



**California Department of Fish and Wildlife
California Natural Diversity Database (CNDDDB)**



SPECIAL ANIMALS LIST

July 2016

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Special Animals

(904 taxa)

Last updated July 2016

“Special Animals” is a broad term used to refer to all the animal taxa tracked by the Department of Fish and Wildlife’s California Natural Diversity Database (CNDDDB), regardless of their legal or protection status. This list is also referred to as the list of “species at risk” or “special status species”. The Special Animals list includes species, subspecies, or Evolutionarily Significant Units (ESU) where at least one of the following conditions applies:

- Officially listed or proposed for listing under the State and/or Federal Endangered Species Acts;
- Taxa considered by the Department to be a Species of Special Concern (SSC);
- Taxa which meet the criteria for listing, even if not currently included on any list, as described in Section 15380 of the California Environmental Quality Act Guidelines. (More information on CEQA is available at: <http://resources.ca.gov/ceqa/guidelines>)
- Taxa that are biologically rare, very restricted in distribution, or declining throughout their range but not currently threatened with extirpation;
- Population(s) in California that may be peripheral to the major portion of a taxon’s range but are threatened with extirpation in California;
- Taxa closely associated with a habitat that is declining in California at a significant rate (e.g. wetlands, riparian, vernal pools, old growth forests, desert aquatic systems, native grasslands, valley shrubland habitats, etc.);
- Taxa designated as a special status, sensitive, or declining species by other state or federal agencies, or a non-governmental organization (NGO) and determined by the CNDDDB to be rare, restricted, declining, or threatened across their range in California.

Taxa marked with a “+” to the left of the scientific name are those for which there is location information in the CNDDDB Geographic Information System (GIS), as of the date of this list.

Taxa with a “Yes” in the “Notes” column have more information in an end note at the back of the list.

Additional information on the CNDDDB is available on the Department of Fish and Wildlife web site at: <http://www.dfg.ca.gov/biogeodata/cnddb>

Additional information on other Department resource management programs is available at: <https://www.wildlife.ca.gov/Conservation>

The Species Conservation & Recovery Program has additional information on wildlife habitat, threats, and survey guidelines at: <http://www.dfg.ca.gov/wildlife/nongame>

NatureServe Element Ranking

All Heritage Programs, such as the California Natural Diversity Database (CNDDDB) use the same ranking methodology, originally developed by The Nature Conservancy and now maintained and recently revised by NatureServe. It includes a **Global rank** (G-rank), describing the rank for a given taxon over its entire distribution and a **State rank** (S-rank), describing the rank for the taxon over its state distribution. For subspecies and varieties, there is also a “T” rank describing the global rank for the infraspecific taxon. The next page of this document details the criteria used to assign element ranks, from G1 to G5 for the Global rank and from S1 to S5 for the State rank. Procedurally, state programs such as the CNDDDB develop the State ranks. The Global ranks are determined collaboratively among the Heritage Programs for the states/provinces containing the species. NatureServe then checks for consistency and logical errors at the national level. Because the units of conservation may include non-taxonomic biological entities such as populations or ecological communities, NatureServe refers to the targets of biological conservation as elements rather than taxa.

An element rank is assigned using standard criteria and rank definitions. This standardization makes the ranks comparable between organisms and across political boundaries. NatureServe has developed a “rank calculator” to help increase repeatability and transparency of the ranking process. The three main categories that are taken into consideration when assigning an element rank are rarity, threats, and trends. Within these three categories, various factors are considered including:

- Range extent, area of occupancy, population size, total number of occurrences, environmental specificity and number of good occurrences (ranked A or B).
- Overall threat impact as well as intrinsic vulnerability (if threats are unknown).
- Long-term and short-term trends.

Detailed information on the newest element ranking methodology can be found here: https://connect.natureserve.org/publications/StatusAssess_Methodology

With the above considerations in mind, refer below for the numerical definitions for G1-5 and S1-5. An element’s ranking status may be adjusted up or down depending upon the considerations above.

Element Ranking

GLOBAL RANKING

The *global rank* (G-rank) is a reflection of the overall status of an element throughout its global range. **Both Global and State ranks represent a letter and number score that reflects a combination of Rarity, Threat, and Trend factors, with weighting being heavier on Rarity than the other two.**

SPECIES OR NATURAL COMMUNITY LEVEL

- G1 = Critically Imperiled**—At very high risk of extinction due to extreme rarity (often 5 or fewer populations), very steep declines, or other factors.
- G2 = Imperiled**—At high risk of extinction due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.
- G3 = Vulnerable**—At moderate risk of extinction due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors.
- G4 = Apparently Secure**—Uncommon but not rare; some cause for long-term concern due to declines or other factors.
- G5 = Secure**—Common; widespread and abundant.

SUBSPECIES LEVEL

Taxa which are subspecies or varieties receive a taxon rank (**T-rank**) attached to their G-rank. Where the G-rank reflects the condition of the entire species, the T-rank reflects the global situation of just the subspecies. For example: the Point Reyes mountain beaver, *Aplodontia rufa* ssp. *phaea* is ranked G5T2. The G-rank refers to the whole species range i.e., *Aplodontia rufa*. The T-rank refers only to the global condition of ssp. *phaea*.

STATE RANKING

The *state rank* (S-rank) is assigned much the same way as the global rank, but state ranks refer to the imperilment status only within California's state boundaries.

- S1 = Critically Imperiled**—Critically imperiled in the state because of extreme rarity (often 5 or fewer populations) or because of factor(s) such as very steep declines making it especially vulnerable to extirpation from the state.
- S2 = Imperiled**—Imperiled in the state because of rarity due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors making it very vulnerable to extirpation from the state.
- S3 = Vulnerable**—Vulnerable in the state due to a restricted range, relatively few populations (often 80 or fewer), recent and widespread declines, or other factors making it vulnerable to extirpation from the state.
- S4 = Apparently Secure**—Uncommon but not rare in the state; some cause for long-term concern due to declines or other factors.
- S5 = Secure**—Common, widespread, and abundant in the state.

Notes:

1.	Other considerations used when ranking a species or natural community include the pattern of distribution of the element on the landscape, fragmentation of the population/stands, and historical extent as compared to its modern range. It is important to take a bird's eye or aerial view when ranking sensitive elements rather than simply counting element occurrences.		3.	Other symbols: GH All sites are historical ; the element has not been seen for at least 20 years, but suitable habitat still exists (SH = All California sites are historical). GX All sites are extirpated ; this element is extinct in the wild (SX = All California sites are extirpated). GXC Extinct in the wild; exists in cultivation. G1Q The element is very rare, but there are taxonomic questions associated with it. T Rank applies to a subspecies or variety.
2.	Uncertainty about the rank of an element is expressed in two major ways: By expressing the ranks as a range of values: e.g., S2S3 means the rank is somewhere between S2 and S3. By adding a “?” to the rank: e.g., S2? This represents more certainty than S2S3, but less certainty than S2.			

Animal Element Occurrences and Mapping

What is an Element Occurrence?

An Element Occurrence (EO) is a location where the element has been documented to occur. It is a concept developed and applied within the NatureServe natural heritage network. **An EO is not a population**, but it may indicate that a population is present in that area; and a single population may be represented by more than one EO. An EO is based upon the source documents available to us at the time it was mapped. Both the mapped feature and the text portion of EO's are updated as new information becomes available.

Element Occurrence (EO) Definitions vary by taxa:

The EO definition refers to the types of information we map. For most animal taxa, the CNDDDB is interested in information that indicates the presence of a resident population. However, for many migratory birds the CNDDDB tracks detections of nest sites or behaviors indicating reproduction is occurring at the site. Details about avian detections are available in our Submitting Avian Detections document at:

https://www.dfg.ca.gov/biogeodata/cnddb/submitting_data_to_cnddb.asp. For other taxa where we track only a certain part of their range or life history, the area or life stage is indicated on the list under the "Comment" column.

Mapping Conventions:

Our information is mapped to balance precision and uncertainty, based upon the source materials used to determine the location of the element occurrence (EO). Data with precise location information are mapped with 80m radius circles or specific polygons. Data with vague location information are mapped with non-specific circular features or non-specific polygons. Non-specific features indicate that the species was found somewhere within the mapped area, but the exact location was unknown. Generally, observations/collections within ¼ mile and/or within continuous habitat, are combined into a single element occurrence (EO).

Taxonomic References

Last updated July 2016

Taxonomic References and Sources of Additional Information:

The CNDDDB follows current published taxonomy for animals as recognized by the scientific organizations listed below. The CNDDDB reviews publications that propose new taxonomy and nomenclature for CNDDDB-tracked species, and evaluates whether these proposals are recognized and accepted by the larger scientific community. The CNDDDB makes every effort to use the best available science in the taxonomy we use, but different experts may recognize different names for some time after a taxonomic change is proposed. In these cases, the CNDDDB will generally use the preexisting nomenclature until a change is formally recognized beyond the initial publication. In addition, the CNDDDB recognizes some taxa identified by experts on the California fauna where these taxa may not be recognized by national biological societies. We generally follow the taxonomy used by NatureServe, with additional evaluation of taxonomy from the following sources:

For reptiles and amphibians:

The Center for North American Herpetology (<http://www.cnah.org>)

The Society for the Study of Amphibians and Reptiles (<http://www.ssarherps.org>)

For fish:

Moyle, P. B. 2002. Inland Fishes of California. University of California Press.

Nelson, J.S., E.J. Crossman, H. Espinosa-Perez, L.T. Findley, C.R. Gilbert, R.N. Lea, and J. D. Williams. 2004. Common and scientific names of fishes from the United States, Canada, and Mexico. American Fisheries Society, Special Publication 29, Bethesda, Maryland. 386 pp.

Jelks, H.L., S.J. Walsh, N.M. Burkhead, S. Contreras-Balderas, E. Díaz-Pardo, D.A. Hendrickson, J. Lyons, N.E. Mandrak, F. McCormick, J.S. Nelson, S.P. Platania, B.A. Porter, C.B. Renaud, J.J. Schmitter-Soto, E.B. Taylor, and M.L. Warren, Jr. 2008. Conservation status of imperiled North American freshwater and diadromous fishes. *Fisheries* 33(8):372-407.

For birds:

The checklist of the American Ornithologists' Union: <http://checklist.aou.org/>

For mammals:

The American Society of Mammalogists:

<http://www.mammalsociety.org/publications/mammalian-species>

Baker, R.J., L.C. Bradley, R.D. Bradley, J.W. Dragoo, M.D. Engstrom, R.S. Hoffman, C.A. Jones, F. Reid, D.W. Rice, & C. Jones. 2003. Revised Checklist of North American Mammals North of Mexico, 2003. Museum of Texas Tech University Occasional Papers 229:1-23. Available at:

<http://www.nsrll.ttu.edu/publications/opapers/ops/op229.pdf>

Listing and Special Status Information

Last updated July, 2016

CALIFORNIA ENDANGERED SPECIES ACT (CESA) LISTING CODES: The listing status of each species is current as of the date of this list. The most current changes in listing status will be found in the “Endangered and Threatened Animals List,” which the CNDDDB updates and issues quarterly.

SE	State listed as Endangered
ST	State listed as Threatened
SCE	State candidate for listing as Endangered
SCT	State candidate for listing as Threatened
SCD	State candidate for delisting

FEDERAL ENDANGERED SPECIES ACT (ESA) LISTING CODES: The listing status is current as of the date of this list. The most current changes in listing status will be found in the “Endangered and Threatened Animals List,” which the CNDDDB updates and issues quarterly. Federal listing actions contained in the Federal Register are also available at:

<http://www.regulations.gov>

FE	Federally listed as Endangered
FT	Federally listed as Threatened
FPE	Federally proposed for listing as Endangered
FPT	Federally proposed for listing as Threatened
FPD	Federally proposed for delisting
FC	Federal candidate species (former Category 1 candidates)

Section 4(c)(2)(A) of the Act requires the U.S. Fish and Wildlife Service to conduct a **review** of listed species at least once every **five** years. Five year reviews from the Pacific Southwest Region are available at: <http://www.fws.gov/cno/es/recovery.html>

OTHER STATUS CODES

The status of species on the Special Animals List according to other conservation organizations is provided. Taxa on these lists are reviewed for inclusion in the CNDDDB Special Animals List, but are not automatically included. For example, taxa that are regionally rare within a portion of California may not be included, because they may be of lesser conservation concern across their full range in California.

American Fisheries Society (AFS): Designations for freshwater and diadromous species were taken from the paper:

Jelks, H.L., S.J. Walsh, N.M. Burkhead, S. Contreras-Balderas, E. Díaz-Pardo, D.A. Hendrickson, J. Lyons, N.E. Mandrak, F. McCormick, J.S. Nelson, S.P. Platania, B.A. Porter, C.B. Renaud, J.J. Schmitter-Soto, E.B. Taylor, and M.L. Warren, Jr. 2008. Conservation status of imperiled North American freshwater and diadromous fishes.

Fisheries 33(8):372-407.

Available at: http://www.fs.fed.us/rm/pubs_other/rmrs_2008_jelks_h001.pdf

Designations for marine and estuarine species were taken from the paper:

Musick, J.A. et al. 2000. "Marine, Estuarine, and Diadromous Fish Stocks at Risk of Extinction in North America (Exclusive of Pacific Salmonids). Fisheries 25(11):6-30.

Available at: <http://www.flmnh.ufl.edu/fish/sharks/sawfish/Reprint1390.pdf>

BLM Sensitive: Bureau of Land Management (BLM) Manual §6840 states that "BLM sensitive species are: (1) species listed or proposed for listing under the Endangered Species Act (ESA), and (2) species requiring special management consideration to promote their conservation and reduce the likelihood and need for future listing under the ESA, which are designated as Bureau sensitive by the State Director(s). All Federal candidate species, proposed species, and delisted species in the 5 years following delisting will be conserved as Bureau sensitive species." The California-BLM Sensitive Animals list is available at: <http://www.blm.gov/ca/st/en/prog/wildlife.html>

CDF Sensitive: California Department of Forestry and Fire Protection classifies "sensitive species" as those species that warrant special protection during timber operations. The list of "sensitive species" is given in §895.1 (Definitions) of the California Forest Practice Rules. The 2016 Forest Practice Rules are available at: http://www.calfire.ca.gov/resource_mgt/resource_mgt_forestpractice.php.

CDFW Species of Special Concern (SSC): It is the goal and responsibility of the Department of Fish and Wildlife to maintain viable populations of all native species. To this end, the Department has designated certain vertebrate species as Species of Special Concern because declining population levels, limited ranges, and/or continuing threats have made them vulnerable to extinction. The goal of designating species as "Species of Special Concern" is to halt or reverse their decline by calling attention to their plight and addressing the issues of concern early enough to secure their long term viability. Not all "Species of Special Concern" have declined equally; some species may be just starting to decline, while others may have already reached the point where they meet the criteria for listing as a "Threatened" or "Endangered" species under the State and/or Federal Endangered Species Acts. More information is available at: <https://www.dfg.ca.gov/wildlife/nongame/ssc/>

CDFW Fully Protected: The classification of Fully Protected was the State's initial effort to identify and provide additional protection to those animals that were rare or faced possible extinction. Lists were created for fish, amphibians and reptiles, birds and mammals. Most of the species on these lists have subsequently been listed under the California and/or Federal Endangered Species Acts; the exceptions are white-tailed kite, golden eagle, trumpeter swan, northern elephant seal, and ring-tailed cat. The white-tailed kite and the golden eagle are tracked in the CNDDDB; the trumpeter swan, northern elephant seal and ring-tailed cat are not. The Fish and Game Code sections dealing with Fully Protected species state that these species "...may not be taken or possessed at any time and no provision of this code or any other law shall be construed to authorize the issuance of permits or licenses to take any fully protected" species, although take may be authorized for necessary scientific research. This language arguably makes the "Fully Protected" designation the strongest and most restrictive regarding the "take" of these species. In 2003, the code sections dealing with Fully Protected

species were amended to allow the Department to authorize take resulting from recovery activities for state-listed species. More information on Fully Protected species and the take provisions can be found in the Fish and Game Code, (birds at §3511, mammals at §4700, reptiles and amphibians at §5050, and fish at §5515). Additional information on Fully Protected fish can be found in the California Code of Regulations, Title 14, Division 1, Subdivision 1, Chapter 2, Article 4, §5.93. The category of Protected Amphibians and Reptiles in Title 14 has been repealed. [The Fish and Game Code](#) and [Title 14 of the California Code of Regulations](#) are available online.

IUCN - The International Union for Conservation of Nature (IUCN): The IUCN assesses, on a global scale, the conservation status of species, subspecies, varieties and even selected subpopulations in order to highlight taxa threatened with extinction, and therefore promote their conservation. Detailed information on the IUCN and the Red List is available at: <http://www.iucnredlist.org>

Marine Mammal Commission Marine Mammal Species of Special Concern: Section 202 of the Marine Mammal Protection Act directs the Marine Mammal Commission, in consultation with its Committee of Scientific Advisors, to make recommendations to the Department of Commerce, the Department of the Interior, and other federal agencies on research and management actions needed to conserve species of marine mammals. To meet this charge, the Commission devotes special attention to particular species and populations that are vulnerable to various types of human-related activities, impacts, and contaminants. Such species may include marine mammals listed as Endangered or Threatened under the Endangered Species Act or as depleted under the Marine Mammal Protection Act. In addition, the Commission often directs special attention to other species or populations of marine mammals not so listed whenever special conservation challenges arise that may affect them. More information on the Marine Mammal Protection Act and the Marine Mammal Species of Special Concern list is available at: <http://www.mmc.gov/priority-topics/species-of-concern/>

North American Bird Conservation Initiative (NABCI): The North American Bird Conservation Initiative is a coalition of government agencies and private organizations that works to ensure the long-term health North America's native bird populations. They publish an annual State of the Birds report which includes a watch list of bird species in need of conservation help. Species on the list are assigned to either the Red Watch List for species with extremely high vulnerability, or Yellow Watch List for species that may be range restricted or may be more widespread but with declines and high threats. More information is available at: <http://stateofthebirds.org>.

National Marine Fisheries Service (NMFS) Species of Concern: The Office of Protected Resources (OPR) is a headquarters program office of NOAA's National Marine Fisheries Service (NOAA Fisheries Service, or NMFS), under the U.S. Department of Commerce, with responsibility for protecting marine mammals and endangered marine life. NOAA's Office of Protected Resources works to conserve, protect, and recover species under the Endangered Species Act (ESA) and the Marine Mammal Protection Act (MMPA). The category "Species of Concern" was established by the National Marine Fisheries Service (NMFS) effective 15 April 2004. Species of Concern are those species about which NOAA's National Marine Fisheries Service (NMFS) has some concerns regarding status and threats, but for which insufficient information is available to indicate a need to list the species under the Endangered Species

Act (ESA). "Species of Concern" status does not carry any procedural or substantive protections under the ESA, but is meant to draw proactive attention and conservation action to these species. More information is available at: <http://www.nmfs.noaa.gov/pr/species/concern>.

U.S. Fish and Wildlife Service: Birds of Conservation Concern: The goal of the *Birds of Conservation Concern 2008* report is to accurately identify the migratory and non-migratory bird species (beyond those already designated as Federally Threatened or Endangered) that represent our highest conservation priorities and draw attention to species in need of conservation action. This report is available at: <http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>

U.S. Forest Service Sensitive: USDA Forest Service defines sensitive species as plant and animal species identified by a regional forester that are not listed or proposed for listing under the Federal Endangered Species Act for which population viability is a concern, as evidenced by significant current or predicted downward trends in population numbers or density, or significant current or predicted downward trends in habitat capability that would reduce a species' existing distribution. Regional Foresters shall identify sensitive species occurring within the region. California is the Pacific Southwest Region (Region 5). More information is available at: <http://www.fs.usda.gov/main/r5/plants-animals> and at: http://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5435266.xlsx

Western Bat Working Group (WBWG): The WBWG is comprised of agencies, organizations and individuals interested in bat research, management and conservation from the 13 western states and provinces. The goals are (1) to facilitate communication among interested parties and reduce risks of species decline or extinction; (2) to provide a mechanism by which current information on bat ecology, distribution and research techniques can be readily accessed; and (3) to develop a forum to discuss conservation strategies, provide technical assistance and encourage education programs. Species are ranked as High, Medium, or Low Priority in each of 10 regions in western North America. Because California includes multiple regions where a species may have different WBWG Priority ranks, the CNNDDB includes categories for Medium-High, and Low-Medium Priority. The CNDDDB tracks bat species that are at least Low-Medium Priority in California. More information is available at: <http://www.wbwg.org>.

Xerces Society Red List: The Xerces Society is an international non-profit organization dedicated to protecting biological diversity through invertebrate conservation. The Society advocates for invertebrates and their habitats by working with scientists, land managers, educators, and citizens on conservation and education projects. Their core programs focus on endangered species, native pollinators, and watershed health. More information on the Red List is available at: <http://www.xerces.org>.

Table of Special Status Code Abbreviations

Organization	Abbreviation
American Fisheries Society - Endangered	AFS_EN
American Fisheries Society - Threatened	AFS_TH
American Fisheries Society - Vulnerable	AFS_VU
Bureau of Land Management - Sensitive	BLM_S
Calif Dept of Forestry & Fire Protection - Sensitive	CDF_S
Calif Dept of Fish & Wildlife - Fully Protected	CDFW_FP
Calif Dept of Fish & Wildlife - Species of Special Concern	CDFW_SSC
Calif Dept of Fish & Wildlife - Watch List	CDFW_WL
IUCN - Critically Endangered	IUCN_CR
IUCN - Endangered	IUCN_EN
IUCN - Near Threatened	IUCN_NT
IUCN - Vulnerable	IUCN_VU
IUCN - Least Concern	IUCN_LC
IUCN - Data Deficient	IUCN_DD
IUCN - Conservation Dependent	IUCN_CD
Marine Mammal Commission - Species of Special Concern	MMC_SSC
National Marine Fisheries Service - Species of Concern	NMFS_SC
North American Bird Conservation Initiative- Red Watch List	NABCI_RWL
North American Bird Conservation Initiative- Yellow Watch List	NABCI_YWL
U. S. Forest Service - Sensitive	USFS_S
U. S. Fish & Wildlife Service Birds of Conservation Concern	USFWS_BCC
Western Bat Working Group - High Priority	WBWG_H
Western Bat Working Group - Medium-High Priority	WBWG_MH
Western Bat Working Group - Medium Priority	WBWG_M
Western Bat Working Group - Low-Medium Priority	WBWG_LM
Xerces Society - Critically Imperiled	XERCES_CI
Xerces Society - Imperiled	XERCES_IM
Xerces Society - Vulnerable	XERCES_VU
Xerces Society - Data Deficient	XERCES_DD

Special Animals List

The remainder of this document contains the CNDDDB's Special Animals List current as of the date on the title page of this document. For additional information on how CNDDDB determines what species to track please see the [CNDDDB webpage](#).

Special Animals List - June 2016

Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
PELECYPODA (clams and mussels)						
+ <i>Anodonta californiensis</i> California floater		G3Q S2?	None	None	USFS:S	
<i>Anodonta oregonensis</i> Oregon floater		G5Q S2?	None	None		
+ <i>Gonidea angulata</i> western ridged mussel		G3 S1S2	None	None		
+ <i>Margaritifera falcata</i> western pearlshell		G4G5 S1S2	None	None		
+ <i>Pisidium ultramontanum</i> montane peaclam		G1 S1	None	None	IUCN:VU USFS:S	
GASTROPODA (Snails, slugs and abalone)						
<i>Algamorda newcombiana</i> Newcomb's littorine snail		G5 S1S2	None	None		
+ <i>Ammonitella yatesii</i> tight coin (=Yates' snail)		G1 S1	None	None	IUCN:VU	
+ <i>Ancotrema voyanum</i> hooded lancetooth		G1G2 S1S2	None	None	BLM:S	
+ <i>Assiminea infima</i> Badwater snail		G1 S1	None	None	IUCN:VU	
+ <i>Binneya notabilis</i> Santa Barbara shelled slug		G1 S1	None	None	IUCN:DD	
+ <i>Colligyrus convexus</i> canary duskysnail		G1G2 S1S2	None	None		
+ <i>Eremarionta immaculata</i> white desertsnail		G1 S1	None	None	IUCN:VU	
<i>Eremarionta millepalmarum</i> Thousand Palms desertsnail		G1 S1	None	None	IUCN:VU	
+ <i>Eremarionta morongoana</i> Morongo (=Colorado) desertsnail		G1G3 S1	None	None	IUCN:NT	
+ <i>Eremarionta rowelli bakerensis</i> Baker's desertsnail		G3G4T1 S1	None	None	IUCN:DD	
+ <i>Eremarionta rowelli mccoiana</i> California Mcco snail		G3G4T1 S1	None	None	IUCN:DD	
+ <i>Fluminicola seminalis</i> nugget pebblesnail		G2 S1S2	None	None	USFS:S	
+ <i>Fontelicella</i> sp. Deep Springs fontelicella		G1 S1	None	None		
<i>Glyptostoma gabrielse</i> San Gabriel chestnut		G2 S2	None	None		
<i>Haliotis corrugata</i> pink abalone		G3? S2?	None	None	NMFS:SC	
+ <i>Haliotis cracherodii</i> black abalone		G3 S1S2	Endangered	None	IUCN:CR	
<i>Haliotis fulgens</i> green abalone		G3G4 S2	None	None	NMFS:SC	
<i>Haliotis kamtschatkana</i> pinto abalone		G3G4 S2	None	None	IUCN:EN NMFS:SC	
<i>Haliotis sorenseni</i> white abalone		G1 S1	Endangered	None		
+ <i>Haplotrema catalinense</i> Santa Catalina lancetooth		G1 S1	None	None		
+ <i>Haplotrema durantei</i> ribbed lancetooth		G1G2 S1S2	None	None		
+ <i>Helisoma newberryi</i> Great Basin rams-horn		G1 S1S2	None	None	USFS:S	
+ <i>Helminthoglypta allynsmithi</i> Merced Canyon shoulderband		G1 S1	None	None	IUCN:VU	
+ <i>Helminthoglypta arrosa monticola</i> mountain shoulderband		G2G3T1 S1	None	None		

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Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
GASTROPODA (Snails, slugs and abalone)						
+ <i>Helminthoglypta arrosa pomoensis</i> Pomo bronze shoulderband		G2G3T1 S1	None	None	IUCN:DD	
+ <i>Helminthoglypta ayresiana sanctaerucis</i> Ayer's snail		G1G2T1T2 S1S2	None	None		
+ <i>Helminthoglypta callistoderma</i> Kern shoulderband		G1 S1	None	None	IUCN:EN	
+ <i>Helminthoglypta coelata</i> mesa shoulderband		G1 S1	None	None	IUCN:VU	
+ <i>Helminthoglypta concolor</i> whitefir shoulderband		G1G2 S1S2	None	None		
<i>Helminthoglypta fontiphila</i> Soledad shoulderband		G1 S1	None	None		
+ <i>Helminthoglypta hertleini</i> Oregon shoulderband		G1 S1S2	None	None	BLM:S	
+ <i>Helminthoglypta milleri</i> peak shoulderband		G1 S1	None	None		
+ <i>Helminthoglypta mohaveana</i> Victorville shoulderband		G1 S1	None	None	IUCN:NT	
+ <i>Helminthoglypta nickliniana awania</i> Peninsula coast range shoulderband		G3T1 S1	None	None	IUCN:DD	
+ <i>Helminthoglypta nickliniana bridgesi</i> Bridges' coast range shoulderband		G3T1 S1S2	None	None	IUCN:DD	
+ <i>Helminthoglypta sequoicola consors</i> redwood shoulderband		G2T1 S1	None	None	IUCN:DD	
+ <i>Helminthoglypta stiversiana williamsi</i> Williams' bronze shoulderband		G2G3T1 S1	None	None	IUCN:DD	
+ <i>Helminthoglypta talmadgei</i> Trinity shoulderband		G2 S2	None	None	BLM:S	
+ <i>Helminthoglypta taylori</i> westfork shoulderband		G1 S1	None	None		
<i>Helminthoglypta traskii pacoimensis</i> Pacoima shoulderband		G1G2T1 S1	None	None		
+ <i>Helminthoglypta traskii traskii</i> Trask shoulderband		G1G2T1 S1	None	None		
<i>Helminthoglypta uvasana</i> Grapevine shoulderband		G1 S1	None	None		
<i>Helminthoglypta vasquezii</i> Vasquez shoulderband		G1 S1	None	None		
+ <i>Helminthoglypta walkeriana</i> Morro shoulderband (=banded dune) snail		G1 S1S2	Endangered	None	IUCN:CR	
<i>Herpeteros angelus</i> Soledad desert snail		G1 S1	None	None		
+ <i>Hesperarion plumbeus</i> leaden slug		G1G3 S1S3	None	None		
+ <i>Ipnobius robustus</i> robust tryonia		G1G2 S1	None	None		
+ <i>Juga acutifilosa</i> topaz juga		G2 S2	None	None	USFS:S	
+ <i>Juga chacei</i> Chace juga		G1 S1	None	None	USFS:S	
+ <i>Juga occata</i> scalloped juga		G1 S1	None	None	USFS:S	
+ <i>Juga orickensis</i> redwood juga		G2 S1S2	None	None		
<i>Lanx alta</i> highcap lanx		G2 S1S2	None	None		
<i>Lanx klamathensis</i> scale lanx		G1 S1	None	None		

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GASTROPODA (Snails, slugs and abalone)						
+ <i>Lanx patelloides</i> kneecap lanx		G2 S2	None	None	USFS:S	
+ <i>Megomphix californicus</i> Natural Bridge megomphix		G1G2 S1S2	None	None		
+ <i>Micrarionta facta</i> Santa Barbara islandsnail		G1G2 S1S2	None	None	IUCN:VU	
+ <i>Micrarionta feralis</i> San Nicolas islandsnail		G1 S1	None	None	IUCN:CR	
+ <i>Micrarionta gabbi</i> San Clemente islandsnail		G1 S1	None	None	IUCN:VU	
+ <i>Micrarionta opuntia</i> pricklypear islandsnail		G1 S1	None	None	IUCN:VU	
+ <i>Monadenia callipeplus</i> downy sideband		G1G2 S1S2	None	None		
+ <i>Monadenia chaceana</i> Siskiyou shoulderband		G2G3 S2	None	None	BLM:S	
+ <i>Monadenia churchi</i> Klamath sideband		G2G3 S2	None	None		
+ <i>Monadenia circumcarinata</i> keeled sideband		G1 S1	None	None	BLM:S IUCN:VU	
+ <i>Monadenia cristulata</i> crested sideband		G1G2 S1S2	None	None		
+ <i>Monadenia fidelis leonina</i> A terrestrial snail		G4G5T1T2 S1S2	None	None		
+ <i>Monadenia fidelis pronotis</i> rocky coast Pacific sideband		G4G5T1 S1	None	None		
+ <i>Monadenia infumata ochromphalus</i> yellow-based sideband		G2T1 S1	None	None		
+ <i>Monadenia infumata setosa</i> Trinity bristle snail		G2T2 S2	None	Threatened	IUCN:VU	
<i>Monadenia marmarotis</i> marble sideband		G1 S1	None	None		
+ <i>Monadenia mormonum buttoni</i> Button's Sierra sideband		G2T1 S1S2	None	None		
+ <i>Monadenia mormonum hirsuta</i> hirsute Sierra sideband		G2T1 S1	None	None	BLM:S	
+ <i>Monadenia troglodytes troglodytes</i> Shasta sideband		G1G2T1T2 S1S2	None	None	IUCN:DD USFS:S	
+ <i>Monadenia troglodytes wintu</i> Wintu sideband		G1G2T1T2 S1S2	None	None	IUCN:DD USFS:S	
+ <i>Monadenia tuolumneana</i> Tuolumne sideband		G1 S1	None	None	BLM:S	
+ <i>Monadenia yosemitensis</i> Yosemite Mariposa sideband		G1 S1S2	None	None		
+ <i>Noyo intersessa</i> Ten Mile shoulderband		G2 S2	None	None		
+ <i>Pomatiopsis binneyi</i> robust walker		G1 S1	None	None		
<i>Pomatiopsis californica</i> Pacific walker		G1 S1	None	None		
<i>Pomatiopsis chacei</i> marsh walker		G1 S1	None	None		
+ <i>Pristiloma shepardae</i> Shepard's snail		G1 S1	None	None		
+ <i>Pristinicola hemphilli</i> pristine pyrg		G3 S1	None	None	USFS:S	
<i>Prophysaon coeruleum</i> Blue-gray taildropper slug		G3G4 S1S2	None	None		Yes

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GASTROPODA (Snails, slugs and abalone)						
+ <i>Punctum hannai</i>	Trinity Spot	G1G2 S1S2	None	None		
+ <i>Pyrgulopsis aardahli</i>	Benton Valley (=Aahrdahl's) springsnail	G1 S1	None	None		
+ <i>Pyrgulopsis archimedis</i>	Archimedes pyrg	G1G2 S1S2	None	None		
+ <i>Pyrgulopsis cinerana</i>	Ash Valley pyrg	G1G2 S1S2	None	None		
+ <i>Pyrgulopsis diablensis</i>	Diablo Range pyrg	G1 S1	None	None	IUCN:VU	
+ <i>Pyrgulopsis eremica</i>	Smoke Creek pyrg	G2 S2	None	None		
+ <i>Pyrgulopsis falciglans</i>	Likely pyrg	G1 S1	None	None		
+ <i>Pyrgulopsis gibba</i>	Surprise Valley pyrg	G3 S1S2	None	None		
+ <i>Pyrgulopsis greggi</i>	Kern River pyrg	G1 S1	None	None	IUCN:VU	
+ <i>Pyrgulopsis lassenii</i>	Willow Creek pyrg	G1G2 S1S2	None	None	USFS:S	
+ <i>Pyrgulopsis longae</i>	Long Valley pyrg	G1 S1	None	None		
+ <i>Pyrgulopsis owensensis</i>	Owens Valley springsnail	G1G2 S1S2	None	None	USFS:S	
+ <i>Pyrgulopsis perturbata</i>	Fish Slough springsnail	G1 S1	None	None		
+ <i>Pyrgulopsis rupinicola</i>	Sucker Springs pyrg	G1 S1	None	None		
+ <i>Pyrgulopsis taylori</i>	San Luis Obispo pyrg	G1 S1	None	None		
+ <i>Pyrgulopsis ventricosa</i>	Clear Lake pyrg	G1 S1	None	None	IUCN:CR	
+ <i>Pyrgulopsis wongi</i>	Wong's springsnail	G2 S2	None	None	IUCN:LC USFS:S	
+ <i>Radiocentrum avalonense</i>	Catalina mountainsnail	G1 S1	None	None	IUCN:CR	
+ <i>Rothelix warnerfontis</i>	Warner Springs shoulderband	G1 S1	None	None	USFS:S	
+ <i>Sterkia clementina</i>	San Clemente Island blunt-top snail	G1 S1S2	None	None	IUCN:NT	
+ <i>Trilobopsis roperi</i>	Shasta chaparral	G1 S1	None	None	USFS:S	
+ <i>Trilobopsis tehamana</i>	Tehama chaparral	G1 S1	None	None	BLM:S USFS:S	
+ <i>Tryonia imitator</i>	mimic tryonia (=California brackishwater snail)	G2 S2	None	None	IUCN:DD	
+ <i>Tryonia margae</i>	Grapevine Springs elongate tryonia	G1 S1	None	None		
+ <i>Tryonia rowlandsi</i>	Grapevine Springs squat tryonia	G1 S1	None	None		
+ <i>Vespericola karokorum</i>	Karok hesperian	G2 S2	None	None	IUCN:DD	
+ <i>Vespericola marinensis</i>	Marin hesperian	G2 S2	None	None		
+ <i>Vespericola pressleyi</i>	Big Bar hesperian	G1 S1	None	None	BLM:S USFS:S	
<i>Vespericola scotti</i>	Benson Gulch hesperian	G1 S1	None	None		

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GASTROPODA (Snails, slugs and abalone)						
+ <i>Vespericola shasta</i> Shasta hesperian		G1 S1	None	None	USFS:S	
+ <i>Vespericola sierranus</i> Siskiyou hesperian		G2 S1S2	None	None		
+ <i>Xerarionta intercosa</i> horseshoe snail		G1 S1	None	None	IUCN:VU	
+ <i>Xerarionta redimita</i> wreathed cactusnail		G1G2 S1	None	None	IUCN:VU	
<i>Xerarionta tryoni</i> Bicolor cactusnail		G1 S1	None	None	IUCN:VU	
ARACHNIDA (Spiders and relatives)						
+ <i>Aphrastochthonius grubbsi</i> Grubbs' Cave pseudoscorpion		G1G2 S1S2	None	None		
<i>Aphrastochthonius similis</i> Carlow's Cave pseudoscorpion		G1G2 S1S2	None	None		
<i>Archeolarca aalbui</i> Aalbu's Cave pseudoscorpion		G1G2 S1S2	None	None		
+ <i>Banksula californica</i> Alabaster Cave harvestman		GH SH	None	None		
+ <i>Banksula galilei</i> Galile's cave harvestman		G1 S1	None	None		
+ <i>Banksula grubbsi</i> Grubbs' cave harvestman		G1 S1	None	None		
+ <i>Banksula incredula</i> incredible harvestman		G1 S1	None	None		
+ <i>Banksula martinorum</i> Martins' cave harvestman		G1 S1	None	None		
+ <i>Banksula melones</i> Melones Cave harvestman		G1 S1	None	None	IUCN:VU	
+ <i>Banksula rudolphi</i> Rudolph's cave harvestman		G1 S1	None	None		
+ <i>Banksula tuolumne</i> Tuolumne cave harvestman		G1 S1	None	None		
+ <i>Banksula tutankhamen</i> King Tut Cave harvestman		G1 S1	None	None		
+ <i>Calicina arida</i> San Benito harvestman		G1 S1	None	None		
+ <i>Calicina breva</i> Stanislaus harvestman		G1 S1	None	None		
+ <i>Calicina cloughensis</i> Clough Cave harvestman		G1 S1	None	None		
+ <i>Calicina conifera</i> Crane Flat harvestman		G1 S1	None	None		
+ <i>Calicina diminua</i> Marin blind harvestman		G1 S1	None	None		
+ <i>Calicina dimorphica</i> Watts Valley harvestman		G1 S1	None	None		
+ <i>Calicina macula</i> marbled harvestman		G1 S1	None	None		
+ <i>Calicina mesaensis</i> Table Mountain harvestman		G1 S1	None	None		
+ <i>Calicina minor</i> Edgewood blind harvestman		G1 S1	None	None		
+ <i>Calicina piedra</i> Piedra harvestman		G1 S1	None	None		
+ <i>Calileptoneta briggsi</i> Briggs' leptonetid spider		G1 S1	None	None		
+ <i>Calileptoneta oasa</i> Andreas Canyon leptonetid spider		G1 S1	None	None		

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ARACHNIDA (Spiders and relatives)						
+ <i>Calileptoneta ubicki</i> Ubick's leptonetid spider		G1 S1	None	None		
+ <i>Calileptoneta wapiti</i> Mendocino leptonetid spider		G1 S1	None	None		
+ <i>Fissilicreagris imperialis</i> Empire Cave pseudoscorpion		G1 S1	None	None	IUCN:VU	
+ <i>Hubbardia idria</i> Idria short-tailed whipscorpion		G1 S1	None	None		
+ <i>Hubbardia secoensis</i> Arroyo Seco short-tailed whipscorpion		G1 S1	None	None		
+ <i>Hubbardia shoshonensis</i> Shoshone Cave whip-scorpion		G1 S1	None	None	BLM:S	Yes
+ <i>Larca laceyi</i> Lacey's Cave pseudoscorpion		G1G2 S1	None	None		
+ <i>Meta dolloff</i> Dolloff Cave spider		G1 S1	None	None	IUCN:VU	
+ <i>Microcina edgewoodensis</i> Edgewood Park micro-blind harvestman		G1 S1	None	None		
+ <i>Microcina homi</i> Hom's micro-blind harvestman		G1 S1	None	None		
+ <i>Microcina jungi</i> Jung's micro-blind harvestman		G1 S1	None	None		
+ <i>Microcina leei</i> Lee's micro-blind harvestman		G1 S1	None	None		
+ <i>Microcina lumi</i> Lum's micro-blind harvestman		G1 S1	None	None		
+ <i>Microcina tiburona</i> Tiburon micro-blind harvestman		G1 S1	None	None		
+ <i>Neochthonius imperialis</i> Empire Cave pseudoscorpion		G1 S1	None	None		
+ <i>Pseudogarypus orpheus</i> Music Hall Cave pseudoscorpion		G1G2 S1	None	None		
+ <i>Socalchemmis gertschi</i> Gertsch's socalchemmis spider		G1 S1	None	None		
+ <i>Socalchemmis icenoglei</i> Icenogle's socalchemmis spider		G1 S1	None	None		
+ <i>Socalchemmis monterey</i> Monterey socalchemmis spider		G1 S1	None	None		
+ <i>Talanites moodyae</i> Moody's gnaphosid spider		G1G2 S1S2	None	None		
+ <i>Talanites ubicki</i> Ubick's gnaphosid spider		G1 S1	None	None		
<i>Telema sp.</i> Santa Cruz telemid spider		G1G2 S1S2	None	None		
<i>Texella deserticola</i> Whitewater Canyon harvestman		G1 S1	None	None		
+ <i>Texella kokoweef</i> Kokoweef Crystal Cave harvestman		G1 S1	None	None		
+ <i>Texella shoshone</i> Shoshone Cave harvestman		G1 S1	None	None		
CRUSTACEA, Order Anostraca (fairy shrimp)						
+ <i>Artemia monica</i> Mono Lake brine shrimp		G3 S3	None	None	IUCN:CD	
+ <i>Branchinecta campestris</i> pocket pouch fairy shrimp		G2 S1	None	None		
+ <i>Branchinecta conservatio</i> Conservancy fairy shrimp		G2 S2	Endangered	None	IUCN:EN	

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CRUSTACEA, Order Anostraca (fairy shrimp)						
+ <i>Branchinecta longiantenna</i> longhorn fairy shrimp		G1 S1S2	Endangered	None	IUCN:EN	
+ <i>Branchinecta lynchi</i> vernal pool fairy shrimp		G3 S3	Threatened	None	IUCN:VU	
+ <i>Branchinecta mesovallensis</i> midvalley fairy shrimp		G2 S2S3	None	None		
+ <i>Branchinecta sandiegonensis</i> San Diego fairy shrimp		G2 S2	Endangered	None	IUCN:EN	
+ <i>Linderiella occidentalis</i> California linderiella		G2G3 S2S3	None	None	IUCN:NT	
+ <i>Linderiella santarosae</i> Santa Rosa Plateau fairy shrimp		G1G2 S1	None	None		
+ <i>Streptocephalus woottoni</i> Riverside fairy shrimp		G1G2 S1S2	Endangered	None	IUCN:EN	
CRUSTACEA, Order Notostraca (tadpole shrimp)						
+ <i>Lepidurus packardii</i> vernal pool tadpole shrimp		G4 S3S4	Endangered	None	IUCN:EN	
CRUSTACEA, Order Anomopoda (water fleas)						
+ <i>Dumontia oregonensis</i> hairy water flea		G1G3 S1	None	None		
CRUSTACEA, Order Isopoda (isopods)						
+ <i>Bowmanasellus sequoiae</i> Sequoia cave isopod		G1 S1	None	None		
+ <i>Caecidotea tomalensis</i> Tomales isopod		G2 S2S3	None	None		
+ <i>Calasellus californicus</i> An isopod		G2 S2	None	None		
+ <i>Calasellus longus</i> An isopod		G1 S1	None	None		
CRUSTACEA, Order Amphipoda (amphipods)						
+ <i>Hyaella muerta</i> Texas Spring amphipod		G1 S1	None	None		Yes
+ <i>Hyaella sandra</i> Death Valley amphipod		G1 S1	None	None		Yes
+ <i>Stygobromus cherylae</i> Barr's amphipod		G1 S1	None	None		
<i>Stygobromus cowani</i> Cowan's amphipod		G1 S1	None	None		
<i>Stygobromus gallawayae</i> Gallaway's amphipod		G1 S1	None	None		
+ <i>Stygobromus gradyi</i> Grady's Cave amphipod		G1 S1	None	None	IUCN:VU	
<i>Stygobromus grahami</i> Graham's Cave amphipod		G2 S2	None	None		
+ <i>Stygobromus harai</i> Hara's Cave amphipod		G1G2 S1S2	None	None	IUCN:VU	
<i>Stygobromus hyporheicus</i> Hypoheic amphipod		G1 S1	None	None		
<i>Stygobromus imperialis</i> Empire Cave amphipod		G1 S1	None	None		
+ <i>Stygobromus lacicolus</i> Lake Tahoe amphipod		G1 S1	None	None		
+ <i>Stygobromus mackenziei</i> Mackenzie's Cave amphipod		G1 S1	None	None	IUCN:VU	
<i>Stygobromus myersae</i> Myer's amphipod		G1G2 S1S2	None	None		
<i>Stygobromus mysticus</i> Secret Cave amphipod		G1 S1	None	None		

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
CRUSTACEA, Order Amphipoda (amphipods)						
<i>Stygobromus rudolphi</i>		G1 S1	None	None		
Rudolph's amphipod						
<i>Stygobromus sheldoni</i>		G1 S1	None	None		
Sheldon's amphipod						
<i>Stygobromus sierrensis</i>		G1 S1	None	None		
Sierra amphipod						
+ <i>Stygobromus tahoensis</i>		G1 S1	None	None		
Lake Tahoe stygobromid						
<i>Stygobromus trinus</i>		G1 S1	None	None		
Trinity County amphipod						
+ <i>Stygobromus wengerorum</i>		G1 S1	None	None	IUCN:VU	
Wengerors' Cave amphipod						
CRUSTACEA, Order Decapoda (crayfish & shrimp)						
+ <i>Pacifastacus fortis</i>		G1 S1	Endangered	Endangered	IUCN:CR	
Shasta crayfish						
<i>Pacifastacus leniusculus klamathensis</i>		G5T5 S3	None	None		
Klamath crayfish						
+ <i>Syncaris pacifica</i>		G1 S1	Endangered	Endangered	IUCN:EN	
California freshwater shrimp						
INSECTA, Order Odonata (dragonflies & damselflies)						
+ <i>Ischnura gemina</i>		G2 S2	None	None	IUCN:VU	
San Francisco forktail damselfly						
INSECTA, Order Plecoptera (stoneflies)						
+ <i>Capnia lacustra</i>		G1 S1	None	None		
Lake Tahoe benthic stonefly						
+ <i>Cosumnoperla hypocreana</i>		G2 S2	None	None		
Cosumnes stripetail						
+ <i>Megaleuctra sierra</i>		G2Q S1?	None	None		
Shirttail Creek stonefly						
INSECTA, Order Orthoptera (grasshoppers, katydids, and crickets)						
+ <i>Aglaothorax longipennis</i>		G1G2 S1S2	None	None	IUCN:CR	
Santa Monica shieldback katydid						
+ <i>Ammopelmatus kelsoensis</i>		G1G2 S1S2	None	None	IUCN:VU	
Kelso jerusalem cricket						
+ <i>Ammopelmatus muwu</i>		G1 S1	None	None	IUCN:VU	
Point Conception jerusalem cricket						
+ <i>Idiostatus kathleenae</i>		G1G2 S1S2	None	None		
Pinnacles shieldback katydid						
+ <i>Idiostatus middlekauffi</i>		G1G2 S1	None	None	IUCN:CR	
Middlekauff's shieldback katydid						
<i>Macrobaenetes algodonensis</i>		G1G2 S1S2	None	None		
Algodones sand treader cricket						
+ <i>Macrobaenetes kelsoensis</i>		G2 S2	None	None	IUCN:VU	
Kelso giant sand treader cricket						
+ <i>Macrobaenetes valgum</i>		G1G2 S1S2	None	None	IUCN:VU	
Coachella giant sand treader cricket						
<i>Pristoceuthophilus sp.</i>		G1G3 S1S3	None	None	IUCN:VU	
Samwell Cave cricket						
+ <i>Psychomastax deserticola</i>		G1G2 S1S2	None	None	IUCN:VU	
desert monkey grasshopper						
+ <i>Stenopelmatus cahuilensis</i>		G1G2 S1S2	None	None	IUCN:VU	
Coachella Valley jerusalem cricket						
+ <i>Tetrix sierrana</i>		G1G2 S1S2	None	None	IUCN:VU	
Sierra pygmy grasshopper						
+ <i>Trimerotropis infantilis</i>		G1 S1	Endangered	None	IUCN:EN	
Zayante band-winged grasshopper						
+ <i>Trimerotropis occidentiloides</i>		G1G2 S1S2	None	None	IUCN:EN	
Santa Monica grasshopper						

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
INSECTA, Order Orthoptera (grasshoppers, katydids, and crickets)						
+ <i>Trimerotropis occulens</i> Lompoc grasshopper		G1G2 S1S2	None	None	IUCN:EN	
INSECTA, Order Heteroptera (true bugs)						
+ <i>Ambrysus funebris</i> Nebares Spring naucorid bug		G1 S1	Candidate	None		
+ <i>Belostoma saratogae</i> Saratoga Springs belostoman bug		G1 S1	None	None		
+ <i>Oravelia pege</i> Dry Creek cliff strider bug		G1 S1	None	None		
+ <i>Pelocoris shoshone</i> Amargosa naucorid bug		G1G3 S1S2	None	None		
+ <i>Saldula usingeri</i> Wilbur Springs shorebug		G1 S1	None	None		
INSECTA, Order Neuroptera (lacewings)						
+ <i>Oliarces clara</i> cheeseweed owlfly (cheeseweed moth lacewing)		G1G3 S2	None	None		
INSECTA, Order Coleoptera (beetles)						
+ <i>Aegialia concinna</i> Ciervo aegilian scarab beetle		G1 S1	None	None	BLM:S IUCN:VU	
+ <i>Agabus rumpfi</i> Death Valley agabus diving beetle		G1G3 S1	None	None		
<i>Agrius harenus</i> Harenus jewel beetle		G1G2 S1S2	None	None		
+ <i>Anomala carlsoni</i> Carlson's dune beetle		G1 S1	None	None		
+ <i>Anomala hardyorum</i> Hardy's dune beetle		G1 S1	None	None		
+ <i>Anthicus antiochensis</i> Antioch Dunes anthicid beetle		G1 S1	None	None		
+ <i>Anthicus sacramento</i> Sacramento anthicid beetle		G1 S1	None	None	IUCN:EN	
+ <i>Atractelmis wawona</i> Wawona riffle beetle		G1G3 S1S2	None	None		
+ <i>Chaetarthria leechi</i> Leech's chaetarthrian water scavenger beetle		G1? S1?	None	None		
+ <i>Cicindela gabbii</i> western tidal-flat tiger beetle		G2G4 S1	None	None		
+ <i>Cicindela hirticollis abrupta</i> Sacramento Valley tiger beetle		G5TH SH	None	None		
+ <i>Cicindela hirticollis gravida</i> sandy beach tiger beetle		G5T2 S2	None	None		
+ <i>Cicindela latesignata latesignata</i> western beach tiger beetle		G2G4T1T2 S1	None	None		
+ <i>Cicindela ohlone</i> Ohlone tiger beetle		G1 S1	Endangered	None		
+ <i>Cicindela senilis frosti</i> senile tiger beetle		G2G3T1T3 S1	None	None		
+ <i>Cicindela tranquebarica ssp.</i> San Joaquin tiger beetle		G5T1 S1	None	None		
+ <i>Cicindela tranquebarica viridissima</i> greenest tiger beetle		G5T1 S1	None	None		
+ <i>Coelus globosus</i> globose dune beetle		G1G2 S1S2	None	None	IUCN:VU	
+ <i>Coelus gracilis</i> San Joaquin dune beetle		G1 S1	None	None	BLM:S IUCN:VU	

Special Animals List - June 2016

Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
INSECTA, Order Coleoptera (beetles)						
<i>Coenonycha clementina</i>		G1? S1?	None	None		
San Clemente Island coenonycha beetle						
<i>Cyclocephala wandae</i>		G1G2 S1S2	None	None		
Wandae dune beetle						
<i>Deltaspis ivae</i>		G1 S1	None	None		
marsh-elder long-horned beetle						
+ <i>Desmocerus californicus dimorphus</i>		G3T2 S2	Threatened	None		
valley elderberry longhorn beetle						
+ <i>Dinacoma caseyi</i>		G1 S1	Endangered	None		
Casey's June beetle						
+ <i>Dubiraphia brunnescens</i>		G1 S1	None	None		
brownish dubiraphian riffle beetle						
+ <i>Dubiraphia giulianii</i>		G1G3 S1S3	None	None		
Giuliani's dubiraphian riffle beetle						
+ <i>Elaphrus viridis</i>		G1 S1	Threatened	None	IUCN:CR	
Delta green ground beetle						
+ <i>Glaresis arenata</i>		G2 S2	None	None		
Kelso Dunes scarab glaresis beetle						
+ <i>Hydrochara rickseckeri</i>		G2? S2?	None	None		
Ricksecker's water scavenger beetle						
+ <i>Hydroporus leechi</i>		G1? S1?	None	None		
Leech's skyline diving beetle						
+ <i>Hydroporus simplex</i>		G1? S1?	None	None		
simple hydroporus diving beetle						
+ <i>Hygrotus curvipes</i>		G1 S1	None	None		
curved-foot hygrotus diving beetle						
+ <i>Hygrotus fontinalis</i>		G1 S1	None	None		
travertine band-thigh diving beetle						
<i>Juniperella mirabilis</i>		G1 S1	None	None		
juniper metallic wood-boring beetle						
+ <i>Lepismadora algodones</i>		G1 S1	None	None		
Algodones sand jewel beetle						
+ <i>Lichnanthe albipilosa</i>		G1 S1	None	None		
white sand bear scarab beetle						
+ <i>Lichnanthe ursina</i>		G2 S2	None	None		
bumblebee scarab beetle						
+ <i>Lytta hoppingi</i>		G1G2 S1S2	None	None		
Hopping's blister beetle						
<i>Lytta insperata</i>		G1G2 S1S2	None	None		
Mojave Desert blister beetle						
+ <i>Lytta moesta</i>		G2 S2	None	None		
moestan blister beetle						
+ <i>Lytta molesta</i>		G2 S2	None	None		
molestan blister beetle						
+ <i>Lytta morrisoni</i>		G1G2 S1S2	None	None		
Morrison's blister beetle						
+ <i>Microcylloepus formicoideus</i>		G1 S1	None	None		
Furnace Creek riffle beetle						
+ <i>Miloderes nelsoni</i>		G2 S2	None	None		
Nelson's miloderes weevil						
+ <i>Nebria darlingtoni</i>		G1 S1	None	None		
South Forks ground beetle						
+ <i>Nebria gebleri siskiyouensis</i>		G4G5T4 S1S2	None	None		
Siskiyou ground beetle						
+ <i>Nebria sahlbergii triad</i>		G1T1 S1	None	None		
Trinity Alps ground beetle						
<i>Ochthebius crassalus</i>		G1G3 S1S3	None	None		
wing shoulder minute moss beetle						

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Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
INSECTA, Order Coleoptera (beetles)						
+ <i>Ochthebius recticulus</i>	Wilbur Springs minute moss beetle	G1 S1	None	None		
+ <i>Onychobaris langei</i>	Lange's El Segundo Dune weevil	G1 S1	None	None		
+ <i>Optioservus canus</i>	Pinnacles optioservus riffle beetle	G1 S1	None	None		
<i>Paleoxenus dohrni</i>	Dohrn's elegant eucnemid beetle	G3? S3?	None	None		
+ <i>Polyphylla anteronivea</i>	Saline Valley snow-front June beetle	G1 S1	None	None		
+ <i>Polyphylla barbata</i>	Mount Hermon (=barbata) June beetle	G1 S1	Endangered	None		
+ <i>Polyphylla erratica</i>	Death Valley June beetle	G1G2 S1S2	None	None		
+ <i>Polyphylla nubila</i>	Atascadero June beetle	G1 S1	None	None		
<i>Prasinalia imperialis</i>	Algodones white wax jewel beetle	G1G2 S1S2	None	None		
+ <i>Pseudocotalpa andrewsi</i>	Andrew's dune scarab beetle	G1 S1	None	None		
<i>Scaphinotus behrensi</i>	Behrens' snail-eating beetle	G2G4 S2S4	None	None		
+ <i>Trachykele hartmani</i>	serpentine cypress wood-boring beetle	G1 S1	None	None		
<i>Trichinorhipis knullii</i>	Knull's metallic wood-boring beetle	G1 S1	None	None		
+ <i>Trigonoscuta brunnotesselata</i>	brown tassel trigonoscuta weevil	G1G2 S1S2	None	None		
+ <i>Trigonoscuta dorothea dorothea</i>	Dorothy's El Segundo Dune weevil	G1T1 S1	None	None		
<i>Trigonoscuta rothi algodones</i>	Algodones dune weevil	G1G2 S1S2	None	None		
<i>Trigonoscuta rothi imperialis</i>	Imperial dune weevil	G1G2 S1S2	None	None		
<i>Trigonoscuta rothi punctata</i>	Punctate dune weevil	G1G2 S1S2	None	None		
<i>Trigonoscuta rothi rothi</i>	Roth's dune weevil	G1G2 S1S2	None	None		
+ <i>Trigonoscuta sp.</i>	Doyen's trigonoscuta dune weevil	G1Q S1	None	None		Yes
+ <i>Trigonoscuta stantoni</i>	Santa Cruz Island shore weevil	G1? S1?	None	None		
+ <i>Vandykea tuberculata</i>	serpentine cypress long-horned beetle	G1 S1	None	None		
INSECTA, Order Mecoptera (scorpionflies)						
+ <i>Orobittacus obscurus</i>	gold rush hanging scorpionfly	G1 S1	None	None		
INSECTA, Order Diptera (flies)						
+ <i>Ablautus schlingeri</i>	Oso Flaco robber fly	G1 S1	None	None		
<i>Apiocera warneri</i>	Glamis sand fly	G1G2 S1S2	None	None		
+ <i>Brennania belkini</i>	Belkin's dune tabanid fly	G1G2 S1S2	None	None	IUCN:VU	
+ <i>Efferia antiochi</i>	Antioch efferian robberfly	G1G2 S1S2	None	None		

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
INSECTA, Order Diptera (flies)						
<i>Efferia macroxipha</i>		G1G2 S1S2	None	None		
Glamis robberfly						
+ <i>Metapogon hurdi</i>		G1G3 S1S3	None	None		
Hurd's metapogon robberfly						
+ <i>Paracoenia calida</i>		G1 S1	None	None		
Wilbur Springs shore fly						
+ <i>Rhaphiomidas terminatus abdominalis</i>		G1T1 S1	Endangered	None		
Delhi Sands flower-loving fly						
+ <i>Rhaphiomidas terminatus terminatus</i>		G1T1 S1	None	None		
El Segundo flower-loving fly						
<i>Rhaphiomidas trochilus</i>		G1 S1	None	None		
Valley mydas fly						
INSECTA, Order Lepidoptera (butterflies & moths)						
+ <i>Adela oplerella</i>		G2 S2	None	None		
Opler's longhorn moth						
+ <i>Apodemia mormo langei</i>		G5T1 S1	Endangered	None	XERCES:CI	
Lange's metalmark butterfly						
+ <i>Areniscythis brachypteris</i>		G1 S1	None	None		
Oso Flaco flightless moth						
<i>Callophrys comstocki</i>		G3G4 S1S2	None	None	XERCES:IM	
desert green hairstreak						
+ <i>Callophrys mossii bayensis</i>		G4T1 S1	Endangered	None	XERCES:CI	
San Bruno elfin butterfly						
+ <i>Callophrys mossii hidakupa</i>		G4T1T2 S1S2	None	None	USFS:S	
San Gabriel Mountains elfin butterfly						
+ <i>Callophrys mossii marinensis</i>		G4T1 S1	None	None		
Marin elfin butterfly						
+ <i>Callophrys thornei</i>		G1 S1	None	None	BLM:S	Yes
Thorne's hairstreak						
+ <i>Carolella busckana</i>		G1G3 SH	None	None		
Busck's gallmoth						
+ <i>Carterocephalus palaemon magnus</i>		G5T5 S1	None	None		
Sonoma arctic skipper						
<i>Cercyonis pegala carsonensis</i>		G5T1T2 S1S2	None	None		
Carson Valley wood nymph						
+ <i>Chlosyne leanira elegans</i>		G4G5T1T2 S1S2	None	None		
Oso Flaco patch butterfly						
+ <i>Coenonympha tullia yontockett</i>		G5T1T2 S1	None	None		
Yontocket satyr						
+ <i>Danaus plexippus pop. 1</i>		G4T2T3 S2S3	None	None	USFS:S	
monarch - California overwintering population						
+ <i>Euchloe hyantis andrewsi</i>		G3G4T1 S1	None	None		
Andrew's marble butterfly						
+ <i>Eucosma henei</i>		G1 S1	None	None		
Henne's eucosman moth						
+ <i>Euphilotes battoides allyni</i>		G5T1 S1	Endangered	None	XERCES:CI	
El Segundo blue butterfly						
+ <i>Euphilotes battoides comstocki</i>		G5T2 S2	None	None		
Comstock's blue butterfly						
<i>Euphilotes baueri</i>		G2G4 S1S2	None	None	USFS:S	
Bauer's dotted-blue					XERCES:IM	
+ <i>Euphilotes enoptes smithi</i>		G5T1T2 S1S2	Endangered	None	XERCES:CI	
Smith's blue butterfly						
<i>Euphilotes mojave</i>		G2G3 S1S2	None	None	XERCES:IM	
Mojave dotted-blue						
+ <i>Euphydryas editha bayensis</i>		G5T1 S1	Threatened	None	XERCES:CI	
Bay checkerspot butterfly						

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
INSECTA, Order Lepidoptera (butterflies & moths)						
+ <i>Euphydryas editha monoensis</i> Mono checkerspot butterfly		G5T2T3 S1S2	None	None	USFS:S	
+ <i>Euphydryas editha quino</i> quino checkerspot butterfly		G5T1T2 S1S2	Endangered	None	XERCES:CI	
<i>Euphyes vestris harbisoni</i> dun skipper		G5T1 S1?	None	None		
+ <i>Euproserpinus euterpe</i> Kern primrose sphinx moth		G1G2 S1	Threatened	None	XERCES:CI	Yes
+ <i>Glaucopsyche lygdamus palosverdesensis</i> Palos Verdes blue butterfly		G5T1 S1	Endangered	None	XERCES:CI	
+ <i>Hesperia miriamae longaevicola</i> White Mountains skipper		G2G3T1 S1	None	None		
<i>Hesperopsis graciellae</i> Macneill's sootywing		G2G3 S1S2	None	None	XERCES:VU	
+ <i>Lycaena hermes</i> Hermes copper butterfly		G1 S1	Candidate	None	IUCN:VU USFS:S	
<i>Lycaena rubidus incana</i> White Mountains copper		G5T1 S1	None	None		
+ <i>Panoquina errans</i> wandering (=saltmarsh) skipper		G4G5 S2	None	None	IUCN:NT	
+ <i>Philotiella speciosa bohartorum</i> Boharts' blue butterfly		G3G4T1 S1	None	None		
+ <i>Plebejus icarioides albihalos</i> White Mountains icarioides blue butterfly		G5T2T3 S2?	None	None		
+ <i>Plebejus icarioides missionensis</i> Mission blue butterfly		G5T1 S1	Endangered	None	XERCES:CI	
+ <i>Plebejus icarioides moroensis</i> Morro Bay blue butterfly		G5T2 S2	None	None		
+ <i>Plebejus icarioides parapheres</i> Point Reyes blue butterfly		G5T1T2 S1S2	None	None		
+ <i>Plebejus idas lotis</i> lotis blue butterfly		G5TH SH	Endangered	None	XERCES:CI	
+ <i>Plebejus saepiolus albomontanus</i> White Mountains saepiolus blue butterfly		G5T2 S1S2	None	None		
+ <i>Plebejus saepiolus aureolus</i> San Gabriel Mountains blue butterfly		G5T1 S1	None	None	USFS:S	
+ <i>Plebulina emigdionis</i> San Emigdio blue butterfly		G1G2 S1S2	None	None	USFS:S	
+ <i>Polites mardon</i> mardon skipper		G2G3 S1	None	None	USFS:S XERCES:IM	
<i>Polites sabuleti albamontana</i> White Mountains sandhill skipper		G5T2 S2	None	None		
<i>Pseudocopaeodes eunus eunus</i> alkali skipper		G3G4T2 S2	None	None		
+ <i>Pseudocopaeodes eunus obscurus</i> Carson wandering skipper		G3G4T1 S1	Endangered	None	XERCES:CI	
+ <i>Pyrgus ruralis lagunae</i> Laguna Mountains skipper		G5T1 S1	Endangered	None	XERCES:CI	
+ <i>Speyeria adiaсте adiaсте</i> unsilvered fritillary		G1G2T1 S1	None	None		
+ <i>Speyeria callippe callippe</i> callippe silverspot butterfly		G5T1 S1	Endangered	None	XERCES:CI	
+ <i>Speyeria egleis tehachapina</i> Tehachapi Mountain silverspot butterfly		G5T2 S2	None	None	USFS:S	
+ <i>Speyeria nokomis carsonensis</i> Carson Valley silverspot		G3T1 S1	None	None		

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
INSECTA, Order Lepidoptera (butterflies & moths)						
+ <i>Speyeria zerene behrensii</i> Behren's silverspot butterfly		G5T1 S1	Endangered	None	XERCES:CI	
+ <i>Speyeria zerene hippolyta</i> Oregon silverspot butterfly		G5T1 S1	Threatened	None	XERCES:CI	
+ <i>Speyeria zerene myrtleae</i> Myrtle's silverspot butterfly		G5T1 S1	Endangered	None	XERCES:CI	Yes
+ <i>Speyeria zerene sonomensis</i> Sonoma zerene fritillary		G5T1 S1	None	None		
INSECTA, Order Trichoptera (caddisflies)						
+ <i>Cryptochia denningi</i> Denning's cryptic caddisfly		G1G2 S1S2	None	None		
+ <i>Cryptochia excella</i> Kings Canyon cryptochian caddisfly		G1G2 S1S2	None	None		
+ <i>Cryptochia shasta</i> confusion caddisfly		G1G2 S1S2	None	None		
+ <i>Desmona bethula</i> amphibious caddisfly		G2G3 S2S3	None	None		
+ <i>Diplectrona californica</i> California diplectronan caddisfly		G1G2 S1S2	None	None		
+ <i>Ecclisomyia bilera</i> Kings Creek ecclisomyian caddisfly		G1G2 S1S2	None	None		
+ <i>Farula praelonga</i> long-tailed caddisfly		G1G2 S1S2	None	None		
+ <i>Goeracea oregona</i> Sagehen Creek goeracean caddisfly		G3 S1S2	None	None		
+ <i>Lepidostoma ermanae</i> Cold Spring caddisfly		G1G2 S1S2	None	None		
+ <i>Limnephilus atercus</i> Fort Dick limnephilus caddisfly		G3G4 S1	None	None		
+ <i>Neothremma genella</i> golden-horned caddisfly		G1G2 S1S2	None	None		
<i>Neothremma siskiyou</i> Siskiyou caddisfly		G1G2 S1S2	None	None		
+ <i>Parapsyche extensa</i> King's Creek parapsyche caddisfly		GH SH	None	None		
+ <i>Rhyacophila lineata</i> Castle Crags rhyacophilan caddisfly		G1G3 S1S2	None	None		
+ <i>Rhyacophila mosana</i> bilobed rhyacophilan caddisfly		G1G2Q S1S2	None	None		
+ <i>Rhyacophila spinata</i> spiny rhyacophilan caddisfly		G1G2 S1S2	None	None		
INSECTA, Order Hymenoptera (ants, bees, & wasps)						
+ <i>Andrena blennospermatis</i> Blennosperma vernal pool andrenid bee		G2 S2	None	None		
+ <i>Andrena macswaini</i> An andrenid bee		G2 S2	None	None		
+ <i>Andrena subapasta</i> an andrenid bee		G1G2 S1S2	None	None		
+ <i>Argochrysis lassena</i> Lassen cuckoo wasp		G1 S1	None	None		
+ <i>Ashmeadiella chumashae</i> Channel Islands leaf-cutter bee		G2? S2?	None	None		
+ <i>Bombus caliginosus</i> obscure bumble bee		G4? S1S2	None	None	IUCN:VU	
+ <i>Bombus crotchii</i> Crotch bumble bee		G3G4 S1S2	None	None		
+ <i>Bombus franklini</i> Franklin's bumble bee		G1 S1	None	None	IUCN:CR XERCES:CI	

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
INSECTA, Order Hymenoptera (ants, bees, & wasps)						
+ <i>Bombus morrisoni</i> Morrison bumble bee		G4G5 S1S2	None	None	IUCN:VU	
+ <i>Bombus occidentalis</i> western bumble bee		G2G3 S1	None	None	USFS:S XERCES:IM	
+ <i>Bombus suckleyi</i> Suckley's cuckoo bumble bee		GU S1	None	None		
+ <i>Ceratochrysis bradleyi</i> Bradley's cuckoo wasp		G1 S1	None	None		
+ <i>Ceratochrysis gracilis</i> Piute Mountains cuckoo wasp		G1 S1	None	None		
+ <i>Ceratochrysis longimala</i> Desert cuckoo wasp		G1 S1	None	None		
+ <i>Ceratochrysis menkei</i> Menke's cuckoo wasp		G1 S1	None	None		
+ <i>Chrysis tularensis</i> Tulare cuckoo wasp		G1G2 S1S2	None	None		
<i>Cleptes humboldti</i> Humboldt cuckoo wasp		G1G2 S1S2	None	None		
+ <i>Dufourea stagei</i> Stage's dufourine bee		G1G2 S1?	None	None		
+ <i>Eucerceris ruficeps</i> redheaded sphecid wasp		G1G3 S1S2	None	None		
<i>Euparagia unidentata</i> Algodones euparagia		G1G2 S1S2	None	None		
<i>Habropoda pallida</i> white faced bee		G1G2 S1S2	None	None		
+ <i>Halictus harmonius</i> harmonius halictid bee		G1 S1	None	None	XERCES:CI	
+ <i>Hedychridium argenteum</i> Riverside cuckoo wasp		G1? S1?	None	None		
+ <i>Hedychridium milleri</i> Borax Lake cuckoo wasp		G1? S1?	None	None		
+ <i>Lasioglossum channelense</i> Channel Island sweat bee		G1 S1	None	None		
+ <i>Melitta californica</i> California mellitid bee		G4? S2?	None	None		
<i>Microbembex elegans</i> Algodones elegant sand wasp		G1G2 S1S2	None	None		
+ <i>Minymischa ventura</i> Ventura cuckoo wasp		GU SU	None	None		
+ <i>Myrmosula pacifica</i> Antioch multilid wasp		GH SH	None	None		
<i>Neolarra alba</i> white cuckoo bee		GH SH	None	None		
+ <i>Paranomada californica</i> California cuckoo bee		G1 S1	None	None		
+ <i>Parnopes borregoensis</i> Borrego parnopes cuckoo wasp		G1? S1?	None	None		
<i>Perdita algodones</i> Algodones perdita		G1G2 S1S2	None	None		
<i>Perdita frontalis</i> Imperial Perdita		G1G2 S1S2	None	None		
<i>Perdita glamis</i> Glamis perdita		G1G2 S1S2	None	None		
+ <i>Perdita scitula antiochensis</i> Antioch andrenid bee		G1T1 S1	None	None		
+ <i>Philanthus nasalis</i> Antioch sphecid wasp		G1 S1	None	None		

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
INSECTA, Order Hymenoptera (ants, bees, & wasps)						
+ <i>Protodufourea wasbaueri</i>		G1 S1	None	None	XERCES:DD	
Wasbauer's protodufourea bee						
+ <i>Protodufourea zavortinki</i>		G1 S1	None	None		
Zavortink's protodufourea bee						
+ <i>Rhopalolemma robertsi</i>		G1 S1	None	None		
Roberts' rhopalolemma bee						
<i>Sedomaya glamisensis</i>		G1G2 S1S2	None	None		
Glamis night tiphiid						
<i>Sphaerophthalma ecarinata</i>		G1G2 S1S2	None	None		
Glamis night mutillid						
+ <i>Sphecodogastra antiochensis</i>		G1 S1	None	None	XERCES:CI	
Antioch Dunes halcitid bee						
<i>Stictiella villegasi</i>		G1G2 S1S2	None	None		
Algodones sand wasp						
+ <i>Trachusa gummifera</i>		G1 S1	None	None		
San Francisco Bay Area leaf-cutter bee						

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Fishes

Species	Comment	Rank	ESA	CESA	Other Status	Notes
PETROMYZONTIDAE (lampreys)						
+ <i>Entosphenus hubbsi</i> Kern brook lamprey		G1G2 S1S2	None	None	AFS:TH CDFW:SSC IUCN:NT USFS:S	
<i>Entosphenus lethophagus</i> Pit-Klamath brook lamprey		G3G4 S3	None	None	AFS:VU	
<i>Entosphenus similis</i> Klamath River lamprey		G3G4Q S3	None	None	AFS:TH CDFW:SSC USFS:S	
+ <i>Entosphenus tridentatus</i> Pacific lamprey		G4 S4	None	None	AFS:VU BLM:S CDFW:SSC USFS:S	
+ <i>Entosphenus tridentatus ssp. 1</i> Goose Lake lamprey		G4T1 S1	None	None	AFS:VU CDFW:SSC USFS:S	
<i>Lampetra ayresii</i> river lamprey		G4 S3	None	None	AFS:VU CDFW:SSC	
ACIPENSERIDAE (sturgeon)						
+ <i>Acipenser medirostris</i> green sturgeon	(southern DPS)	G3 S1S2	Threatened	None	AFS:VU CDFW:SSC IUCN:NT NMFS:SC	Yes
<i>Acipenser transmontanus</i> white sturgeon		G4 S2	None	None	AFS:EN CDFW:SSC IUCN:LC	
SALMONIDAE (trout & salmon)						
+ <i>Oncorhynchus clarkii clarkii</i> coast cutthroat trout		G4T4 S3	None	None	AFS:VU CDFW:SSC USFS:S	
+ <i>Oncorhynchus clarkii henshawi</i> Lahontan cutthroat trout		G4T3 S2	Threatened	None	AFS:TH	
+ <i>Oncorhynchus clarkii seleniris</i> Paiute cutthroat trout		G4T1T2 S1S2	Threatened	None	AFS:EN	
+ <i>Oncorhynchus gorbuscha</i> pink salmon		G5 S1	None	None		
<i>Oncorhynchus keta</i> chum salmon		G5 S1	None	None		
+ <i>Oncorhynchus kisutch</i> coho salmon - southern Oregon / northern California ESU		G4T2Q S2?	Threatened	Threatened	AFS:TH	Yes
+ <i>Oncorhynchus kisutch</i> coho salmon - central California coast ESU		G4 S2?	Endangered	Endangered	AFS:EN	Yes
+ <i>Oncorhynchus mykiss aguabonita</i> California golden trout		G5T1 S1	None	None	AFS:TH CDFW:SSC USFS:S	
+ <i>Oncorhynchus mykiss aquilarum</i> Eagle Lake rainbow trout		G5T1Q S1	None	None	AFS:TH CDFW:SSC USFS:S	
<i>Oncorhynchus mykiss gilberti</i> Kern River rainbow trout		G5T1Q S1	None	None	AFS:TH CDFW:SSC USFS:S	
<i>Oncorhynchus mykiss irideus</i> steelhead - Klamath Mountains Province DPS		G5T3Q S2	None	None	CDFW:SSC USFS:S	Yes
+ <i>Oncorhynchus mykiss irideus</i> steelhead - central California coast DPS		G5T2T3Q S2S3	Threatened	None	AFS:TH	Yes

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SALMONIDAE (trout & salmon)						
+ <i>Oncorhynchus mykiss irideus</i> steelhead - south-central California coast DPS		G5T2Q S2	Threatened	None	AFS:TH	Yes
+ <i>Oncorhynchus mykiss irideus</i> steelhead - southern California DPS		G5T1Q S1	Endangered	None	AFS:EN	Yes
+ <i>Oncorhynchus mykiss irideus</i> steelhead - Central Valley DPS		G5T2Q S2	Threatened	None	AFS:TH	Yes
+ <i>Oncorhynchus mykiss irideus</i> steelhead - northern California DPS		G5T2T3Q S2S3	Threatened	None	AFS:TH	Yes
+ <i>Oncorhynchus mykiss irideus</i> summer-run steelhead trout		G5T4Q S2	None	None	CDFW:SSC	Yes
+ <i>Oncorhynchus mykiss ssp. 1</i> Goose Lake redband trout		G5T2Q S2	None	None	AFS:VU CDFW:SSC USFS:S	
+ <i>Oncorhynchus mykiss ssp. 2</i> McCloud River redband trout		G5T1T2Q S1S2	None	None	AFS:VU CDFW:SSC USFS:S	
<i>Oncorhynchus mykiss ssp. 3</i> Warner Valley redband trout		G5T2Q S1?	None	None	AFS:VU USFS:S	
+ <i>Oncorhynchus mykiss whitei</i> Little Kern golden trout		G5T2 S2	Threatened	None	AFS:EN	
+ <i>Oncorhynchus tshawytscha</i> chinook salmon - upper Klamath and Trinity Rivers ESU.		G5 S1S2	None	None	CDFW:SSC USFS:S	
+ <i>Oncorhynchus tshawytscha</i> chinook salmon - Central Valley spring-run ESU		G5 S1	Threatened	Threatened	AFS:TH	Yes
+ <i>Oncorhynchus tshawytscha</i> chinook salmon - Sacramento River winter-run ESU		G5 S1	Endangered	Endangered	AFS:EN	
<i>Oncorhynchus tshawytscha</i> chinook salmon - Central Valley fall / late fall-run ESU		G5 S2	None	None	AFS:VU CDFW:SSC NMFS:SC USFS:S	Yes
+ <i>Oncorhynchus tshawytscha</i> chinook salmon - California coastal ESU		G5 S1	Threatened	None	AFS:TH	Yes
<i>Prosopium williamsoni</i> mountain whitefish		G5 S3	None	None	CDFW:SSC	
+ <i>Salvelinus confluentus</i> bull trout		G4 SX	Threatened	Endangered	IUCN:VU	
OSMERIDAE (smelt)						
+ <i>Hypomesus transpacificus</i> Delta smelt		G1 S1	Threatened	Endangered	AFS:TH IUCN:EN	
+ <i>Spirinchus thaleichthys</i> longfin smelt		G5 S1	Candidate	Threatened	CDFW:SSC	Yes
+ <i>Thaleichthys pacificus</i> eulachon	(southern DPS)	G5 S3	Threatened	None		
CYPRINIDAE (minnows and carp)						
+ <i>Gila coerulea</i> blue chub		G3G4 S2S3	None	None	CDFW:SSC	
+ <i>Gila elegans</i> bonytail		G1 SH	Endangered	Endangered	AFS:EN IUCN:EN	
+ <i>Gila orcuttii</i> arroyo chub		G2 S2	None	None	AFS:VU CDFW:SSC USFS:S	
+ <i>Lavinia exilicauda chi</i> Clear Lake hitch		G4T1 S1	None	Threatened	AFS:VU USFS:S	
<i>Lavinia exilicauda exilicauda</i> Sacramento hitch		G4T2T4 S2S4	None	None	CDFW:SSC	

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
CYPRINIDAE (minnows and carp)						
<i>Lavinia exilicauda harengus</i> Pajaro/Salinas hitch		G4T2T4 S2S4	None	None	CDFW:SSC	
+ <i>Lavinia symmetricus mitrulus</i> Pit roach		G4T2 S2	None	None	AFS:VU CDFW:SSC	
+ <i>Lavinia symmetricus navarroensis</i> Navarro roach		G4T1T2 S2S3	None	None	CDFW:SSC	
+ <i>Lavinia symmetricus parvipinnis</i> Gualala roach		G4T1T2 S2S3	None	None	CDFW:SSC	
+ <i>Lavinia symmetricus ssp. 1</i> San Joaquin roach		G4T3Q S3	None	None	CDFW:SSC	Yes
+ <i>Lavinia symmetricus ssp. 2</i> Tomales roach		G4T2T3 S2	None	None	CDFW:SSC	
+ <i>Lavinia symmetricus ssp. 3</i> Red Hills roach		G4T1 S1	None	None	AFS:VU BLM:S CDFW:SSC	
<i>Lavinia symmetricus ssp. 4</i> Clear Lake - Russian River roach		G4T2T3 S2S3	None	None	CDFW:SSC	
<i>Lavinia symmetricus subditus</i> Monterey roach		G4T2T3 S2S3	None	None	CDFW:SSC	
+ <i>Mylopharodon conocephalus</i> hardhead		G3 S3	None	None	CDFW:SSC USFS:S	
+ <i>Pogonichthys macrolepidotus</i> Sacramento splittail		GNR S3	None	None	AFS:VU CDFW:SSC IUCN:EN	
+ <i>Ptychocheilus lucius</i> Colorado pikeminnow		G1 SX	Endangered	Endangered	CDFW:FP IUCN:VU	
+ <i>Rhinichthys osculus ssp. 1</i> Amargosa Canyon speckled dace		G5T1Q S1	None	None	AFS:TH BLM:S CDFW:SSC	Yes
+ <i>Rhinichthys osculus ssp. 2</i> Owens speckled dace		G5T1T2Q S1S2	None	None	AFS:TH CDFW:SSC	Yes
+ <i>Rhinichthys osculus ssp. 3</i> Santa Ana speckled dace		G5T1 S1	None	None	AFS:TH CDFW:SSC USFS:S	
+ <i>Rhinichthys osculus ssp. 5</i> Long Valley speckled dace		G5T1 S1	None	None	AFS:EN BLM:S CDFW:SSC	
+ <i>Siphateles bicolor mohavensis</i> Mohave tui chub		G4T1 S1	Endangered	Endangered	AFS:EN CDFW:FP	
<i>Siphateles bicolor pectinifer</i> Lahontan Lake tui chub		G4T3 S1S2	None	None	CDFW:SSC	
+ <i>Siphateles bicolor snyderi</i> Owens tui chub		G4T1 S1	Endangered	Endangered	AFS:EN	
+ <i>Siphateles bicolor ssp. 1</i> Eagle Lake tui chub		G4T1T2 S1S2	None	None	CDFW:SSC	
+ <i>Siphateles bicolor ssp. 2</i> High Rock Spring tui chub		G4TX SX	None	None		
<i>Siphateles bicolor ssp. 3</i> Pit River tui chub		G4T1T3 S1S3	None	None		
+ <i>Siphateles bicolor thalassina</i> Goose Lake tui chub		G4T2T3 S2	None	None	AFS:TH CDFW:SSC	
+ <i>Siphateles bicolor vaccaceps</i> Cow Head tui chub		G4T1 S1	None	None	AFS:EN CDFW:SSC	
CATOSTOMIDAE (suckers)						
+ <i>Catostomus fumeiventris</i> Owens sucker		G3G4 S3	None	None	CDFW:SSC	
+ <i>Catostomus latipinnis</i> flannelmouth sucker		G3G4 S1	None	None		

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
CATOSTOMIDAE (suckers)						
+ <i>Catostomus microps</i> Modoc sucker		G2 S2	Endangered	Endangered	AFS:EN CDFW:FP IUCN:EN	
+ <i>Catostomus occidentalis lacusanserinus</i> Goose Lake sucker		G5T2Q S1	None	None	AFS:VU CDFW:SSC USFS:S	
<i>Catostomus platyrhynchus</i> mountain sucker		G5 S3	None	None	CDFW:SSC	
<i>Catostomus rimiculus ssp. 1</i> Jenny Creek sucker		G5T2Q S1	None	None	AFS:VU	
+ <i>Catostomus santaanae</i> Santa Ana sucker		G1 S1	Threatened	None	AFS:TH IUCN:VU	
+ <i>Catostomus snyderi</i> Klamath largescale sucker		G3 S3	None	None	AFS:TH CDFW:SSC IUCN:NT	
+ <i>Chasmistes brevirostris</i> shortnose sucker		G1 S1	Endangered	Endangered	AFS:EN CDFW:FP IUCN:EN	
+ <i>Deltistes luxatus</i> Lost River sucker		G1 S1	Endangered	Endangered	AFS:EN CDFW:FP IUCN:EN	
+ <i>Xyrauchen texanus</i> razorback sucker		G1 S1S2	Endangered	Endangered	AFS:EN CDFW:FP IUCN:EN	
CYPRINODONTIDAE (killifishes)						
+ <i>Cyprinodon macularius</i> desert pupfish		G1 S1	Endangered	Endangered	AFS:EN IUCN:VU	
+ <i>Cyprinodon nevadensis amargosae</i> Amargosa pupfish		G2T1T2 S1S2	None	None	AFS:VU BLM:S CDFW:SSC IUCN:VU	
+ <i>Cyprinodon nevadensis nevadensis</i> Saratoga Springs pupfish		G2T1 S1	None	None	AFS:TH CDFW:SSC IUCN:VU	
+ <i>Cyprinodon nevadensis shoshone</i> Shoshone pupfish		G2T1 S1	None	None	AFS:EN CDFW:SSC IUCN:VU	
+ <i>Cyprinodon radiosus</i> Owens pupfish		G1 S1	Endangered	Endangered	AFS:EN CDFW:FP IUCN:EN	
+ <i>Cyprinodon salinus milleri</i> Cottonball Marsh pupfish		G1T1Q S1	None	Threatened	AFS:TH IUCN:EN	
+ <i>Cyprinodon salinus salinus</i> Salt Creek pupfish		G1T1 S1	None	None	AFS:VU CDFW:SSC IUCN:EN	
GASTEROSTEIDAE (sticklebacks)						
<i>Gasterosteus aculeatus microcephalus</i> resident threespine stickleback	(South of Pt. Conception only)	G5T2T3 S2S3	None	None		Yes
<i>Gasterosteus aculeatus santaanae</i> Santa Ana (=Shay Creek) threespine stickleback		G5T1Q S1	None	None	AFS:EN	Yes
+ <i>Gasterosteus aculeatus williamsoni</i> unarmored threespine stickleback		G5T1 S1	Endangered	Endangered	AFS:EN CDFW:FP	Yes
POLYPRIONIDAE (wreckfishes)						
<i>Stereolepis gigas</i> giant sea bass		G3 S1S2	None	None	AFS:VU IUCN:CR	Yes

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
CENTRARCHIDAE (sunfishes)						
+ <i>Archoplites interruptus</i> Sacramento perch	(Within native range only)	G2G3 S1	None	None	AFS:TH CDFW:SSC	
EMBIOTOCIDAE (surfperches)						
<i>Hysterothorax traski lagunae</i> Clear Lake tule perch		G5T2T3 S2S3	None	None	CDFW:SSC	
+ <i>Hysterothorax traski pomo</i> Russian River tule perch		G5T4 S4	None	None	AFS:VU CDFW:SSC	
<i>Hysterothorax traski traski</i> Sacramento-San Joaquin tule perch		G5T2T3 S2S3	None	None		
GOBIIDAE (gobies)						
+ <i>Eucyclogobius newberryi</i> tidewater goby		G3 S3	Endangered	None	AFS:EN CDFW:SSC IUCN:VU	
COTTIDAE (sculpins)						
+ <i>Cottus asperimus</i> rough sculpin		G2 S2	None	Threatened	AFS:VU BLM:S CDFW:FP IUCN:VU CDFW:SSC	
<i>Cottus gulosus</i> riffle sculpin		G5 S3S4	None	None	CDFW:SSC	
<i>Cottus klamathensis klamathensis</i> Upper Klamath marbled sculpin		G4T1T2 S1S2	None	None	CDFW:SSC	
+ <i>Cottus klamathensis macrops</i> bigeye marbled sculpin		G4T3 S2S3	None	None	AFS:VU CDFW:SSC	
<i>Cottus klamathensis polyporus</i> Lower Klamath marbled sculpin		G4T2T4 S2S4	None	None	CDFW:SSC	
<i>Cottus perplexus</i> reticulate sculpin		G4 S2S3	None	None		

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Amphibians

Species	Comment	Rank	ESA	CESA	Other Status	Notes
AMBYSTOMATIDAE (mole salamanders)						
+ <i>Ambystoma californiense</i> California tiger salamander		G2G3 S2S3	Threatened	Threatened	CDFW:WL IUCN:VU	Yes
+ <i>Ambystoma macrodactylum croceum</i> Santa Cruz long-toed salamander		G5T1T2 S1S2	Endangered	Endangered	CDFW:FP	
+ <i>Ambystoma macrodactylum sigillatum</i> southern long-toed salamander		G5T4 S3	None	None	CDFW:SSC	
DICAMPTODONTIDAE (giant salamanders)						
+ <i>Dicamptodon ensatus</i> California giant salamander		G3 S2S3	None	None	CDFW:SSC IUCN:NT	
RHYACOTRITONIDAE (Olympic salamanders)						
+ <i>Rhyacotriton variegatus</i> southern torrent salamander		G3G4 S2S3	None	None	CDFW:SSC IUCN:LC USFS:S	
SALAMANDRIDAE (newts)						
+ <i>Taricha rivularis</i> red-bellied newt		G4 S2	None	None	CDFW:SSC IUCN:LC	
+ <i>Taricha torosa</i> Coast Range newt	(Monterey Co. & south only)	G4 S4	None	None	CDFW:SSC	
PLETHODONTIDAE (lungless salamanders)						
+ <i>Aneides niger</i> Santa Cruz black salamander		G3 S3	None	None	CDFW:SSC	
+ <i>Batrachoseps altasierrae</i> Greenhorn Mountains slender salamander		G4 S3S4	None	None		
+ <i>Batrachoseps bramei</i> Fairview slender salamander		G3 S3	None	None	USFS:S	
+ <i>Batrachoseps campi</i> Inyo Mountains slender salamander		G3 S3	None	None	BLM:S CDFW:SSC IUCN:EN USFS:S	
<i>Batrachoseps diabolicus</i> Hell Hollow slender salamander		G2 S3	None	None	IUCN:DD	
+ <i>Batrachoseps gabrieli</i> San Gabriel slender salamander		G2G3 S2S3	None	None	IUCN:DD USFS:S	
<i>Batrachoseps incognitus</i> San Simeon slender salamander		G2G3 S2	None	None	USFS:S	
<i>Batrachoseps kawia</i> Sequoia slender salamander		G1G2 S2	None	None	IUCN:DD	
<i>Batrachoseps luciae</i> Santa Lucia slender salamander		G2G3 S3	None	None	IUCN:LC	
+ <i>Batrachoseps major aridus</i> desert slender salamander		G4T1 S1	Endangered	Endangered		
<i>Batrachoseps minor</i> lesser slender salamander		G1 S1	None	None	CDFW:SSC IUCN:DD USFS:S	
+ <i>Batrachoseps pacificus</i> Channel Islands slender salamander		G4 S3S4	None	None	IUCN:LC	
+ <i>Batrachoseps regius</i> Kings River slender salamander		G2 S2S3	None	None	IUCN:VU USFS:S	
+ <i>Batrachoseps relictus</i> relictual slender salamander		G1 S1	None	None	CDFW:SSC IUCN:DD USFS:S	Yes
+ <i>Batrachoseps robustus</i> Kern Plateau salamander		G3 S3	None	None	IUCN:NT	
+ <i>Batrachoseps simatus</i> Kern Canyon slender salamander		G2G3 S2S3	None	Threatened	IUCN:VU USFS:S	
+ <i>Batrachoseps stebbinsi</i> Tehachapi slender salamander		G2 S2S3	None	Threatened	BLM:S IUCN:VU	

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
PLETHODONTIDAE (lungless salamanders)						
+ <i>Ensatina eschscholtzii croceator</i> yellow-blotched salamander		G5T3 S3	None	None	BLM:S CDFW:WL USFS:S	
+ <i>Ensatina klauberi</i> large-blotched salamander		G2G3 S3	None	None	CDFW:WL USFS:S	
+ <i>Hydromantes brunus</i> limestone salamander		G2G3 S2S3	None	Threatened	BLM:S CDFW:FP IUCN:VU USFS:S	
+ <i>Hydromantes platycephalus</i> Mount Lyell salamander		G4 S4	None	None	CDFW:WL IUCN:LC	
+ <i>Hydromantes shastae</i> Shasta salamander		G1G2 S3	None	Threatened	BLM:S IUCN:VU USFS:S	
+ <i>Plethodon asupak</i> Scott Bar salamander		G1G2 S1S2	None	Threatened	IUCN:VU	Yes
+ <i>Plethodon elongatus</i> Del Norte salamander		G4 S3	None	None	CDFW:WL IUCN:NT	
+ <i>Plethodon stormi</i> Siskiyou Mountains salamander		G2G3 S1S2	None	Threatened	IUCN:EN USFS:S	
ASCAPHIDAE (tailed frogs)						
+ <i>Ascaphus truei</i> Pacific tailed frog		G4 S3S4	None	None	CDFW:SSC IUCN:LC	
SCAPHIOPODIDAE (spadefoot toads)						
+ <i>Scaphiopus couchii</i> Couch's spadefoot		G5 S2	None	None	BLM:S CDFW:SSC IUCN:LC	
+ <i>Spea hammondi</i> western spadefoot		G3 S3	None	None	BLM:S CDFW:SSC IUCN:NT	
BUFONIDAE (true toads)						
+ <i>Anaxyrus californicus</i> arroyo toad		G2G3 S2S3	Endangered	None	CDFW:SSC IUCN:EN	Yes
+ <i>Anaxyrus canorus</i> Yosemite toad		G2G3 S2S3	Threatened	None	CDFW:SSC IUCN:EN USFS:S	Yes
+ <i>Anaxyrus exsul</i> black toad		G1 S1	None	Threatened	BLM:S CDFW:FP IUCN:VU USFS:S	Yes
+ <i>Incilius alvarius</i> Sonoran desert toad		G5 SH	None	None	CDFW:SSC IUCN:LC	Yes
RANIDAE						
+ <i>Lithobates pipiens</i> northern leopard frog	(Native populations only)	G5 S2	None	None	CDFW:SSC IUCN:LC	Yes
+ <i>Lithobates yavapaiensis</i> lowland leopard frog		G4 SX	None	None	BLM:S CDFW:SSC IUCN:LC	Yes
+ <i>Rana aurora</i> northern red-legged frog		G4 S3	None	None	CDFW:SSC USFS:S	Yes
+ <i>Rana boylei</i> foothill yellow-legged frog		G3 S3	None	None	BLM:S CDFW:SSC IUCN:NT USFS:S	
+ <i>Rana cascadae</i> Cascades frog		G3G4 S3	None	None	CDFW:SSC IUCN:NT USFS:S	

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
RANIDAE						
+ <i>Rana draytonii</i> California red-legged frog		G2G3 S2S3	Threatened	None	CDFW:SSC IUCN:VU	Yes
+ <i>Rana muscosa</i> southern mountain yellow-legged frog		G1 S1	Endangered	Endangered	CDFW:WL IUCN:EN USFS:S	Yes
+ <i>Rana pretiosa</i> Oregon spotted frog		G2 SH	Threatened	None	BLM:S CDFW:SSC IUCN:VU	
+ <i>Rana sierrae</i> Sierra Nevada yellow-legged frog		G1 S1	Endangered	Threatened	CDFW:WL IUCN:EN USFS:S	Yes

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Reptiles

Species	Comment	Rank	ESA	CESA	Other Status	Notes
CHELONIIDAE (sea turtles)						
+ <i>Chelonia mydas</i> green turtle		G3 S1	Threatened	None	IUCN:EN	
KINOSTERNIDAE (musk and mud turtles)						
+ <i>Kinosternon sonoriense</i> Sonoran mud turtle		G4 SH	None	None	CDFW:SSC IUCN:VU	
EMYDIDAE (box and water turtles)						
+ <i>Emys marmorata</i> western pond turtle		G3G4 S3	None	None	BLM:S CDFW:SSC IUCN:VU USFS:S	Yes
TESTUDINIDAE (land tortoises)						
+ <i>Gopherus agassizii</i> desert tortoise		G3 S2S3	Threatened	Threatened	IUCN:VU	
GEKKONIDAE (geckos)						
+ <i>Coleonyx switaki</i> barefoot gecko		G4 S1	None	Threatened	BLM:S IUCN:LC	
+ <i>Coleonyx variegatus abbotti</i> San Diego banded gecko		G5T3T4 S1S2	None	None	CDFW:SSC	
CROTAPHYTIDAE (collared & leopard lizards)						
<i>Gambelia copeii</i> Cope's leopard lizard		G5 S1S2	None	None	CDFW:SSC IUCN:LC	
+ <i>Gambelia sila</i> blunt-nosed leopard lizard		G1 S1	Endangered	Endangered	CDFW:FP IUCN:EN	
PHRYNOSOMATIDAE (spiny lizards)						
+ <i>Phrynosoma blainvillii</i> coast horned lizard		G3G4 S3S4	None	None	BLM:S CDFW:SSC IUCN:LC	
+ <i>Phrynosoma mcallii</i> flat-tailed horned lizard		G3 S2	None	Candidate Endangered	BLM:S CDFW:SSC IUCN:NT	
+ <i>Sceloporus graciosus graciosus</i> northern sagebrush lizard		G5T5 S3	None	None	BLM:S	
+ <i>Uma inornata</i> Coachella Valley fringe-toed lizard		G1Q S1	Threatened	Endangered	IUCN:EN	
+ <i>Uma notata</i> Colorado Desert fringe-toed lizard		G3 S2	None	None	BLM:S CDFW:SSC IUCN:NT	
+ <i>Uma scoparia</i> Mojave fringe-toed lizard		G3G4 S3S4	None	None	BLM:S CDFW:SSC IUCN:LC	
XANTUSIIDAE (night lizards)						
+ <i>Xantusia gracilis</i> sandstone night lizard		G1 S1	None	None	CDFW:SSC IUCN:VU	
+ <i>Xantusia riversiana</i> island night lizard		G3 S3	Delisted	None	IUCN:LC	
<i>Xantusia sierrae</i> Sierra night lizard		G5T1 S1	None	None	CDFW:SSC USFS:S	
SCINCIDAE (skinks)						
+ <i>Plestiodon skiltonianus interparietalis</i> Coronado Island skink		G5T2T3Q S1S2	None	None	BLM:S CDFW:WL	
TEIIDAE (whiptails and relatives)						
+ <i>Aspidoscelis hyperythra</i> orangethroat whiptail		G5 S2S3	None	None	CDFW:WL IUCN:LC USFS:S	
+ <i>Aspidoscelis tigris stejnegeri</i> coastal whiptail		G5T5 S3	None	None	CDFW:SSC	

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Reptiles

Species	Comment	Rank	ESA	CESA	Other Status	Notes
ANGUIDAE (alligator lizards)						
+ <i>Elgaria panamintina</i> Panamint alligator lizard		G3 S3	None	None	BLM:S CDFW:SSC IUCN:VU USFS:S	
ANNIELLIDAE (Legless lizards)						
+ <i>Anniella pulchra nigra</i> black legless lizard		G3G4T2T3Q S2	None	None	CDFW:SSC USFS:S	
+ <i>Anniella pulchra pulchra</i> silvery legless lizard		G3G4T3T4Q S3	None	None	CDFW:SSC USFS:S	
HELODERMATIDAE (venomous lizards)						
+ <i>Heloderma suspectum cinctum</i> banded gila monster		G4T4 S1	None	None	BLM:S CDFW:SSC IUCN:NT	Yes
BOIDAE (boas)						
+ <i>Charina trivirgata</i> rosy boa		G4G5 S3S4	None	None	IUCN:LC USFS:S	Yes
+ <i>Charina umbratica</i> southern rubber boa		G2G3 S2S3	None	Threatened	USFS:S	
COLUBRIDAE (egg-laying snakes)						
<i>Arizona elegans occidentalis</i> California glossy snake		G5T2 S2	None	None	CDFW:SSC	
<i>Bogertophis rosaliae</i> Baja California rat snake		G4 S1	None	None	CDFW:WL IUCN:LC	
<i>Coluber fuliginosus</i> Baja California coachwhip		G5 S1S2	None	None	CDFW:SSC	
+ <i>Diadophis punctatus modestus</i> San Bernardino ringneck snake		G5T2T3Q S2?	None	None	USFS:S	
<i>Diadophis punctatus regalis</i> regal ringneck snake		GNR S2S3	None	None	CDFW:SSC	
+ <i>Diadophis punctatus similis</i> San Diego ringneck snake		G5T2T3 S2?	None	None	USFS:S	
+ <i>Lampropeltis zonata (parvirubra)</i> California mountain kingsnake (San Bernardino population)		G4G5 S2?	None	None	BLM:S CDFW:WL IUCN:LC USFS:S	
+ <i>Lampropeltis zonata (pulchra)</i> California mountain kingsnake (San Diego population)		G4G5 S1S2	None	None	BLM:S CDFW:WL IUCN:LC USFS:S	
+ <i>Masticophis flagellum ruddocki</i> San Joaquin coachwhip		G5T2T3 S2?	None	None	CDFW:SSC	
+ <i>Masticophis lateralis euryxanthus</i> Alameda whipsnake		G4T2 S2	Threatened	Threatened		
<i>Pituophis catenifer pumilus</i> Santa Cruz Island gophersnake		G5T1T2 S1?	None	None	CDFW:WL	
+ <i>Salvadora hexalepis virgultea</i> coast patch-nosed snake		G5T4 S2S3	None	None	CDFW:SSC	
NATRICIDAE (live-bearing snakes)						
+ <i>Thamnophis gigas</i> giant gartersnake		G2 S2	Threatened	Threatened	IUCN:VU	
+ <i>Thamnophis hammondi</i> two-striped gartersnake		G4 S3S4	None	None	BLM:S CDFW:SSC IUCN:LC USFS:S	
<i>Thamnophis hammondi</i> ssp. Santa Catalina gartersnake		G4T1? S1	None	None		

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NATRICIDAE (live-bearing snakes)						
+ <i>Thamnophis sirtalis</i> ssp. south coast gartersnake	(Coastal plain from Ventura Co. to San Diego Co., from sea level to about 850 m.)	G5T1T2 S1S2	None	None	CDFW:SSC	
+ <i>Thamnophis sirtalis tetrataenia</i> San Francisco gartersnake		G5T2Q S2	Endangered	Endangered	CDFW:FP	
VIPERIIDAE (vipers)						
+ <i>Crotalus ruber</i> red-diamond rattlesnake		G4 S3	None	None	CDFW:SSC USFS:S	

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Birds

Species	Comment	Rank	ESA	CESA	Other Status	Notes
ANATIDAE (ducks, geese, and swans)						
<i>Anser albifrons elgasi</i> tule greater white-fronted goose	(Wintering)	G5T2 S2S3	None	None	CDFW:SSC	
<i>Aythya americana</i> redhead	(Nesting)	G5 S3S4	None	None	CDFW:SSC IUCN:LC	
<i>Aythya valisineria</i> canvasback	(Nesting)	G5 S2	None	None	IUCN:LC	
<i>Branta bernicla</i> brant	(Wintering & staging)	G5 S2?	None	None	CDFW:SSC IUCN:LC	
+ <i>Branta hutchinsii leucopareia</i> cackling (=Aleutian Canada) goose	(Wintering)	G5T3 S3	Delisted	None		
<i>Bucephala islandica</i> Barrow's goldeneye	(Nesting)	G5 S1	None	None	CDFW:SSC IUCN:LC	
+ <i>Dendrocygna bicolor</i> fulvous whistling-duck	(Nesting)	G5 S1	None	None	CDFW:SSC IUCN:LC	
+ <i>Histrionicus histrionicus</i> harlequin duck	(Nesting)	G4 S1	None	None	CDFW:SSC IUCN:LC	
PHASIANIDAE (grouse and ptarmigan)						
+ <i>Bonasa umbellus</i> ruffed grouse		G5 S3S4	None	None	CDFW:WL IUCN:LC	
+ <i>Centrocercus urophasianus</i> greater sage-grouse	(Nesting & leks)	G3G4 S2S3	None	None	BLM:S CDFW:SSC IUCN:NT USFS:S	Yes
+ <i>Dendragapus fuliginosus howardi</i> Mount Pinos sooty grouse		G5T2T3 S2S3	None	None	CDFW:SSC	Yes
<i>Tympanuchus phasianellus columbianus</i> Columbian sharp-tailed grouse		G4T3 SX	None	None	CDFW:SSC	
ODONTOPHORIDAE (partridge and quail)						
<i>Callipepla californica catalinensis</i> Catalina California quail		G5T2 S2	None	None	CDFW:SSC	
GAVIIDAE (loons)						
<i>Gavia immer</i> common loon	(Nesting)	G5 S1	None	None	CDFW:SSC IUCN:LC	
DIOMEDEIDAE (albatross)						
<i>Phoebastria albatrus</i> short-tailed albatross		G1 S1	Endangered	None	CDFW:SSC IUCN:VU NABCI:RWL	
HYDROBATIDAE (storm petrels)						
+ <i>Oceanodroma furcata</i> fork-tailed storm-petrel	(Nesting colony)	G5 S1	None	None	BLM:S CDFW:SSC IUCN:LC	
+ <i>Oceanodroma homochroa</i> ashy storm-petrel	(Nesting colony)	G2 S2	None	None	BLM:S CDFW:SSC IUCN:EN NABCI:RWL USFWS:BCC	
+ <i>Oceanodroma melania</i> black storm-petrel	(Nesting colony)	G3G4 S1	None	None	CDFW:SSC IUCN:LC NABCI:YWL	
PELECANIIDAE (pelicans)						
+ <i>Pelecanus erythrorhynchos</i> American white pelican	(Nesting colony)	G4 S1S2	None	None	CDFW:SSC IUCN:LC	
+ <i>Pelecanus occidentalis californicus</i> California brown pelican	(Nesting colony & communal roosts)	G4T3 S3	Delisted	Delisted	BLM:S CDFW:FP USFS:S	

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PHALACROCORACIDAE (cormorants)						
+ <i>Phalacrocorax auritus</i> double-crested cormorant	(Nesting colony)	G5 S4	None	None	CDFW:WL IUCN:LC	
ARDEIDAE (herons, egrets, and bitterns)						
+ <i>Ardea alba</i> great egret	(Nesting colony)	G5 S4	None	None	CDF:S IUCN:LC	
+ <i>Ardea herodias</i> great blue heron	(Nesting colony)	G5 S4	None	None	CDF:S IUCN:LC	
<i>Botaurus lentiginosus</i> American bittern		G4 S3S4	None	None	IUCN:LC	
+ <i>Egretta thula</i> snowy egret	(Nesting colony)	G5 S4	None	None	IUCN:LC	
+ <i>Ixobrychus exilis</i> least bittern	(Nesting)	G5 S2	None	None	CDFW:SSC IUCN:LC USFWS:BCC	
+ <i>Nycticorax nycticorax</i> black-crowned night heron	(Nesting colony)	G5 S4	None	None	IUCN:LC	
THRESKIORNITHIDAE (ibises and spoonbills)						
+ <i>Plegadis chihi</i> white-faced ibis	(Nesting colony)	G5 S3S4	None	None	CDFW:WL IUCN:LC	
CICONIIDAE (storks)						
<i>Mycteria americana</i> wood stork		G4 S2?	None	None	CDFW:SSC IUCN:LC	
CATHARTIDAE (New World vultures)						
+ <i>Gymnogyps californianus</i> California condor		G1 S1	Endangered	Endangered	CDF:S CDFW:FP IUCN:CR NABCI:RWL	
ACCIPITRIDAE (hawks, kites, harriers, & eagles)						
+ <i>Accipiter cooperii</i> Cooper's hawk	(Nesting)	G5 S4	None	None	CDFW:WL IUCN:LC	
+ <i>Accipiter gentilis</i> northern goshawk	(Nesting)	G5 S3	None	None	BLM:S CDF:S CDFW:SSC IUCN:LC USFS:S	
+ <i>Accipiter striatus</i> sharp-shinned hawk	(Nesting)	G5 S4	None	None	CDFW:WL	
+ <i>Aquila chrysaetos</i> golden eagle	(Nesting & wintering)	G5 S3	None	None	BLM:S CDF:S CDFW:FP CDFW:WL IUCN:LC USFWS:BCC	
+ <i>Buteo regalis</i> ferruginous hawk	(Wintering)	G4 S3S4	None	None	CDFW:WL IUCN:LC USFWS:BCC	
+ <i>Buteo swainsoni</i> Swainson's hawk	(Nesting)	G5 S3	None	Threatened	BLM:S IUCN:LC USFWS:BCC	
+ <i>Circus cyaneus</i> northern harrier	(Nesting)	G5 S3	None	None	CDFW:SSC IUCN:LC	
+ <i>Elanus leucurus</i> white-tailed kite	(Nesting)	G5 S3S4	None	None	BLM:S CDFW:FP IUCN:LC	

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ACCIPITRIDAE (hawks, kites, harriers, & eagles)						
+ <i>Haliaeetus leucocephalus</i> bald eagle	(Nesting & wintering)	G5 S3	Delisted	Endangered	BLM:S CDF:S CDFW:FP IUCN:LC USFS:S USFWS:BCC	
+ <i>Pandion haliaetus</i> osprey	(Nesting)	G5 S4	None	None	CDF:S CDFW:WL IUCN:LC	
<i>Parabuteo unicinctus</i> Harris' hawk	(Nesting)	G5 S1	None	None	CDFW:WL IUCN:LC	
FALCONIDAE (falcons)						
+ <i>Falco columbarius</i> merlin	(Wintering)	G5 S3S4	None	None	CDFW:WL IUCN:LC	
+ <i>Falco mexicanus</i> prairie falcon	(Nesting)	G5 S4	None	None	CDFW:WL IUCN:LC USFWS:BCC	
+ <i>Falco peregrinus anatum</i> American peregrine falcon	(Nesting)	G4T4 S3S4	Delisted	Delisted	CDF:S CDFW:FP USFWS:BCC	
RALLIDAE (rails, coots, and gallinules)						
+ <i>Coturnicops noveboracensis</i> yellow rail		G4 S1S2	None	None	CDFW:SSC IUCN:LC NABCI:RWL USFS:S USFWS:BCC	
+ <i>Laterallus jamaicensis coturniculus</i> California black rail		G3G4T1 S1	None	Threatened	BLM:S CDFW:FP IUCN:NT NABCI:RWL USFWS:BCC	Yes
+ <i>Rallus longirostris levipes</i> light-footed clapper rail		G5T1T2 S1	Endangered	Endangered	CDFW:FP NABCI:RWL	Yes
+ <i>Rallus longirostris obsoletus</i> California clapper rail		G5T1 S1	Endangered	Endangered	CDFW:FP NABCI:RWL	Yes
+ <i>Rallus longirostris yumanensis</i> Yuma clapper rail		G5T3 S1S2	Endangered	Threatened	CDFW:FP NABCI:RWL	Yes
GRUIDAE (cranes)						
<i>Grus canadensis canadensis</i> lesser sandhill crane	(Wintering)	G5T4 S3S4	None	None	CDFW:SSC	
+ <i>Grus canadensis tabida</i> greater sandhill crane	(Nesting & wintering)	G5T4 S2	None	Threatened	BLM:S CDFW:FP USFS:S	
CHARADRIIDAE (plovers and relatives)						
+ <i>Charadrius alexandrinus nivosus</i> western snowy plover	(Nesting)	G3T3 S2S3	Threatened	None	CDFW:SSC NABCI:RWL USFWS:BCC	Yes
+ <i>Charadrius montanus</i> mountain plover	(Wintering)	G3 S2S3	None	None	BLM:S CDFW:SSC IUCN:NT NABCI:RWL USFWS:BCC	Yes
HAEMATOPODIDAE (oystercatchers)						
<i>Haematopus bachmani</i> black oystercatcher	(Nesting)	G5 S4	None	None	IUCN:LC NABCI:YWL USFWS:BCC	

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SCOLOPACIDAE (sandpipers and relatives)						
<i>Numenius americanus</i> long-billed curlew	(Nesting)	G5 S2	None	None	CDFW:WL IUCN:LC NABCI:YWL USFWS:BCC	
LARIDAE (gulls and terns)						
+ <i>Chlidonias niger</i> black tern	(Nesting colony)	G4 S2	None	None	CDFW:SSC IUCN:LC	
+ <i>Gelochelidon nilotica</i> gull-billed tern	(Nesting colony)	G5 S1	None	None	CDFW:SSC IUCN:LC NABCI:YWL USFWS:BCC	Yes
+ <i>Hydroprogne caspia</i> Caspian tern	(Nesting colony)	G5 S4	None	None	IUCN:LC USFWS:BCC	Yes
+ <i>Larus californicus</i> California gull	(Nesting colony)	G5 S4	None	None	CDFW:WL IUCN:LC	
<i>Leucophaeus atricilla</i> laughing gull	(Nesting colony)	G5 S1	None	None	CDFW:WL IUCN:LC	
+ <i>Rynchops niger</i> black skimmer	(Nesting colony)	G5 S2	None	None	CDFW:SSC IUCN:LC NABCI:YWL USFWS:BCC	
<i>Sterna forsteri</i> Forster's tern	(Nesting colony)	G5 S4	None	None	IUCN:LC	
+ <i>Sternula antillarum browni</i> California least tern	(Nesting colony)	G4T2T3Q S2	Endangered	Endangered	CDFW:FP NABCI:RWL	Yes
<i>Thalasseus elegans</i> elegant tern	(Nesting colony)	G2 S2	None	None	CDFW:WL IUCN:NT	Yes
ALCIDAE (auklets, puffins, and relatives)						
+ <i>Brachyramphus marmoratus</i> marbled murrelet	(Nesting)	G3G4 S1	Threatened	Endangered	CDF:S IUCN:EN NABCI:RWL	
+ <i>Cerorhinca monocerata</i> rhinoceros auklet	(Nesting colony)	G5 S3	None	None	CDFW:WL IUCN:LC	
+ <i>Fratercula cirrhata</i> tufted puffin	(Nesting colony)	G5 S1S2	None	None	CDFW:SSC IUCN:LC	
<i>Ptychoramphus aleuticus</i> Cassin's auklet	(Nesting colony)	G4 S2S4	None	None	CDFW:SSC IUCN:LC USFWS:BCC	
+ <i>Synthliboramphus scrippsi</i> Scripps's murrelet	(Nesting colony)	G3 S2	Candidate	Threatened	BLM:S IUCN:VU NABCI:RWL USFWS:BCC	Yes
CUCULIDAE (cuckoos and relatives)						
+ <i>Coccyzus americanus occidentalis</i> western yellow-billed cuckoo	(Nesting)	G5T2T3 S1	Threatened	Endangered	BLM:S NABCI:RWL USFS:S USFWS:BCC	
STRIGIDAE (owls)						
+ <i>Asio flammeus</i> short-eared owl	(Nesting)	G5 S3	None	None	CDFW:SSC IUCN:LC	
+ <i>Asio otus</i> long-eared owl	(Nesting)	G5 S3?	None	None	CDFW:SSC IUCN:LC	
+ <i>Athene cunicularia</i> burrowing owl	(Burrow sites & some wintering sites)	G4 S3	None	None	BLM:S CDFW:SSC IUCN:LC USFWS:BCC	Yes

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
STRIGIDAE (owls)						
+ <i>Micrathene whitneyi</i> elf owl	(Nesting)	G5 S1	None	Endangered	BLM:S IUCN:LC USFWS:BCC	
+ <i>Psilosops flammeolus</i> flamulated owl	(Nesting)	G4 S2S4	None	None	IUCN:LC NABCI:YWL USFWS:BCC	
+ <i>Strix nebulosa</i> great gray owl	(Nesting)	G5 S1	None	Endangered	CDF:S IUCN:LC USFS:S	
<i>Strix occidentalis caurina</i> northern spotted owl		G3T3 S2S3	Threatened	Candidate Threatened	CDF:S CDFW:SSC IUCN:NT NABCI:YWL	Yes
<i>Strix occidentalis occidentalis</i> California spotted owl		G3G4T3 S3	None	None	BLM:S CDFW:SSC IUCN:NT USFS:S USFWS:BCC	Yes
APODIDAE (swifts)						
<i>Chaetura vauxi</i> Vaux's swift	(Nesting)	G5 S2S3	None	None	CDFW:SSC IUCN:LC	
+ <i>Cypseloides niger</i> black swift	(Nesting)	G4 S2	None	None	CDFW:SSC IUCN:LC NABCI:YWL USFWS:BCC	
TROCHILIDAE (hummingbirds)						
<i>Calypte costae</i> Costa's hummingbird	(Nesting)	G5 S4	None	None	IUCN:LC USFWS:BCC	
<i>Selasphorus rufus</i> rufous hummingbird	(Nesting)	G5 S1S2	None	None	IUCN:LC NABCI:YWL USFWS:BCC	
<i>Selasphorus sasin</i> Allen's hummingbird	(Nesting)	G5 S4	None	None	IUCN:LC NABCI:YWL USFWS:BCC	
PICIDAE (woodpeckers)						
+ <i>Colaptes chrysoides</i> gilded flicker		G5 S1	None	Endangered	BLM:S IUCN:LC NABCI:YWL USFWS:BCC	
+ <i>Melanerpes lewis</i> Lewis' woodpecker	(Nesting)	G4 S4	None	None	IUCN:LC NABCI:YWL USFWS:BCC	
+ <i>Melanerpes uropygialis</i> Gila woodpecker		G5 S1	None	Endangered	BLM:S IUCN:LC USFWS:BCC	
<i>Picoides albolarvatus</i> White-headed woodpecker	(Nesting)	G4 S4	None	None	IUCN:LC USFWS:BCC	
+ <i>Picoides arcticus</i> black-backed woodpecker		G5 S2	None	None		
+ <i>Sphyrapicus ruber</i> red-breasted sapsucker	(Nesting)	G5 S4	None	None		
TYRANNIDAE (tyrant flycatchers)						
<i>Contopus cooperi</i> olive-sided flycatcher	(Nesting)	G4 S4	None	None	CDFW:SSC IUCN:NT NABCI:YWL USFWS:BCC	

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TYRANNIDAE (tyrant flycatchers)						
+ <i>Empidonax traillii</i> willow flycatcher	(Nesting)	G5 S1S2	None	Endangered	IUCN:LC USFS:S USFWS:BCC	Yes
+ <i>Empidonax traillii brewsteri</i> little willow flycatcher	(Nesting)	G5T3T4 S1S2	None	Endangered	USFWS:BCC	Yes
+ <i>Empidonax traillii extimus</i> southwestern willow flycatcher	(Nesting)	G5T2 S1	Endangered	Endangered	NABCI:RWL	Yes
+ <i>Myiarchus tyrannulus</i> brown-crested flycatcher	(Nesting)	G5 S3	None	None	CDFW:WL IUCN:LC	
+ <i>Pyrocephalus rubinus</i> vermillion flycatcher	(Nesting)	G5 S2S3	None	None	CDFW:SSC IUCN:LC	
LANIIDAE (shrikes)						
+ <i>Lanius ludovicianus</i> loggerhead shrike	(Nesting)	G4 S4	None	None	CDFW:SSC IUCN:LC USFWS:BCC	
<i>Lanius ludovicianus anthonyi</i> Island loggerhead shrike		G4T1 S1	None	None	CDFW:SSC NABCI:RWL	
+ <i>Lanius ludovicianus mearnsi</i> San Clemente loggerhead shrike		G4T1Q S1	Endangered	None	CDFW:SSC NABCI:RWL	Yes
VIREONIDAE (vireos)						
+ <i>Vireo bellii arizonae</i> Arizona bell's vireo	(Nesting)	G5T4 S1S2	None	Endangered	BLM:S IUCN:NT USFWS:BCC	Yes
+ <i>Vireo bellii pusillus</i> least Bell's vireo	(Nesting)	G5T2 S2	Endangered	Endangered	IUCN:NT NABCI:YWL	Yes
<i>Vireo huttoni unitti</i> Catalina Hutton's vireo		G5T2? S2?	None	None	CDFW:SSC	
+ <i>Vireo vicinior</i> gray vireo	(Nesting)	G4 S2	None	None	BLM:S CDFW:SSC IUCN:LC NABCI:YWL USFS:S USFWS:BCC	
CORVIDAE (jays, crows, and magpies)						
<i>Aphelocoma californica cana</i> Eagle Mountain scrub-jay		G5T1T2 S1S2	None	None	CDFW:WL	
<i>Aphelocoma insularis</i> Island scrub-jay		G1 S1	None	None	IUCN:NT NABCI:RWL USFWS:BCC	
<i>Pica nuttalli</i> yellow-billed magpie	(Nesting & communal roosts)	G3G4 S3S4	None	None	IUCN:LC NABCI:YWL USFWS:BCC	
ALAUDIDAE (larks)						
+ <i>Eremophila alpestris actia</i> California horned lark		G5T3Q S3	None	None	CDFW:WL IUCN:LC	
HIRUNDINIDAE (swallows)						
+ <i>Progne subis</i> purple martin	(Nesting)	G5 S3	None	None	CDFW:SSC IUCN:LC	
+ <i>Riparia riparia</i> bank swallow	(Nesting)	G5 S2	None	Threatened	BLM:S IUCN:LC	
PARIDAE (titmice and relatives)						
+ <i>Baeolophus inornatus</i> oak titmouse	(Nesting)	G4 S4	None	None	IUCN:LC NABCI:YWL USFWS:BCC	
<i>Poecile atricapillus</i> black-capped chickadee		G5 S3	None	None	CDFW:WL IUCN:LC	

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Birds

Species	Comment	Rank	ESA	CESA	Other Status	Notes
TROGLODYTIDAE (wrens)						
+ <i>Campylorhynchus brunneicapillus sandiegensis</i> coastal cactus wren	(San Diego & Orange Counties only)	G5T3Q S3	None	None	CDFW:SSC USFS:S USFWS:BCC	Yes
<i>Cistothorus palustris clarkae</i> Clark's marsh wren		G5T2T3 S2S3	None	None	CDFW:SSC	
<i>Thryomanes bewickii leucophrys</i> San Clemente Bewick's wren		G5TX SX	None	None	CDFW:SSC	
POLIOPTILIDAE (gnatcatchers)						
+ <i>Poliophtila californica californica</i> coastal California gnatcatcher		G4G5T2Q S2	Threatened	None	CDFW:SSC NABCI:YWL	Yes
+ <i>Poliophtila melanura</i> black-tailed gnatcatcher		G5 S3S4	None	None	CDFW:WL IUCN:LC	
MIMIDAE (mockingbirds and thrashers)						
+ <i>Toxostoma bendirei</i> Bendire's thrasher		G4G5 S3	None	None	BLM:S CDFW:SSC IUCN:VU NABCI:RWL USFWS:BCC	
+ <i>Toxostoma crissale</i> Crissal thrasher		G5 S3	None	None	CDFW:SSC IUCN:LC	
+ <i>Toxostoma lecontei</i> Le Conte's thrasher		G4 S3	None	None	CDFW:SSC IUCN:LC NABCI:RWL USFWS:BCC	Yes
PARULIDAE (wood-warblers)						
+ <i>Geothlypis trichas sinuosa</i> saltmarsh common yellowthroat		G5T3 S3	None	None	CDFW:SSC USFWS:BCC	Yes
+ <i>Icteria virens</i> yellow-breasted chat	(Nesting)	G5 S3	None	None	CDFW:SSC IUCN:LC	
+ <i>Oreothlypis luciae</i> Lucy's warbler	(Nesting)	G5 S2S3	None	None	BLM:S CDFW:SSC IUCN:LC USFWS:BCC	
+ <i>Oreothlypis virginiae</i> Virginia's warbler	(Nesting)	G5 S2	None	None	CDFW:WL IUCN:LC NABCI:YWL USFWS:BCC	
<i>Setophaga occidentalis</i> hermit warbler	(Nesting)	G4G5 S4	None	None	IUCN:LC	
+ <i>Setophaga petechia</i> yellow warbler	(Nesting)	G5 S3S4	None	None	CDFW:SSC USFWS:BCC	Yes
+ <i>Setophaga petechia sonorana</i> Sonoran yellow warbler	(Nesting)	G5T2T3 S2	None	None	CDFW:SSC USFWS:BCC	Yes
EMBERIZIDAE (sparrows, buntings, warblers, & relatives)						
+ <i>Aimophila ruficeps canescens</i> southern California rufous-crowned sparrow		G5T3 S2S3	None	None	CDFW:WL	
<i>Aimophila ruficeps obscura</i> Santa Cruz Island rufous-crowned sparrow		G5T2T3 S2S3	None	None	CDFW:SSC	
+ <i>Ammodramus savannarum</i> grasshopper sparrow	(Nesting)	G5 S3	None	None	CDFW:SSC IUCN:LC	
+ <i>Artemisiospiza belli belli</i> Bell's sage sparrow		G5T2T4 S2?	None	None	CDFW:WL USFWS:BCC	Yes
+ <i>Artemisiospiza belli clementeae</i> San Clemente sage sparrow		G5T1Q S1	Threatened	None	CDFW:SSC NABCI:YWL USFWS:BCC	Yes
+ <i>Junco hyemalis caniceps</i> gray-headed junco	(Nesting)	G5T5 S1	None	None	CDFW:WL	

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
EMBERIZIDAE (sparrows, buntings, warblers, & relatives)						
+ <i>Melospiza melodia</i> song sparrow ("Modesto" population)		G5 S3?	None	None	CDFW:SSC	
+ <i>Melospiza melodia graminea</i> Channel Island song sparrow		G5T1 S1	None	None	CDFW:SSC USFWS:BCC	Yes
+ <i>Melospiza melodia maxillaris</i> Suisun song sparrow		G5T3 S3	None	None	CDFW:SSC USFWS:BCC	
+ <i>Melospiza melodia pusillula</i> Alameda song sparrow		G5T2? S2S3	None	None	CDFW:SSC USFWS:BCC	
+ <i>Melospiza melodia samuelis</i> San Pablo song sparrow		G5T2? S2?	None	None	CDFW:SSC USFWS:BCC	
<i>Melozona aberti</i> Abert's towhee		G3G4 S3	None	None	IUCN:LC	
+ <i>Melozona crissalis eremophilus</i> Inyo California towhee		G4G5T2 S2	Threatened	Endangered	NABCI:RWL	Yes
<i>Passerculus sandwichensis alaudinus</i> Bryant's savannah sparrow		G5T2T3 S2S3	None	None	CDFW:SSC	
+ <i>Passerculus sandwichensis beldingi</i> Belding's savannah sparrow		G5T3 S3	None	Endangered		
<i>Passerculus sandwichensis rostratus</i> large-billed savannah sparrow	(Wintering)	G5T2T3 S2?	None	None	CDFW:SSC	
<i>Pipilo maculatus clementae</i> San Clemente spotted towhee		G5T1 S1S2	None	None	CDFW:SSC USFWS:BCC	
+ <i>Piranga flava</i> hepatic tanager	(Nesting)	G5 S1	None	None	CDFW:WL IUCN:LC	Yes
+ <i>Piranga rubra</i> summer tanager	(Nesting)	G5 S1	None	None	CDFW:SSC IUCN:LC	Yes
<i>Poocetes gramineus affinis</i> Oregon vesper sparrow	(Wintering)	G5T3? S3?	None	None	CDFW:SSC NABCI:RWL USFWS:BCC	
<i>Spizella atrogularis</i> black-chinned sparrow	(Nesting)	G5 S4	None	None	IUCN:LC NABCI:YWL USFWS:BCC	
+ <i>Spizella breweri</i> Brewer's sparrow	(Nesting)	G5 S4	None	None	IUCN:LC USFWS:BCC	
CARDINALIDAE (cardinals)						
+ <i>Cardinalis cardinalis</i> northern cardinal		G5 S1	None	None	CDFW:WL IUCN:LC	
ICTERIDAE (blackbirds)						
<i>Agelaius phoeniceus aciculatus</i> Kern red-winged blackbird		G5T1T2 S1S2	None	None	CDFW:SSC	
+ <i>Agelaius tricolor</i> tricolored blackbird	(Nesting colony)	G2G3 S1S2	None	None	BLM:S CDFW:SSC IUCN:EN NABCI:RWL USFWS:BCC	Yes
+ <i>Xanthocephalus xanthocephalus</i> yellow-headed blackbird	(Nesting)	G5 S3	None	None	CDFW:SSC IUCN:LC	
FRINGILLIDAE (finches and relatives)						
+ <i>Spinus lawrencei</i> Lawrence's goldfinch	(Nesting)	G3G4 S3S4	None	None	IUCN:LC NABCI:YWL USFWS:BCC	

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Mammals

Species	Comment	Rank	ESA	CESA	Other Status	Notes
TALPIDAE (moles)						
+ <i>Scapanus latimanus insularis</i> Angel Island mole		G5T1 S1	None	None		
+ <i>Scapanus latimanus parvus</i> Alameda Island mole		G5T1Q S1	None	None	CDFW:SSC	
SORICIDAE (shrews)						
+ <i>Sorex lyelli</i> Mount Lyell shrew		G3G4 S3S4	None	None	CDFW:SSC IUCN:LC	
+ <i>Sorex ornatus relictus</i> Buena Vista Lake ornate shrew		G5T1 S1	Endangered	None	CDFW:SSC	
<i>Sorex ornatus salarius</i> Monterey shrew		G5T1T2 S1S2	None	None	CDFW:SSC	
+ <i>Sorex ornatus salicornicus</i> southern California saltmarsh shrew		G5T1? S1	None	None	CDFW:SSC	
+ <i>Sorex ornatus sinuosus</i> Suisun shrew		G5T1T2Q S1S2	None	None	CDFW:SSC	
+ <i>Sorex ornatus willetti</i> Santa Catalina shrew		G5T1 S1	None	None	CDFW:SSC	
+ <i>Sorex vagrans halicoetes</i> salt-marsh wandering shrew		G5T1 S1	None	None	CDFW:SSC	
<i>Sorex vagrans paludivagus</i> Monterey vagrant shrew		G5T1 S1	None	None		
PHYLLOSTOMIDAE (leaf-nosed bats)						
+ <i>Choeronycteris mexicana</i> Mexican long-tongued bat		G4 S1	None	None	CDFW:SSC IUCN:NT WBWG:H	
+ <i>Leptonycteris yerbabuenae</i> lesser long-nosed bat		G4 S1	Endangered	None	IUCN:VU WBWG:H	Yes
+ <i>Macrotus californicus</i> California leaf-nosed bat		G4 S3	None	None	BLM:S CDFW:SSC IUCN:LC WBWG:H	
VESPERTILIONIDAE (evening bats)						
+ <i>Antrozous pallidus</i> pallid bat		G5 S3	None	None	BLM:S CDFW:SSC IUCN:LC USFS:S WBWG:H	
+ <i>Corynorhinus townsendii</i> Townsend's big-eared bat		G3G4 S2	None	Candidate Threatened	BLM:S CDFW:SSC IUCN:LC USFS:S WBWG:H	
+ <i>Euderma maculatum</i> spotted bat		G4 S3	None	None	BLM:S CDFW:SSC IUCN:LC WBWG:H	
+ <i>Lasionycteris noctivagans</i> silver-haired bat		G5 S3S4	None	None	IUCN:LC WBWG:M	
+ <i>Lasiurus blossevillii</i> western red bat		G5 S3	None	None	CDFW:SSC IUCN:LC WBWG:H	Yes
+ <i>Lasiurus cinereus</i> hoary bat		G5 S4	None	None	IUCN:LC WBWG:M	
+ <i>Lasiurus xanthinus</i> western yellow bat		G5 S3	None	None	CDFW:SSC IUCN:LC WBWG:H	Yes

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VESPERTILIONIDAE (evening bats)						
+ <i>Myotis ciliolabrum</i> western small-footed myotis		G5 S3	None	None	BLM:S IUCN:LC WBWG:M	
+ <i>Myotis evotis</i> long-eared myotis		G5 S3	None	None	BLM:S IUCN:LC WBWG:M	
<i>Myotis lucifugus</i> little brown bat	(San Bernardino Mts population)	G3 S2S3	None	None	IUCN:LC WBWG:M	
+ <i>Myotis occultus</i> Arizona Myotis		G4 S1	None	None	CDFW:SSC IUCN:LC WBWG:M	
+ <i>Myotis thysanodes</i> fringed myotis		G4 S3	None	None	BLM:S IUCN:LC USFS:S WBWG:H	
+ <i>Myotis velifer</i> cave myotis		G5 S1	None	None	BLM:S CDFW:SSC IUCN:LC WBWG:M	
+ <i>Myotis volans</i> long-legged myotis		G5 S3	None	None	IUCN:LC WBWG:H	
+ <i>Myotis yumanensis</i> Yuma myotis		G5 S4	None	None	BLM:S IUCN:LC WBWG:LM	
MOLOSSIDAE (free-tailed bats)						
+ <i>Eumops perotis californicus</i> western mastiff bat		G5T4 S3S4	None	None	BLM:S CDFW:SSC WBWG:H	
+ <i>Nyctinomops femorosaccus</i> pocketed free-tailed bat		G4 S3	None	None	CDFW:SSC IUCN:LC WBWG:M	
+ <i>Nyctinomops macrotis</i> big free-tailed bat		G5 S3	None	None	CDFW:SSC IUCN:LC WBWG:MH	
OCHOTONIDAE (pikas)						
+ <i>Ochotona princeps schisticeps</i> gray-headed pika		G5T2T4 S2S4	None	None	IUCN:NT	Yes
LEPORIDAE (rabbits and hares)						
+ <i>Brachylagus idahoensis</i> pygmy rabbit		G4 S3	None	None	BLM:S CDFW:SSC IUCN:LC USFS:S	
+ <i>Lepus americanus klamathensis</i> Oregon snowshoe hare		G5T3T4Q S2?	None	None	CDFW:SSC	
+ <i>Lepus americanus tahoensis</i> Sierra Nevada snowshoe hare		G5T3T4Q S2?	None	None	CDFW:SSC	
+ <i>Lepus californicus bennettii</i> San Diego black-tailed jackrabbit		G5T3T4 S3S4	None	None	CDFW:SSC	
+ <i>Lepus townsendii townsendii</i> western white-tailed jackrabbit		G5T5 S3?	None	None	CDFW:SSC	
+ <i>Sylvilagus bachmani riparius</i> riparian brush rabbit		G5T1 S1	Endangered	Endangered		
APLODONTIDAE (mountain beavers)						
+ <i>Aplodontia rufa californica</i> Sierra Nevada mountain beaver		G5T3T4 S2S3	None	None	CDFW:SSC IUCN:LC	Yes
+ <i>Aplodontia rufa nigra</i> Point Arena mountain beaver		G5T1 S1	Endangered	None	CDFW:SSC IUCN:LC	Yes

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APLODONTIDAE (mountain beavers)						
+ <i>Aplodontia rufa phaea</i> Point Reyes mountain beaver		G5T2 S2	None	None	CDFW:SSC IUCN:LC	Yes
SCIURIDAE (squirrels and relatives)						
+ <i>Ammospermophilus nelsoni</i> Nelson's antelope squirrel		G2 S2S3	None	Threatened	BLM:S IUCN:EN	
<i>Callospermophilus lateralis bernardinus</i> San Bernardino golden-mantled ground squirrel		G5T1 S1	None	None		
+ <i>Glaucomyx sabrinus californicus</i> San Bernardino flying squirrel		G5T1T2 S1S2	None	None	CDFW:SSC USFS:S	
+ <i>Neotamias panamintinus acrus</i> Kingston Mountain chipmunk		G4T1T2 S1S2	None	None		
+ <i>Neotamias speciosus callipeplus</i> Mount Pinos chipmunk		G4T1T2 S2	None	None	USFS:S	
+ <i>Neotamias speciosus speciosus</i> lodgepole chipmunk		G4T2T3 S2S3	None	None		
+ <i>Xerospermophilus mohavensis</i> Mohave ground squirrel		G2G3 S2S3	None	Threatened	BLM:S IUCN:VU	
+ <i>Xerospermophilus tereticaudus chlorus</i> Palm Springs round-tailed ground squirrel		G5T2Q S1S2	None	None	BLM:S CDFW:SSC	
GEOMYIDAE (pocket gophers)						
<i>Thomomys bottae operarius</i> Owens Lake pocket gopher		G5T1? S1?	None	None		
HETEROMYIDAE (kangaroo rats, pockets mice, & kangaroo mice)						
+ <i>Chaetodipus californicus femoralis</i> Dulzura pocket mouse		G5T3 S3	None	None	CDFW:SSC	
+ <i>Chaetodipus fallax fallax</i> northwestern San Diego pocket mouse		G5T3T4 S3S4	None	None	CDFW:SSC	Yes
+ <i>Chaetodipus fallax pallidus</i> pallid San Diego pocket mouse		G5T34 S3S4	None	None	CDFW:SSC	Yes
+ <i>Dipodomys californicus eximius</i> Marysville California kangaroo rat		G4T1 S1	None	None	CDFW:SSC	
+ <i>Dipodomys heermanni berkeleyensis</i> Berkeley kangaroo rat		G3G4T1 S1	None	None		
+ <i>Dipodomys heermanni dixonii</i> Merced kangaroo rat		G3G4T2T3 S2S3	None	None		
+ <i>Dipodomys heermanni morroensis</i> Morro Bay kangaroo rat		G3G4TH SH	Endangered	Endangered	CDFW:FP	
+ <i>Dipodomys ingens</i> giant kangaroo rat		G1G2 S1S2	Endangered	Endangered	IUCN:EN	
+ <i>Dipodomys merriami collinus</i> Earthquake Merriam's kangaroo rat		G5T1T2 S1S2	None	None		
+ <i>Dipodomys merriami parvus</i> San Bernardino kangaroo rat		G5T1 S1	Endangered	None	CDFW:SSC	
+ <i>Dipodomys nitratooides brevinasus</i> short-nosed kangaroo rat		G3T1T2 S1S2	None	None	BLM:S CDFW:SSC IUCN:VU	
+ <i>Dipodomys nitratooides exilis</i> Fresno kangaroo rat		G3TH SH	Endangered	Endangered	IUCN:VU	
+ <i>Dipodomys nitratooides nitratooides</i> Tipton kangaroo rat		G3T1T2 S1S2	Endangered	Endangered	IUCN:VU	
+ <i>Dipodomys panamintinus argusensis</i> Argus Mountains kangaroo rat		G5T1T3 S1S3	None	None		
+ <i>Dipodomys panamintinus panamintinus</i> Panamint kangaroo rat		G5T3 S3	None	None		

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HETEROMYIDAE (kangaroo rats, pockets mice, & kangaroo mice)						
+ <i>Dipodomys stephensi</i> Stephens' kangaroo rat		G2 S2	Endangered	Threatened	IUCN:EN	
+ <i>Dipodomys venustus elephantinus</i> big-eared kangaroo rat		G4T2 S2	None	None	CDFW:SSC	
+ <i>Dipodomys venustus venustus</i> Santa Cruz kangaroo rat		G4T1 S1	None	None		
+ <i>Perognathus alticolus alticolus</i> white-eared pocket mouse		G1G2TH SH	None	None	BLM:S CDFW:SSC IUCN:EN USFS:S	Yes
+ <i>Perognathus alticolus inexpectatus</i> Tehachapi pocket mouse		G1G2T1T2 S1S2	None	None	CDFW:SSC IUCN:EN USFS:S	Yes
+ <i>Perognathus inornatus</i> San Joaquin Pocket Mouse		G2G3 S2S3	None	None	BLM:S	Yes
+ <i>Perognathus inornatus psammophilus</i> Salinas pocket mouse		G4T2? S1	None	None	CDFW:SSC	
+ <i>Perognathus longimembris bangsi</i> Palm Springs pocket mouse		G5T2T3 S2S3	None	None	BLM:S CDFW:SSC	
+ <i>Perognathus longimembris brevinasus</i> Los Angeles pocket mouse		G5T1T2 S1S2	None	None	CDFW:SSC	
+ <i>Perognathus longimembris internationalis</i> Jacumba pocket mouse		G5T2T3 S1S2	None	None	CDFW:SSC	
+ <i>Perognathus longimembris pacificus</i> Pacific pocket mouse		G5T1 S1	Endangered	None	CDFW:SSC	
<i>Perognathus longimembris salinensis</i> Saline Valley pocket mouse		G5T1 S1	None	None		
<i>Perognathus longimembris tularensis</i> Tulare pocket mouse		G5T1 S1	None	None		
+ <i>Perognathus parvus xanthonotus</i> yellow-eared pocket mouse		G5T2T3 S1S2	None	None	BLM:S	
MURIDAE (mice, rats, and voles)						
+ <i>Arborimus albipes</i> white-footed vole		G3G4 S2	None	None	CDFW:SSC IUCN:LC	
+ <i>Arborimus pomo</i> Sonoma tree vole		G3 S3	None	None	CDFW:SSC IUCN:NT	
<i>Microtus californicus halophilus</i> Monterey vole		G5T1 S1	None	None		
+ <i>Microtus californicus mohavensis</i> Mohave river vole		G5T1 S1	None	None	CDFW:SSC	
+ <i>Microtus californicus sanpabloensis</i> San Pablo vole		G5T1T2 S1S2	None	None	CDFW:SSC	
+ <i>Microtus californicus scirpensis</i> Amargosa vole		G5T1 S1	Endangered	Endangered		
+ <i>Microtus californicus stephensi</i> south coast marsh vole		G5T1T2 S1S2	None	None	CDFW:SSC	
+ <i>Microtus californicus vallicola</i> Owens Valley vole		G5T3 S3	None	None	BLM:S CDFW:SSC	
+ <i>Neotoma albigula venusta</i> Colorado Valley woodrat		G5T3T4 S1S2	None	None		
+ <i>Neotoma fuscipes annectens</i> San Francisco dusky-footed woodrat		G5T2T3 S2S3	None	None	CDFW:SSC	
+ <i>Neotoma fuscipes riparia</i> riparian (=San Joaquin Valley) woodrat		G5T1Q S1	Endangered	None	CDFW:SSC	Yes
+ <i>Neotoma lepida intermedia</i> San Diego desert woodrat		G5T3T4 S3S4	None	None	CDFW:SSC	

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Species	Comment	Rank	ESA	CESA	Other Status	Notes
MURIDAE (mice, rats, and voles)						
+ <i>Neotoma macrotis luciana</i> Monterey dusky-footed woodrat		G5T3 S3	None	None	CDFW:SSC IUCN:DD	
+ <i>Onychomys torridus ramona</i> southern grasshopper mouse		G5T3 S3	None	None	CDFW:SSC	
+ <i>Onychomys torridus tularensis</i> Tulare grasshopper mouse		G5T1T2 S1S2	None	None	BLM:S CDFW:SSC	
+ <i>Peromyscus maniculatus anacapae</i> Anacapa Island deer mouse		G5T1T2 S1S2	None	None	CDFW:SSC	
<i>Peromyscus maniculatus clementis</i> San Clemente deer mouse		G5T1T2 S1S2	None	None	CDFW:SSC	
+ <i>Reithrodontomys megalotis distichlis</i> Salinas harvest mouse		G5T1 S1	None	None		
+ <i>Reithrodontomys megalotis santacruzae</i> Santa Cruz harvest mouse		G5T1Q S1	None	None		Yes
+ <i>Reithrodontomys raviventris</i> salt-marsh harvest mouse		G1G2 S1S2	Endangered	Endangered	CDFW:FP IUCN:EN	
+ <i>Sigmodon arizonae plenus</i> Colorado River cotton rat		G5T2T3 SH	None	None	CDFW:SSC	
+ <i>Sigmodon hispidus eremicus</i> Yuma hispid cotton rat		G5T2T3 S2S3	None	None	CDFW:SSC	
DIPODIDAE (jumping mice)						
+ <i>Zapus trinotatus orarius</i> Point Reyes jumping mouse		G5T1T3Q S1S3	None	None	CDFW:SSC	
CANIDAE (foxes, wolves, and coyotes)						
+ <i>Canis lupus</i> gray wolf		G4 S1	Endangered	Endangered	IUCN:LC	
<i>Urocyon littoralis</i> island fox	(Mapped by subspecies)	G1 S1	None	Threatened	IUCN:CR	Yes
+ <i>Urocyon littoralis catalinae</i> Santa Catalina Island fox		G1T1 S1	Endangered	Threatened	IUCN:CR	Yes
+ <i>Urocyon littoralis clementae</i> San Clemente Island fox		G1T1 S1	None	Threatened	IUCN:CR	Yes
+ <i>Urocyon littoralis dickeyi</i> San Nicolas Island fox		G1T1 S1	None	Threatened	IUCN:CR	Yes
+ <i>Urocyon littoralis littoralis</i> San Miguel Island fox		G1T1 S1	Endangered	Threatened	IUCN:CR	Yes
+ <i>Urocyon littoralis santacruzae</i> Santa Cruz Island fox		G1T1 S1	Endangered	Threatened	IUCN:CR	Yes
+ <i>Urocyon littoralis santarosae</i> Santa Rosa Island fox		G1T1 S1	Endangered	Threatened	IUCN:CR	Yes
+ <i>Vulpes macrotis mutica</i> San Joaquin kit fox		G4T2 S2	Endangered	Threatened		
+ <i>Vulpes vulpes necator</i> Sierra Nevada red fox		G5T1T2 S1	None	Threatened	USFS:S	
MUSTELIDAE (weasels and relatives)						
+ <i>Enhydra lutris nereis</i> southern sea otter		G4T2 S2	Threatened	None	CDFW:FP IUCN:EN MMC:SSC	Yes
+ <i>Gulo gulo</i> California wolverine		G4 S1	None	Threatened	CDFW:FP IUCN:NT USFS:S	
+ <i>Lontra canadensis sonora</i> southwestern river otter		G5T1 S1	None	None	CDFW:SSC	Yes
+ <i>Martes caurina</i> Pacific marten		G5 S3	None	None	IUCN:LC USFS:S	
+ <i>Martes caurina humboldtensis</i> Humboldt marten		G5T1 S1	None	Candidate Endangered	CDFW:SSC USFS:S	

Special Animals List - June 2016

Mammals

Species	Comment	Rank	ESA	CESA	Other Status	Notes
MUSTELIDAE (weasels and relatives)						
+ <i>Martes caurina sierrae</i> Sierra marten		G5T3 S3	None	None	USFS:S	
+ <i>Pekania pennanti</i> fisher - West Coast DPS		G5T2T3Q S2S3	Proposed Threatened	Candidate Threatened	BLM:S CDFW:SSC USFS:S	Yes
+ <i>Taxidea taxus</i> American badger		G5 S3	None	None	CDFW:SSC IUCN:LC	
MEPHITIDAE (skunks)						
+ <i>Spilogale gracilis amphiala</i> Channel Islands spotted skunk		G5T3 S3	None	None	CDFW:SSC	
FELIDAE (cats and relatives)						
<i>Lynx rufus pallescens</i> pallid bobcat		G5T3? S3?	None	None		
+ <i>Puma concolor browni</i> Yuma mountain lion		G5T1T2Q S1	None	None	CDFW:SSC	
OTARIIDAE (sea lions and fur seals)						
+ <i>Arctocephalus townsendi</i> Guadalupe fur-seal		G1 S1	Threatened	Threatened	CDFW:FP IUCN:NT	
+ <i>Callorhinus ursinus</i> northern fur-seal		G3 S1	None	None	IUCN:VU	
+ <i>Eumetopias jubatus</i> Steller (=northern) sea-lion		G3 S2	Delisted	None	IUCN:EN MMC:SSC	
BOVIDAE (sheep and relatives)						
+ <i>Ovis canadensis nelsoni</i> desert bighorn sheep		G4T4 S3	None	None	BLM:S CDFW:FP USFS:S	Yes
+ <i>Ovis canadensis nelsoni pop. 2</i> Peninsular bighorn sheep DPS		G4T3Q S1	Endangered	Threatened	CDFW:FP	Yes
+ <i>Ovis canadensis sierrae</i> Sierra Nevada bighorn sheep		G4T2 S2	Endangered	Endangered	CDFW:FP	

End Notes

Invertebrates

GASTROPODA (Snails, slugs and abalone)

Prophysaon coeruleum

Blue-gray tailed slug

- 1) May be a species complex.

ARACHNIDA (Spiders and relatives)

Hubbardia shoshonensis

Shoshone Cave whip-scorpion

- 1) BLM Sensitive Species list has this species as *Trithyreus shoshonensis*.

CRUSTACEA, Order Amphipoda (amphipods)

Hyalella muerta

Texas Spring amphipod

- 1) First North American hypogean hyalellid.

Hyalella sandra

Death Valley amphipod

- 1) Population in Texas Springs is an accidental introduction. Population in Nevares Springs may be a new species.

INSECTA, Order Coleoptera (beetles)

Trigonoscuta sp.

Doyen's trigonoscuta dune weevil

- 1) Sometimes referred to as "*Trigonoscuta doyeri*" which is an unpublished manuscript name.

INSECTA, Order Lepidoptera (butterflies & moths)

Callophrys thornei

Thorne's hairstreak

- 1) Formerly *Mitoura thornei*; changed to *Callophrys thornei*.

Euproserpinus euterpe

Kern primrose sphinx moth

- 1) Known from 2 sites at the south end of California's Central Valley. Until its rediscovery in Kern Co in 1974, this moth had been thought to be extinct. A 2nd population was recently found in SLO (Xerces Society 2005).

Speyeria zerene myrtleae

Myrtle's silverspot butterfly

- 1) 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. The *Speyeria zerene* along coast of Marin and Sonoma Counties are Federally Endangered under the subspecies concept in the 1992 listing.

Fishes

ACIPENSERIDAE (sturgeon)

Acipenser medirostris

green sturgeon

- 1) Federal listing includes all spawning populations south of the Eel River.
- 2) The NMFS "Special Concern" designation refers to the northern DPS which includes spawning populations north of the Eel River (inclusive).

SALMONIDAE (trout & salmon)

Oncorhynchus kisutch

coho salmon - central California coast ESU

- 1) The federal listing is limited to naturally spawning populations in streams between Punta Gorda, Humboldt Co. and the San Lorenzo River, Santa Cruz Co.
- 2) The state listing is limited to Coho south of Punta Gorda, Humboldt Co.

coho salmon - southern Oregon / northern California ESU

- 1) Federal listing refers to populations between Cape Blanco, Oregon & Punta Gorda, Humboldt Co. California.
 - 2) State listing refers to populations between the Oregon border & Punta Gorda, Humboldt Co. California.
-

Fishes

SALMONIDAE (trout & salmon)

Oncorhynchus mykiss irideus

steelhead - central California coast DPS

- 1) Federal listing includes all runs in coastal basins from the Russian River in Sonoma County, south to Soquel Creek in Santa Cruz County, inclusive. It includes the San Francisco and San Pablo Bay basins, but excludes the Sacramento-San Joaquin River basins.

steelhead - Central Valley DPS

- 1) Federal listing includes all runs in the Sacramento & San Joaquin Rivers and their tributaries.

steelhead - Klamath Mountains Province DPS

- 1) This ESU includes all naturally spawned populations residing in streams between the Elk River in Oregon and the Klamath River in California, inclusive.
- 2) The SSC designation refers only to the California portion of the ESU and refers only to the summer-run.

steelhead - northern California DPS

- 1) The federal designation refers to naturally spawned populations residing below impassable barriers in coastal basins from Redwood Creek in Humboldt Co. to, and including, the Gualala River in Mendocino Co.
- 2) The DFG "Species of Special Concern" designation refers only to the summer-run.

steelhead - south-central California coast DPS

- 1) Federal listing includes all runs in coastal basins from the Pajaro River south to, but not including, the Santa Maria River.
- 2) The DFG "Species of Special Concern" designation refers to southern steelhead trout.

steelhead - southern California DPS

- 1) The federal designation refers to fish in the coastal basins from the Santa Maria River (inclusive), south to the U.S. - Mexico Border.
- 2) The DFG "Species of Special Concern" designation refers to southern steelhead trout.

summer-run steelhead trout

- 1) Summer-run steelhead are part of both the Klamath Mountains Province DPS and the Northern California DPS.

Oncorhynchus tshawytscha

chinook salmon - California coastal ESU

- 1) Originally proposed as part of a larger Southern Oregon & California Coastal ESU. This new ESU was revised to include only naturally spawned coastal spring & fall-run chinook salmon between Redwood Creek in Humboldt Co & the Russian River in Sonoma Co.

chinook salmon - Central Valley fall / late fall-run ESU

- 1) The Central Valley fall/late fall-run ESU refers to populations spawning in the Sacramento & San Joaquin Rivers and their tributaries.
- 2) The DFG "Species of Special Concern" designation refers only to the fall-run.

chinook salmon - Central Valley spring-run ESU

- 1) Federal listing refers to the Central Valley Spring-run ESU. It includes populations spawning in the Sacramento River & its tributaries.

OSMERIDAE (smelt)

Spirinchus thaleichthys

longfin smelt

- 1) AFS Threatened designation take from: Musick, J.T. et al. 2000. "Marine, Estuarine, and Diadromous Fish Stocks at Risk of Extinction in North America (Exclusive of Pacific Salmonids). Fisheries 25(11):6-30.
- 2) Federal Candidate status is for the San Francisco Bay-Delta DPS of the longfin smelt.

CYPRINIDAE (minnows and carp)

Lavinia symmetricus ssp. 1

San Joaquin roach

- 1) Current taxonomy considers this taxon to be a population of *Lavinia symmetricus symmetricus*, the Sacramento-San Joaquin roach.

Rhinichthys osculus ssp. 1

Amargosa Canyon speckled dace

- 1) Current taxonomy considers this taxon to be a distinct population of *Rhinichthys osculus nevadensis*.

Rhinichthys osculus ssp. 2

Owens speckled dace

- 1) Current taxonomy includes the Benton Valley speckled dace (formerly ssp 4) with the Owens speckled dace.
-

Fishes

GASTEROSTEIDAE (sticklebacks)

Gasterosteus aculeatus microcephalus

resident threespine stickleback

- 1) The U.S. Forest Service "Sensitive" designation refers to the full species.

Gasterosteus aculeatus santaannae

Santa Ana (=Shay Creek) threespine stickleback

- 1) The U.S. Forest Service "Sensitive" designation refers to the full species.

Gasterosteus aculeatus williamsoni

unarmored threespine stickleback

- 1) The U.S. Forest Service "Sensitive" designation refer to the full species.

POLYPRIONIDAE (wreckfishes)

Stereolepis gigas

giant sea bass

- 1) AFS Vulnerable designation taken from: Musick, J.T. et al. 2000. "Marine, Estuarine, and Diadromous Fish Stocks at Risk of Extinction in North America (Exclusive of Pacific Salmonids). Fisheries 25(11):6-30.

Amphibians

AMBYSTOMATIDAE (mole salamanders)

Ambystoma californiense

California tiger salamander

- 1) Central Valley DPS federally listed as threatened. Santa Barbara & Sonoma counties DPS federally listed as endangered.

PLETHODONTIDAE (lungless salamanders)

Batrachoseps relictus

relictual slender salamander

- 1) Taxonomy follows Jockusch, Martinez-solano, Hansen, Wake (2012. Morphological and molecular diversification of slender salamanders (Caudata: Plethodontidae: Batrachoseps) in the southern Sierra Nevada of California with descriptions of two new species. Zootaxa 3190:130), which synonymized Batrachoseps Sp. 1, Breckenridge Mountain slender salamander, with *B. relictus*.

Plethodon asupak

Scott Bar salamander

- 1) Newly described species from what was part of the range of *Plethodon stormi* (Mead et al. 2005).
- 2) Since this newly described species was formerly considered to be a subpopulation of *Plethodon stormi*, and since *Plethodon stormi* is listed as Threatened under the California Endangered Species Act (CESA), *Plethodon asupak* retains the designation as a Threatened species under CESA (Calif. Regulatory Notice Register, No. 21-Z, p.916, 25 May 2007).

BUFONIDAE (true toads)

Anaxyrus californicus

arroyo toad

- 1) Formerly *Bufo microscaphus californicus*, now considered a full species.
- 2) 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* (Frost et al. 2006).

Anaxyrus canorus

Yosemite toad

- 1) Formerly *Bufo canorus*; Frost, Grant, Faivovich, Bain, Haas, Haddad, De Sá, Channing, Wilkinson, Donnellan, Raxworthy, Campbell, Blotto, Moler, Drewes, Nussbaum, Lynch, Green & Wheeler (2006. The Amphibian Tree of Life. Bulletin of the American Museum of Natural History 297: 1-370) placed this species in the genus *Anaxyrus* (Tschudi, 1845). The standard common name remains Yosemite toad.
- 2) The USFWS published a final rule on April 29, 2014, to list the Yosemite toad as Threatened. The effective date for this rule is June 30, 2014.

Anaxyrus exsul

black toad

- 1) Formerly *Bufo exsul*; Frost, Grant, Faivovich, Bain, Haas, Haddad, De Sá, Channing, Wilkinson, Donnellan, Raxworthy, Campbell, Blotto, Moler, Drewes, Nussbaum, Lynch, Green & Wheeler (2006. The Amphibian Tree of Life. Bulletin of the American Museum of Natural History 297: 1-370) placed this species in the genus *Anaxyrus* (Tschudi, 1845). The standard common name remains black toad.
-

Amphibians

BUFONIDAE (true toads)

Incilius alvarius

Sonoran desert toad

- 1) Formerly *Bufo alvarius*. Between 2006 & 2009 the scientific name has been changed to *Cranopsis alvaria*, to *Ollotis alvaria*, to *Incilius alvarius*, back to *Ollotis alvarius* and then back to *Incilius alvarius*. The common name has changed from Colorado River toad to Sonoran desert toad.

RANIDAE

Lithobates pipiens

northern leopard frog

- 1) Formerly *Rana pipiens*; Frost, Grant, Faivovich, Bain, Haas, Haddad, De Sá, Channing, Wilkinson, Donnellan, Raxworthy, Campbell, Blotto, Moler, Drewes, Nussbaum, Lynch, Green & Wheeler (2006. *The Amphibian Tree of Life. Bulletin of the American Museum of Natural History* 297: 1-370) placed this species in the genus *Lithobates* (Fitzinger, 1843). The standard common name remains northern leopard frog.

Lithobates yavapaiensis

lowland leopard frog

- 1) Formerly *Rana yavapaiensis*; Frost, Grant, Faivovich, Bain, Haas, Haddad, De Sá, Channing, Wilkinson, Donnellan, Raxworthy, Campbell, Blotto, Moler, Drewes, Nussbaum, Lynch, Green & Wheeler (2006. *The Amphibian Tree of Life. Bulletin of the American Museum of Natural History* 297: 1-370) placed this species in the genus *Lithobates* (Fitzinger, 1843). The standard common name remains lowland leopard frog.

Rana aurora

northern red-legged frog

- 1) A recent mtDNA study concludes that *Rana aurora aurora* and *Rana aurora draytonii* should be recognized as separate species with a narrow zone of overlap.

Rana draytonii

California red-legged frog

- 1) A recent mtDNA study concludes that *Rana aurora aurora* and *Rana aurora draytonii* should be recognized as separate species with a narrow zone of overlap, and that the range of *draytonii* extends about 100 km further north in coastal California than previously thought.

Rana muscosa

southern mountain yellow-legged frog

- 1) Federal listing refers to populations in the San Gabriel, San Jacinto & San Bernardino Mountains (southern DPS).
- 2) Federal Proposed status refers to all populations that occur north of the Tehachapi Mountains in the Sierra Nevada (northern DPS). The USFWS published a final rule on April 29, 2014, to list the northern DPS of *Rana muscosa* as Endangered. This rule becomes effective June 30, 2014.
- 3) *Rana muscosa* has been split into *Rana sierrae*, the Sierra Nevada yellow-legged frog, found in the northern and central Sierra Nevada and *Rana muscosa*, the southern mountain yellow-legged frog, found in the southern Sierra Nevada and southern California.

Rana sierrae

Sierra Nevada yellow-legged frog

- 1) Formerly *Rana muscosa*. *Rana muscosa* has been split into *Rana sierrae*, the Sierra Nevada yellow-legged frog, found in the northern and central Sierra Nevada and *Rana muscosa*, the southern mountain yellow-legged frog, found in the southern Sierra Nevada and southern California.
- 2) *Rana sierrae* is a federally proposed endangered species (Apr 2013).
- 3) The USFWS published a final rule on April 29, 2014, to list the Sierra Nevada yellow-legged frog as Endangered. This rule becomes effective June 30, 2014.

Reptiles

EMYDIDAE (box and water turtles)

Emys marmorata

western pond turtle

- 1) The paper: Spinks, Phillip Q. & H. Bradley Shaffer. 2005. Range-wide molecular analysis of the western pond turtle (*Emys marmorata*): cryptic variation, isolation by distance, and their conservation implications. *Molecular Ecology* (2005) 14, 2047-2064. determined that the current subspecies split was not warranted. Therefore, we are now tracking the western pond turtle only at the full species level.
 - 2) The paper: Spinks, Phillip Q., & H. Bradley Shaffer. 2009. Conflicting Mitochondrial and Nuclear Phylogenies for the Widely Disjunct *Emys* (Testudines: Emydidae) Species Complex, and What They Tell Us about Biogeography and Hybridization. *Systematic Biology*. 58(1): pp. 1-20 determined that the correct genus name is *Emys*.
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Reptiles

HELODERMATIDAE (venomous lizards)

Heloderma suspectum cinctum

banded gila monster

- 1) The BLM "Sensitive Species" designation refers to the full species.

BOIDAE (boas)

Charina trivirgata

rosy boa

- 1) The Forest Service "Sensitive" designation refers only to the subspecies *roseofusca*.
- 2) The taxonomy of this species is in flux. The name *Lichanura trivirgata* is a synonym. Some sources list several subspecies while others don't recognize any subspecies.

Birds

PHASIANIDAE (grouse and ptarmigan)

Centrocercus urophasianus

greater sage-grouse

- 1) As of Oct 2013, the Bi-State DPS of greater sage-grouse (Mono Basin; Mono, Alpine, & Inyo Co.) have a federal status of Proposed Threatened; the remaining populations of the species are Candidate.

Dendragapus fuliginosus howardi

Mount Pinos sooty grouse

- 1) Formerly merged with *D. obscurus* as blue grouse, but separated on the basis of genetic evidence and differences in voice, behavior, & plumage.
- 2) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.

RALLIDAE (rails, coots, and gallinules)

Laterallus jamaicensis coturniculus

California black rail

- 1) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.
- 2) The IUCN designation of "Near Threatened" refers to the full species.

Rallus longirostris levipes

light-footed clapper rail

- 1) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.

Rallus longirostris obsoletus

California clapper rail

- 1) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.

Rallus longirostris yumanensis

Yuma clapper rail

- 1) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.

CHARADRIIDAE (plovers and relatives)

Charadrius alexandrinus nivosus

western snowy plover

- 1) Federal listing applies only to the Pacific coastal population
- 2) DFG "Species of Special Concern" designation refers to both the coastal & interior populations.
- 3) USFWS - Birds of Conservation Concern designation refers to non-listed subspecies or populations of Threatened or Endangered species.

Charadrius montanus

mountain plover

- 1) The 5 Dec 2002 proposal to list the mountain plover as a threatened species was withdrawn by the FWS as of 12 May 2011.

LARIDAE (gulls and terns)

Gelochelidon nilotica

gull-billed tern

- 1) Taxonomy recently changed from *Sterna nilotica*
-

Birds

LARIDAE (gulls and terns)

Hydroprogne caspia

Caspian tern

- 1) Taxonomy recently changed from *Sterna caspia*

Sternula antillarum browni

California least tern

- 1) Taxonomy recently changed from *Sterna antillarum browni*.
- 2) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.

Thalasseus elegans

elegant tern

- 1) Taxonomy recently changed from *Sterna elegans*

ALCIDAE (auklets, puffins, and relatives)

Synthliboramphus scrippsi

Scripps's murrelet

- 1) Formerly included in *Xantus's murrelet* as *Synthliboramphus hypoleucus scrippsi*, now considered a full species

STRIGIDAE (owls)

Athene cunicularia

burrowing owl

- 1) A burrow site = an observation of one or more owls at a burrow or evidence of recent occupation such as whitewash and feathers. Winter observations at a burrow are mapped. Winter observations with or without a burrow in San Francisco, Ventura, Sonoma, Marin, Napa & Santa Cruz Counties are mapped.

Strix occidentalis caurina

northern spotted owl

- 1) There are no northern spotted owl EOs in the CNDDDB. All northern spotted owl location information is maintained in a separate data layer. This layer is packaged with the CNDDDB layer in BIOS. All RareFind subscribers have access to this information through BIOS (<http://BIOS.dfg.ca.gov>)
- 2) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.

Strix occidentalis occidentalis

California spotted owl

- 1) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.

TYRANNIDAE (tyrant flycatchers)

Empidonax traillii

willow flycatcher

- 1) State listing of the full species includes all subspecies
- 2) USFWS: Birds of Conservation Concern designation refers to non-listed subspecies or populations of Threatened or Endangered species.

Empidonax traillii brewsteri

little willow flycatcher

- 1) State listing of the full species includes all subspecies
- 2) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.
- 3) USFWS - Birds of Conservation Concern designation refers to non-listed subspecies or populations for Threatened or Endangered species.

Empidonax traillii extimus

southwestern willow flycatcher

- 1) State listing of the full species includes all subspecies
 - 2) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.
-

Birds

LANIIDAE (shrikes)

Lanius ludovicianus mearnsi

San Clemente loggerhead shrike

- 1) Subspecific identity of shrikes currently on San Clemente is uncertain. Mundy et al. (1997a, b) provided evidence *L. l. mearnsi* is genetically distinct from *L. l. gambeli* and *L. l. anthonyi*, whereas Patten and Campbell (2000) concluded, based on morphology, that the birds now on San Clemente are intergrades between *L. l. mearnsi* and *L. l. anthonyi*.

VIREONIDAE (vireos)

Vireo bellii arizonae

Arizona bell's vireo

- 1) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.
- 2) The IUCN designation of "Near Threatened" refers to the full species.

Vireo bellii pusillus

least Bell's vireo

- 1) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.
- 2) The IUCN designation of "Near Threatened" refers to the full species.

TROGLODYTIDAE (wrens)

Campylorhynchus brunneicapillus sandiegensis

coastal cactus wren

- 1) Nomenclature follows the draft DFG Bird Species of Special Concern report.

POLIOPTILIDAE (gnatcatchers)

Poliophtila californica californica

coastal California gnatcatcher

- 1) AKA Alta California gnatcatcher
- 2) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.

MIMIDAE (mockingbirds and thrashers)

Toxostoma lecontei

Le Conte's thrasher

- 1) The BLM "Sensitive Species" designation refers to the subspecies *Toxostoma lecontei macmillanorum*.
- 2) DFG "Species of Special Concern" designation refers only to the San Joaquin population, AKA *T. l. macmillanorum*.

PARULIDAE (wood-warblers)

Geothlypis trichas sinuosa

saltmarsh common yellowthroat

- 1) AKA San Francisco common yellowthroat

Setophaga petechia

yellow warbler

- 1) This element includes the subspecies *S. p. morcormi* & *S. p. brewsteri*, which are tracked under the full species, *S. petechia* due to difficulty distinguishing them. *S. p. sonorana*, which nests in California only along the Colorado River is tracked separately.

Setophaga petechia sonorana

Sonoran yellow warbler

- 1) Nests in California only along the Colorado River. Observations of yellow warblers from other regions are tracked as the full species, *S. petechia*.

EMBERIZIDAE (sparrows, buntings, warblers, & relatives)

Artemisospiza belli belli

Bell's sage sparrow

- 1) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.

Artemisospiza belli clementeae

San Clemente sage sparrow

- 1) Subspecific validity uncertain. Recognized by AOU (1957), but not by Patten and Unitt (2002).
 - 2) The American Bird Conservancy "WatchList of Birds of Conservation Concern" designation refers to the full species.
-

Birds

EMBERIZIDAE (sparrows, buntings, warblers, & relatives)

Melospiza melodia graminea

Channel Island song sparrow

- 1) Subspecific validity is uncertain. This subspecies when referred to as Santa Barbara song sparrow is extinct. However, the subspecies was merged by Patten (2001) with the San Miguel (*M. m. micronyx*), and San Clemente (*M. m. clementae*) song sparrows as the Channel Island song sparrow with the subspecific name *M. m. graminea*.

Melozona crissalis eremophilus

Inyo California towhee

- 1) Previously was in the genus *Pipilo*.

Piranga flava

hepatic tanager

- 1) According to The A.O.U. Check-list of North American Birds, Seventh Edition, this species is probably misplaced in the current phylogenetic listing but for which data indicating proper placement are not yet available.

Piranga rubra

summer tanager

- 1) According to The A.O.U. Check-list of North American Birds, Seventh Edition, this species is probably misplaced in the current phylogenetic listing but for which data indicating proper placement are not yet available.

ICTERIDAE (blackbirds)

Agelaius tricolor

tricolored blackbird

- 1) Emergency protection under CESA granted on December 3rd 2014 by the California Fish and Game Commission.

Mammals

PHYLLOSTOMIDAE (leaf-nosed bats)

Leptonycteris yerbabuenae

lesser long-nosed bat

- 1) Listed by the U.S. Fish & Wildlife Service as *Leptonycteris curasoae yerbabuenae*.

VESPERTILIONIDAE (evening bats)

Lasiurus blossevillii

western red bat

- 1) The DFG "Species of Special Concern" designation is based on the draft updated Mammalian Species of Special Concern report.

Lasiurus xanthinus

western yellow bat

- 1) The DFG "Species of Special Concern" designation is based on the draft updated Mammalian Species of Special Concern report.

OCHOTONIDAE (pikas)

Ochotona princeps schisticeps

gray-headed pika

- 1) All of the subspecies of pika in California have been synonymized under *Ochotona princeps schisticeps*.

APLODONTIDAE (mountain beavers)

Aplodontia rufa californica

Sierra Nevada mountain beaver

- 1) The IUCN "Least Concern" designation refers to the full species.

Aplodontia rufa nigra

Point Arena mountain beaver

- 1) The IUCN "Least Concern" designation refers to the full species.

Aplodontia rufa phaea

Point Reyes mountain beaver

- 1) The IUCN "Least Concern" designation refers to the full species.
-

Mammals

HETEROMYIDAE (kangaroo rats, pockets mice, & kangaroo mice)

Chaetodipus fallax fallax

northwestern San Diego pocket mouse

- 1) The DFG "Species of Special Concern" designation refers to the full species.

Chaetodipus fallax pallidus

pallid San Diego pocket mouse

- 1) The DFG "Species of Special Concern" designation refers to the full species.

Perognathus alticolus alticolus

white-eared pocket mouse

- 1) The DFG "Species of Special Concern" and the BLM "Sensitive Species" designations refer to the full species.
- 2) The IUCN "Endangered" designation is at the species level.

Perognathus alticolus inexpectatus

Tehachapi pocket mouse

- 1) The DFG "Species of Special Concern" designation refers to the full species.
- 2) The IUCN "Endangered" designation is at the species level.

Perognathus inornatus

San Joaquin Pocket Mouse

- 1) This element includes the subspecies *P. i. inornatus* & *P. i. neglectus*, which are tracked under the full species, *P. inornatus* due to difficulty distinguishing them. *P. i. inornatus* generally occurs on the eastern side of San Joaquin Valley, while *P. i. neglectus* generally occurs on the western side. *P. i. psammophilus*, which occurs only in the Salinas Valley, is tracked separately.

MURIDAE (mice, rats, and voles)

Neotoma fuscipes riparia

riparian (=San Joaquin Valley) woodrat

- 1) This species is currently undergoing taxonomic revision

Reithrodontomys megalotis santacruzae

Santa Cruz harvest mouse

- 1) Synonymous with *Reithrodontomys megalotis longicaudus*, Santa Cruz Island Population.

CANIDAE (foxes, wolves, and coyotes)

Urocyon littoralis

island fox

- 1) State listing is at the full species level and includes all subspecies on all islands. Federal listing does not include San Nicolas & San Clemente island subspecies.

Urocyon littoralis catalinae

Santa Catalina Island fox

- 1) The IUCN "Critically Endangered" designation refers to the full species.

Urocyon littoralis clementae

San Clemente Island fox

- 1) The IUCN "Critically Endangered" designation refers to the full species.

Urocyon littoralis dickeyi

San Nicolas Island fox

- 1) The IUCN "Critically Endangered" designation refers to the full species.

Urocyon littoralis littoralis

San Miguel Island fox

- 1) The IUCN "Critically Endangered" designation refers to the full species.

Urocyon littoralis santacruzae

Santa Cruz Island fox

- 1) The IUCN "Critically Endangered" designation refers to the full species.
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Mammals

CANIDAE (foxes, wolves, and coyotes)

Urocyon littoralis santarosae

Santa Rosa Island fox

- 1) The IUCN "Critically Endangered" designation refers to the full species.

MUSTELIDAE (weasels and relatives)

Enhydra lutris nereis

southern sea otter

- 1) The IUCN "Endangered" designation refers to the full species.

Lontra canadensis sonora

southwestern river otter

- 1) SSC status refers only to the subspecies *L. canadensis sonora*, which is known in California only from the Colorado River.

Pekania pennanti

fisher - West Coast DPS

- 1) The subspecies *M. p. pacifica* is no longer considered a valid subspecies. The west coast population of the fisher is now considered to be a distinct population segment (DPS).
- 2) Federal candidate status refers to the distinct population segment (DPS) in Washington, Oregon & California.
- 3) The Fish and Game Commission Notice of Findings stated that the Pacific fisher was a candidate for listing as either an Endangered or Threatened species. At the 23 Jun 2010 meeting the FGC determined that the listing was not warranted. An 11 Mar 2013 Notice of Findings stated that pursuant to court order, the FGC set aside its 15 Sep 2010 findings rejecting the petition to list, and the Pacific fisher is a candidate species for the purposes of CESA.

BOVIDAE (sheep and relatives)

Ovis canadensis nelsoni

desert bighorn sheep

- 1) Desert bighorn sheep (*O. c. nelsoni*) in the Peninsular Ranges are tracked as a metapopulation of the subspecies, Peninsular bighorn sheep DPS (*O. c. nelsoni* pop. 2)

Ovis canadensis nelsoni pop. 2

Peninsular bighorn sheep DPS

- 1) The subspecies peninsular bighorn sheep (*O. c. cremnobates*) has been synonymized with *O. c. nelsoni* (Wehausen & Ramey 1993). Peninsular bighorn sheep are now considered to be a metapopulation and are recognized has a federal Distinct Population Segment (DPS).
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