bottae umbratica</i> <sup>61</sup>	ST	6-27-71			
Alameda whipsnake <i>Masticophis lateralis euryxanthus</i> <sup>62</sup>	ST	6-27-71		FT	12-05-97
San Francisco garter snake <i>Thamnophis sirtalis tetrataenia</i>	SE	6-27-71		FE	3-11-67
Giant garter snake <i>Thamnophis gigas</i> <sup>63</sup>	ST	6-27-71		FT	11-19-93

<sup>55</sup> San Gabriel, San Jacinto, and San Bernardino Mountains only.

<sup>56</sup> North of the Tehachapi Mountains from the Monarch Divide to portions of the Kern River drainage.

<sup>57</sup> Current nomenclature: green turtle.

<sup>58</sup> The 1978 listing was for the worldwide range of the species. The 24 Oct 2011 final rule is for the North Pacific DPS (north of the equator & south of 60 degrees north latitude).

<sup>59</sup> Current nomenclature: Barefoot gecko.

<sup>60</sup> Current taxonomy: *Gambelia sila*. Originally listed under the ESA as *Crotaphytus wislizenii silus*.

<sup>61</sup> Current taxonomy: *Charina umbratica*.

<sup>62</sup> Synonymous with *Coluber lateralis euryxanthus*.

<sup>63</sup> Listed by the State of California as *Thamnophis couchi gigas*.



<b><u>BIRDS</u></b>					
Short-tailed albatross <i>Phoebastria albatrus</i> <sup>64</sup>				FE FE	8-30-00 <sup>65</sup> 6-02-70
California brown pelican <sup>66</sup> ( <b>Recovered</b> ) <i>Pelecanus occidentalis californicus</i>	<b><u>Delisted</u></b> SE	6-03-09 6-27-71		<b><u>Delisted</u></b> FE	12-17-09 2-20-08 10-13-70
Cackling (=Aleutian Canada) goose ( <b>Recovered</b> ) <i>Branta hutchinsii leucopareia</i> <sup>67</sup>				<b><u>Delisted</u></b> FT FE	3-20-01 1-11-91 3-11-67
California condor <i>Gymnogyps californianus</i>	SE	6-27-71		FE	3-11-67
Bald eagle <i>Haliaeetus leucocephalus</i>	<b><u>SE</u></b> (rev) SE	10-02-80 6-27-71		<b><u>Delisted</u></b> <sup>68</sup> FT FE (rev) FE	8-08-07 8-11-95 3-16-78 3-11-67
Swainson's hawk <i>Buteo swainsoni</i>	ST	4-17-83			
American peregrine falcon ( <b>Recovered</b> ) <i>Falco peregrinus anatum</i>	<b><u>Delisted</u></b> SE	11-04-09 6-27-71		<b><u>Delisted</u></b> FE	8-25-99 6-02-70
Arctic peregrine falcon ( <b>Recovered</b> ) <i>Falco peregrinus tundrius</i>				<b><u>Delisted</u></b> FT FE	10-05-94 4-19-84 6-02-70
California black rail <i>Laterallus jamaicensis coturniculus</i>	ST	6-27-71			
California clapper rail <i>Rallus longirostris obsoletus</i>	SE	6-27-71		FE	10-13-70
Light-footed clapper rail <i>Rallus longirostris levipes</i>	SE	6-27-71		FE	10-13-70
Yuma clapper rail <i>Rallus longirostris yumanensis</i>	<b><u>ST</u></b> SE	2-22-78 6-27-71		FE	3-11-67
Greater sandhill crane <i>Grus canadensis tabida</i>	ST	4-17-83			
Western snowy plover <i>Charadrius nivosus nivosus</i> <sup>69</sup>				FT <sup>70</sup>	4-05-93

<sup>64</sup> Synonymous with *Diomedea albatrus*.

<sup>65</sup> Listed as Endangered in one of the original species lists, but "due to an inadvertent oversight" when the 1973 ESA repealed the 1969 Act, short-tailed albatross was effectively delisted. Proposed listing to fix this error in 1980, with final rule in 2000.

<sup>66</sup> Federal nomenclature: Brown pelican (*Pelecanus occidentalis*).

<sup>67</sup> At time of federal listing, known as *Branta canadensis leucopareia*.

<sup>68</sup> 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.

<sup>69</sup> Synonymous with *Charadrius alexandrinus nivosus*.

<sup>70</sup> Federal status applies only to the Pacific coastal population.

California least tern <i>Sternula antillarum browni</i> <sup>71</sup>	SE	6-27-71		FE	6-02-70
Marbled murrelet <i>Brachyramphus marmoratus</i>	SE	3-12-92		FT	9-28-92
Scripps's murrelet (=Xantus's murrelet) <i>Synthliboramphus scrippsi</i> <sup>72</sup>	ST	12-22-04			
Guadalupe murrelet (=Xantus's murrelet) <i>Synthliboramphus hypoleucus</i> <sup>73</sup>	ST	12-22-04			
Western yellow-billed cuckoo <sup>74</sup> <i>Coccyzus americanus occidentalis</i>	<u>SE</u> ST	3-26-88 6-27-71		FT	11-3-2014
Elf owl <i>Micrathene whitneyi</i>	SE	10-02-80			
Northern spotted owl <i>Strix occidentalis caurina</i>	ST <sup>75</sup>	08-25-16		FT	7-23-90
Great gray owl <i>Strix nebulosa</i>	SE	10-02-80			
Gila woodpecker <i>Melanerpes uropygialis</i>	SE	3-17-88			
Gilded (=Gilded northern) flicker <i>Colaptes chrysoides</i> <sup>76</sup>	SE	3-17-88			
Willow flycatcher <i>Empidonax traillii</i>	SE <sup>77</sup>	1-02-91			
Southwestern willow flycatcher <i>Empidonax traillii extimus</i>	(SE)			FE	3-29-95
Bank swallow <i>Riparia riparia</i>	ST	6-11-89			
Coastal California gnatcatcher <i>Polioptila californica californica</i>				FT	3-30-93
San Clemente loggerhead shrike <i>Lanius ludovicianus mearnsi</i>				FE	9-12-77
Arizona Bell's vireo <i>Vireo bellii arizonae</i>	SE	3-17-88			
Least Bell's vireo <i>Vireo bellii pusillus</i>	SE	10-02-80		FE	6-02-86

<sup>71</sup> Listed by the State of California and federal government as *Sterna antillarum browni*.

<sup>72</sup> At the time of listing, this species was known as the Xantus's Murrelet (*Synthliboramphus hypoleucus*, with California breeding populations ascribed to *Synthliboramphus hypoleucus* subsp. *scrippsi*).

<sup>73</sup> At the time of listing, this species was known as the Xantus's Murrelet (*Synthliboramphus hypoleucus*, with breeding populations from Baja California ascribed to *Synthliboramphus hypoleucus* subsp. *hypoleucus*).

<sup>74</sup> Listing is for the western DPS of *Coccyzus americanus*.

<sup>75</sup> On August 25, 2016 the FGC voted to list the Northern spotted owl as threatened. Notice of Findings and Final Effective Date pending.

<sup>76</sup> Listed by the State of California as *Colaptes auratus chrysoides*.

<sup>77</sup> State listing includes all subspecies.

Inyo California towhee <i>Melospiza crissalis eremophilus</i> <sup>78</sup>	SE	10-02-80		FPD FT	11-04-2013 9-02-87
San Clemente sage sparrow <i>Artemisospiza belli clementeae</i> <sup>79</sup>				FT	9-12-77
Belding's savannah sparrow <i>Passerculus sandwichensis beldingi</i> <sup>80</sup>	SE	1-10-74			
Santa Barbara song sparrow ( <b>Extinct</b> ) <i>Melospiza melodia graminea</i>				<b>Delisted</b> FE	10-12-83 6-04-73
Tricolored blackbird <i>Agelaius tricolor</i>	SC	12-10-15 <sup>81</sup>			
<b><u>MAMMALS</u></b>					
Point Arena mountain beaver <i>Aplodontia rufa nigra</i>				FE	12-12-91
Nelson's (=San Joaquin antelope) antelope squirrel <i>Ammospermophilus nelsoni</i>	ST	10-02-80			
Mohave ground squirrel <i>Xerospermophilus mohavensis</i> <sup>82</sup>	ST	6-27-71			
Morro Bay kangaroo rat <i>Dipodomys heermanni morroensis</i>	SE	6-27-71		FE	10-13-70
Giant kangaroo rat <i>Dipodomys ingens</i>	SE	10-02-80		FE	1-05-87
San Bernardino kangaroo rat <sup>83</sup> <i>Dipodomys merriami parvus</i>				FE	9-24-98
Tipton kangaroo rat <i>Dipodomys nitratooides nitratooides</i>	SE	6-11-89		FE	8-08-88
Fresno kangaroo rat <i>Dipodomys nitratooides exilis</i>	<b>SE</b> <b>ST</b>	10-02-80 6-27-71		FE	3-01-85
Stephens' kangaroo rat <i>Dipodomys stephensi</i>	ST	6-27-71		FE	10-31-88
Pacific pocket mouse <i>Perognathus longimembris pacificus</i>				FE	9-26-94
Amargosa vole <i>Microtus californicus scirpensis</i>	SE	10-02-80		FE	12-17-84
Riparian woodrat <i>Neotoma fuscipes riparia</i>				FE	3-24-00

<sup>78</sup> Listed by the State of California and federal government as *Pipilo crissalis eremophilus*.

<sup>79</sup> Federal nomenclature at time of listing: *Amphispiza belli clementeae*.

<sup>80</sup> Listed by the State of California as *Passerculus sandwichensis beldingii*

<sup>81</sup> FGC voted to advance to candidacy December 10, 2015. Notice date pending.

<sup>82</sup> Listed by the State of California as *Spermophilus mohavensis*.

<sup>83</sup> Federal nomenclature: San Bernardino Merriam's kangaroo rat.

Salt-marsh harvest mouse <i>Reithrodontomys raviventris</i>	SE	6-27-71		FE	10-13-70
Riparian brush rabbit <i>Sylvilagus bachmani riparius</i>	SE	5-29-94		FE	3-24-00
Buena Vista Lake ornate shrew <i>Sorex ornatus relictus</i>				FE	4-05-02
Lesser long-nosed bat <i>Leptonycteris yerbabuenae</i>				FE	10-31-88
Gray wolf <i>Canis lupus</i>	SE	01-01-17		FPD <b>FE</b>	6-13-13 4-10-78
Island fox <i>Urocyon littoralis</i>	ST <sup>84</sup>	6-27-71		(FE)	
San Miguel Island Fox <i>Urocyon littoralis littoralis</i>	(ST)			<b>Delisted</b> FE	9-12-16 4-05-04
Santa Catalina Island Fox <i>Urocyon littoralis catalinae</i>	(ST)			<b>FT</b> FE	9-12-16 4-05-04
Santa Cruz Island Fox <i>Urocyon littoralis santacruzae</i>	(ST)			<b>Delisted</b> FE	2-16-16 4-05-04
Santa Rosa Island Fox <i>Urocyon littoralis santarosae</i>	(ST)			<b>Delisted</b> FE	2-16-16 4-05-04
San Joaquin kit fox <i>Vulpes macrotis mutica</i>	ST	6-27-71		FE	3-11-67
Sierra Nevada red fox <i>Vulpes vulpes necator</i>	ST	10-02-80			
Guadalupe fur seal <i>Arctocephalus townsendi</i>	ST	6-27-71		<b>FT</b> FE	1-15-86 3-11-67
Steller sea lion - Eastern DPS ( <b>Recovered</b> ) <i>Eumetopias jubatus</i>				<b>Delisted</b> <sup>85</sup> FT	12-4-13 6-4-97 <sup>86</sup>
Southern sea otter <i>Enhydra lutris nereis</i>				FT	1-14-77
North American wolverine <i>Gulo gulo luscus</i> <sup>87</sup>	ST	6-27-71		FPT <sup>88</sup>	2-04-13 <sup>89</sup>
Humboldt (=Coastal) Marten <i>Martes caurina humboldtensis</i>	SC	2-16-2016			

<sup>84</sup> State listing includes all 6 subspecies on all 6 islands. Federal listing is for only 4 subspecies on 4 islands.

<sup>85</sup> Delisted by NMFS.

<sup>86</sup> The NMFS reclassified Steller sea lion as two distinct population segments: western DPS west of 144 degrees longitude (Endangered), and eastern DPS east of 144 degrees longitude (Threatened).

<sup>87</sup> Listed by the State of California as *Gulo gulo*.

<sup>88</sup> Federal proposed listing is for the distinct population segment of the North American wolverine (*Gulo gulo luscus*) occurring in the contiguous U.S.

<sup>89</sup> Date refers to the original date proposed for listing. A USFWS ruling withdrawing the proposed listing on 8-13-2014 was ordered to be revisited under a US District Court Ruling on 4-4-16.

Pacific fisher <sup>90</sup> <i>Pekania [=Martes] pennant</i> (Southern Sierra Nevada ESU)	ST <sup>91</sup>	4-20-2016			
Sierra Nevada (= California) bighorn sheep <i>Ovis canadensis sierrae</i> <sup>92</sup>	<u>SE</u> ST	8-27-99 6-27-71		FE	1-03-00
Peninsular bighorn sheep DPS <sup>93</sup> <i>Ovis canadensis nelsoni</i>	ST	6-27-71		FE	3-18-98
North Pacific right whale <i>Eubalaena japonica</i> <sup>94</sup>				FE <sup>95</sup> FE	4-07-08 6-02-70
Sei whale <i>Balaenoptera borealis</i>				FE	6-02-70
Blue whale <i>Balaenoptera musculus</i>				FE	6-02-70
Fin whale <i>Balaenoptera physalus</i>				FE	6-02-70
Humpback whale – Central America DPS <sup>96</sup> <i>Megaptera novaeangliae</i>				<u>FE</u> FE	10-11-16 6-02-70
Humpback whale – Mexico DPS <sup>97</sup> <i>Megaptera novaeangliae</i>				<u>FT</u> FE	10-11-16 6-02-70
Gray whale - Eastern North Pacific DPS ( <b>Recovered</b> ) <i>Eschrichtius robustus</i>				<u>Delisted</u> <sup>98</sup> FE	6-16-94 6-02-70
Killer whale - Southern Resident DPS <i>Orcinus orca</i>				FE <sup>99</sup> FE	4-04-07 2-16-06
Sperm whale <i>Physeter macrocephalus</i> <sup>100</sup>				FE	6-02-70

<sup>90</sup> California candidacy is under *Martes pennanti* and common name Pacific fisher, whereas the USFWS refers to *Martes pennant* and common name fisher. USFWS candidacy refers to the West Coast DPS in California, Oregon, and Washington.

<sup>91</sup> The FGC Notice of Findings stated that the Pacific fisher southern Sierra ESU (defined as California south of the Merced River) is determined to be listed as threatened. Final date of legislation pending.

<sup>92</sup> Listed by the State of California as California bighorn sheep (*Ovis canadensis californiana*).

<sup>93</sup> Listed by the State of California as *Ovis canadensis cremnobates*. The subspecies *O.c. cremnobates* has been synonymized with *O.c. nelsoni*. The desert bighorn sheep in the Peninsular Ranges, the Peninsular bighorn sheep, is now considered to be a Distinct Population Segment (DPS) of *O.c. nelsoni*.

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

<sup>95</sup> The NMFS completed a status review of right whales in the N. Pacific and N. Atlantic Oceans and determined the previously Endangered northern right whale (*Eubalaena* spp.) as two separate Endangered species: North Pacific right whale (*E. japonica*) and North Atlantic right whale (*E. glacialis*).

<sup>96</sup> Also known as Hump-backed whale. 2016 ruling by NMFS established 14 DPS. Both the Mexico DPS and Central America DPS feed and travel off the coast of California.

<sup>97</sup> Also known as Hump-backed whale. 2016 ruling by NMFS established 14 DPS. Both the Mexico DPS and Central America DPS feed and travel off the coast of California.

<sup>98</sup> The NMFS delisted the California population (Eastern North Pacific DPS), while keeping the Western North Pacific DPS as Endangered.

<sup>99</sup> The Southern Resident DPS of killer whale was listed as Endangered by the NMFS on Feb 16, 2006 and by the USFWS on Apr 4, 2007.

<sup>100</sup> Federal nomenclature at time of listing: *Physeter catodon*.

**ABBREVIATIONS**

CCR: California Code of Regulations

CDFW: California Department of Fish and Wildlife (previously known as Department of Fish and Game (DFG))

CESA: California Endangered Species Act

DPS: Distinct population segment

ESA: Endangered Species Act (Federal)

ESU: Evolutionarily significant unit

FGC: California Fish and Game Commission

NMFS: National Marine Fisheries Service

NOAA: National Oceanic and Atmospheric Administration

USFWS: United States Fish and Wildlife Service

**ADDITIONAL RESOURCES**

The California Fish and Game Commission publishes notices relating to changes to Title 14 of the California Code of Regulations: <http://www.fgc.ca.gov/>

Title 14 of the California Code of Regulations can be accessed through The Office of Administrative Law: <http://www.oal.ca.gov/>

The U.S. Fish and Wildlife Service is responsible for protecting Endangered and Threatened species, and conserving candidate species and at-risk species so that ESA listing is not necessary: <http://www.fws.gov/Endangered/>

NOAA's National Marine Fisheries Service, Office of Protected Resources is responsible for protecting marine mammals and Endangered and Threatened marine life: <http://www.nmfs.noaa.gov/pr/>