

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

SPECIAL ANIMALS (898 taxa)

January 2011

The California Natural Diversity Database (CNDDDB) is a continually refined and updated, computerized inventory of location information on the most rare animals, plants, and natural communities in California. The blueprint used to set up the CNDDDB was developed by The Nature Conservancy (TNC) in the early 1970's. The California program was started in 1979. TNC has helped to set up similar programs in all 50 states and a number of foreign countries. Collectively these programs are known as the Natural Heritage Network. The "Heritage Methodology" used by all of these programs sets the standards for the information we gather and the procedures we use. In 1999 TNC and the Natural Heritage Network jointly established an independent organization, the Association for Biodiversity Information (ABI), to achieve their mutual goal of using the wealth of biodiversity information in the Heritage Network to support conservation efforts. In November 2001 ABI changed its name to NatureServe. More information the Natural Heritage Network is available on the NatureServe web site: <http://www.natureserve.org>.

"Special Animals" is a general term that refers to all of the taxa the CNDDDB is interested in tracking, 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 Department of Fish and Game considers the taxa on this list to be those of greatest conservation need. The species on this list in 2005 were used in the development of California's Wildlife Action Plan (available at: <http://www.dfg.ca.gov/wildlife/WAP>)

The species on this list generally fall into one or more of the following categories:

- Officially listed or proposed for listing under the State and/or Federal Endangered Species Acts.
- State or Federal candidate for possible listing.
- 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://ceres.ca.gov/topic/env_law/ceqa/guidelines/)
- Taxa considered by the Department to be a Species of Special Concern (SSC)
- Taxa that are biologically rare, very restricted in distribution, declining throughout their range, or have a critical, vulnerable stage in their life cycle that warrants monitoring. There may be taxa that fall into this category but are not included on this list because their status has not been called to our attention.
- Populations in California that may be on the periphery of a taxon's range, but are threatened with extirpation in California.

- Taxa closely associated with a habitat that is declining in California at an alarming rate (e.g., wetlands, riparian, old growth forests, desert aquatic systems, native grasslands, vernal pools, etc.)
- Taxa designated as a special status, sensitive, or declining species by other state or federal agencies, or non-governmental organization (NGO).

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 Game web site at: <http://www.dfg.ca.gov/biogeodata/cnddb> .

Additional information on other Department resource management programs is available at: <http://www.dfg.ca.gov/about/resource-mgmt.html> . The Species Conservation & Recovery Program page at: <http://www.dfg.ca.gov/wildlife/nongame> is a particularly rich source of information including such topics as “Survey Standards and Guidelines”, “Threats to Wildlife”, “Habitats”, and “Plant and Animal Pictures”.

What is an Element Occurrence?

An element Occurrence (EO) is a location where the element (species) has been documented to occur. **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) Definition:

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. For many birds, however, the CNDDDB tracks only nesting locations, (those species are so indicated on the list). Detailed information about avian detections is available at: <http://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=25731> . 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.

Mapping Conventions:

Our information is mapped as precisely as possible, based upon the source materials used to map the element occurrence (EO). More vague location information is mapped with the larger circular features and more precise location information is mapped with 80m radius circles or polygon features. Generally, observations/collections within ¼ mile, within continuous habitat, are combined into a single element occurrence (EO). However, there are exceptions such as nest trees for Swainson's hawk, where each known nest tree is mapped.

Taxonomic References and Sources of Additional Information:

We follow the most current published taxonomy.

For butterflies we followed the taxonomy used by NatureServe:

<http://www.natureserve.org/explorer/>

For fish we used:

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

Nelson, J.S., E.J. Crossman, H. Espinosa-Perea, 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. Available at:
http://www.fisheries.org/afs/docs/fisheries/fisheries_3308.pdf

For reptiles and amphibians, most changes are explained and referenced on the Center for North American Herpetology web site: <http://www.cnah.org>. In addition, we made taxonomic changes based on the following papers:

Collins, Joseph T. and Travis W. Taggart. 2009. Standard Common & Current Scientific Names for North American Amphibians, Turtles, Reptiles, and Corcodilians. Sixth Edition. Publication of the Center for North American Herpetology, Lawrence. iv + 44 pp. Available at: <http://www.cnah.org/index.asp>

Feldman, C. R. & J. F. Parham. 2002. Molecular phylogenetics of emydine turtles: Taxonomic revision and the evolution of shell kinesis. Molecular Phylogenetics and Evolution 22(3): 388-398. Available at: http://www.cnah.org/cnah_pdf.asp

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. Available at:
<http://digitallibrary.amnh.org/dspace/bitstream/2246/5781/1/B297.pdf>

Frost, Darrel, Joseph Mendelson, III, and Jennifer Pramuk. 2009 Further Notes on the Nomenclature of Middle American Toads (Bufonidae). Copeia 2009, No. 2, 418. Available at: http://www.cnah.org/cnah_pdf.asp

Goebel, A. M., T. A. Ranker, P. S. Corn, & R. G. Olmstead. 2009. Mitochondrial DNA evolution in the *Anaxyrus boreas* species group. *Molecular Phylogenetics and Evolution* 50(2009) 209-225. Available at: http://www.cnah.org/cnah_pdf.asp

Hollingsworth, B. D. 1998. The systematics of chuckwallas (SAUROMALUS) with a phylogenetic analysis of other iguanid lizards. *Herpetological Monographs* (12):38-191.

Holman, J.A. & U. Fritz. 2001. A new emydine species from the Medial Miocene (Barstovian) of Nebraska, USA with a new generic arrangement for the species of *Clemmys* sensu McDowell (1964) (Reptilia: Testudines: Emydidae). *Zoologische Abhandlungen Staatliches Museum fur Tierkunde Dresden* 51(19)321-344. Available at: http://www.cnah.org/cnah_pdf.asp

Leache, Adam, D, Michelle S. Koo, Carol L. Spencer, Theodore J. Papenfuss, Robert N. Fisher & Jimmy A. McGuire. 2009. Quantifying Ecological, Morphological, and Genetic Variation to Delimit Species in the Coast Horned Lizard Species Complex (*Phrynosoma*). *PNAS*. 106(30):12418-12423. Available at: <http://www.pnas.org/content/106/30/12418.full>

Mead, Louise S., David R. Clayton, Richard S. Nauman, Deanna H. Olsen, & Michael E. Pfrender. 2005. Newly discovered populations of salamanders from Siskiyou County, California, represent a species distinct from *Plethodon stormi*. *Herpetologica* 61(2): 158-77. Available at: http://www.cnah.org/cnah_pdf.asp

Reeder, T., C. J Cole & H. C. Dessauer. 2002. Phylogenetic Relationships of Whiptail Lizards of the Genus *Cnemidophorus* (Squamata: Teiidae): A Test of monophyly, reevaluation of karyotypic evolution, and review of hybrid origins. *American Museum Novitates* No. 3365. 61pp. Available at: http://www.cnah.org/cnah_pdf.asp

Shaffer, H. Bradley, G. M. Fellers, S. Randal Voss, J. C. Oliver & Gregory B. Pauly. 2004. Species boundaries, phylogeography and conservation genetics of the red-legged frog (*Rana aurora/draytonii*) complex. *Molecular Ecology* (2004) 13, 2667-2677. Available at: http://www.cnah.org/cnah_pdf.asp

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. Available at: <http://www2.eve.ucdavis.edu/shafferlab/pubs/SpinksMolEcol2005.pdf>

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. Available at: <http://www.eve.ucdavis.edu/shafferlab/pubs/SpinksSysBio2009.pdf>

Stephens, Patrick R. and John J. Wiens. 2003, Ecological Diversification and Phylogeny of Emydid Turtles. *Biological Journal of the Linnean Society* 79: 577-610. Available at: http://www.cnah.org/cnah_pdf.asp

Vredenburg, V.T., R. Bingham, R. Knapp, J.A.T. Morgan, C. Moritz & D. Wake. 2007. Concordant molecular and phenotypic data delineate new taxonomy and conservation priorities for the endangered mountain yellow-legged frog. *Journal of Zoology* 271 (2007) 361-374. Available at: http://www.cnah.org/cnah_pdf.asp

For birds we made taxonomic changes based on the following papers:

American Ornithologists' Union (AOU). 1998. Check-list of North American birds. Seventh edition. American Ornithologists' Union, Washington, D.C. 829 pp. Available at: <http://www.aou.org/checklist/north/index.php>

Banks, R. C. , R. T. Chesser, C. Cicero, J. L. Dunn, A. W. Kratter, I. J. Lovette, P. C. Rasmussen, J. V. Remsen Jr., J. D. Rising, D. F. Stotz, & K. Winker. 2008. Forty-ninth Supplement to the American Ornithologists' Union *Check-list of North American Birds*. *The Auk* 125(3):758-768. Available at: <http://www.aou.org/checklist/north/print.php>

Barrowclough, George F., Jeff G. Groth, Lisa A. Mertz and R. J. Gutierrez. 2004. Phylogeographic structure, gene flow and species status in blue grouse (*Dendragapus obscurus*). *Molecular Ecology* (2004) 13, 1911-1922. Available at: <http://fwcb.cfans.umn.edu/research/owls/lit%20folder/barrowclough%20et%20al.%202004.pdf>

Bridge, E. S., A. W. Jones, and A. J. Baker. 2005. A Phylogenetic Framework for the Terns (Sternini) Inferred from mtDNA sequences: Implications for Taxonomy and Plumage Evolution. *Molecular Phylogenetics and Evolution* 35:459-469. Available at: <http://www.cmnh.org/site/Files/Ornithology/MPETerns.pdf>

Chesser, R. Terry, Richard C. Banks, F. Keith Barker, Carla Cicero, Jon L. Dunn, Andrew W. Kratter, Irby J. Lovette, Pamela C. Rasmussen, J. V. Remsen, James D. Rising, Douglas F. Stotz, Kevin Winker. 2010. Fifty-first supplement to the American Ornithologists' Union Check-List of North American Birds. *Auk* 127(3):726-744. Available at: <http://www.aou.org/checklist/north/suppl/51.php>

Patten, M. A. 2001. The roles of habitat and signaling in speciation: Evidence from a contact zone of two song sparrow (*Melospiza melodia*) subspecies. Ph.D. dissertation, Univ. Calif., Riverside.

For mammals we made taxonomic changes based on the following papers:

Baker, R. J., L. C. Bradley, R. D. Bradley, J. W. Dragoo, M. D. Engstrom, R. 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>
Bean, C. 2003. An Assessment of the Endangerment Status of the Santa Cruz Kangaroo Rat. MS Thesis, San Jose State University.

Best, T. L., R. K. Chesser, D. A. McCullough, & G. D. Baumgardner. 1996. Genic and Morphometric Variation in Kangaroo Rats, Genus *Dipodomys*, from Coastal California. *Journal of Mammalogy* 77(3):785-800. Available at: http://htmlscript.auburn.edu/academic/science_math/cosam/departments/biology/faculty/webpages/best/PDFs/1996BestEtAl.pdf

Hafner, David J. & Andrew T. Smith. 2010. Revision of the subspecies of the American pika, *Ochotona princeps* (Lagomorpha: Ochotonidae). *Journal of Mammalogy* 91(2):401-417.

Helgen, K.M., F.R. Cole, L.E. Helgen & D.E. Wilson. 2009. Generic Revision in the Holarctic Ground Squirrel Genus *Spermophilus*. *Journal of Mammalogy* 90(2):270-305. Available at: http://www.mammalogy.org/pubjom/OpenAccess/Helgen_etal_2009.pdf

Jones, C. A. & C. N. Baxter. 2004. *Thomomys bottae*. *Mammalian Species* 742:1-14. Available at: http://www.science.smith.edu/departments/Biology/VHAYSSSEN/msi/pdf/742_Thomomys_bottae.pdf

Matocq, M. D. 2002. Morphological and Molecular Analysis of a Contact Zone in the *Neotoma fuscipes* complex. *Journal of Mammalogy* 83(3):866-883. Available at: <http://www.cabnr.unr.edu/matocq/Matocqjm02%20copy.pdf>

Patton, J. L. & M. A. Smith. 1990. The Evolutionary Dynamics of the Pocket Gopher *Thomomys bottae*, with Emphasis on California Populations. University of California Publications in Zoology 123:1-161.

Wehausen, John D., Bleich, Vernon C., and Ramey Rob R. II. 2005. Correct Nomenclature for Sierra Nevada Bighorn Sheep. *Calif Fish and Game* 91(3):216-218. Available at: <http://www.wmrs.edu/people/bios/john%20wehausen/bighorn%20nomenclature.pdf>

CNDDDB CONSERVATION STATUS RANKS:

The CNDDDB ranking codes are part of the “Heritage Methodology”. It is a shorthand formula that provides information about the status of a taxon, both throughout its entire range and within California. We use the best information available to assign these ranks and they are changed and refined as new information becomes available. More detailed information about the conservation status ranking system can be found at:

http://www.natureserve.org/publications/ConsStatusAssess_StatusFactors.pdf

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 list of “Endangered and Threatened Animals of California”, which the CNDDDB updates and issues quarterly (January, April, July, & October).

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 list of “Endangered and Threatened Animals of California”, which the CNDDDB updates and issues quarterly (January, April, July, & October). Federal listing actions contained in the Federal Register are also available at:

<http://www.regulations.gov/search/Regs/home.html#home>.

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 that we conduct a review of listed species at least once every five years. Five year reviews for the Pacific Southwest Region are available at:

http://www.fws.gov/cno/es/five_year_review_lists.html

OTHER STATUS CODES:

IUCN - The World Conservation Union, through its Species Survival Commission (SSC) assess, 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. The SSC is firmly committed to providing the world with the most objective, scientifically-based information on the current status of globally threatened biodiversity. The taxa assessed for the IUCN Red List have been evaluated using the IUCN Red List Categories and Criteria <http://www.iucnredlist.org/technical-documents/categories-and-criteria> . Detailed information on the IUCN and the Red List is available at: <http://www.redlist.org/>.

American Bird Conservancy: United States WatchList of Birds of Conservation

Concern: The United States *WatchList* is a joint project between the American Bird Conservancy and the National Audubon Society. It reflects a comprehensive analysis of all the bird species in the United States. It reveals those in greatest need of immediate conservation

attention to survive a convergence of environmental challenges, including habitat loss, invasive species, and global warming. The list builds on the species assessments conducted for many years by Partners in Flight (PIF) for land birds. It uses those same PIF standards but it is expanded to cover all bird species, not just land birds. The list is based on the latest available research and assessments from the bird conservation community, along with data from the Christmas Bird Count and Breeding Bird Survey. More information is available at: <http://www.abcbirds.org/abcprograms/science/watchlist/index.html>

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.fisheries.org/afs/docs/fisheries/fisheries_3308.pdf. Designations for marine and estuarine species were taken from the paper: 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. Available at: <http://www.flmnh.ufl.edu/fish/sharks/sawfish/Reprint1390.pdf>

Audubon: WatchList: The Audubon WatchList has been incorporated into the **American Bird Conservancy United States WatchList of Birds of Conservation Concern** and no longer has a separate designation.

BLM: Sensitive: Bureau of Land Management. BLM Manual §6840 defines sensitive species as "...those species that are (1) under status review by the FWS/NMFS; or (2) whose numbers are declining so rapidly that Federal listing may become necessary, or (3) with typically small and widely dispersed populations; or (4) those inhabiting ecological refugia or other specialized or unique habitats." Existing California-BLM policy concerning the designation of sensitive species identifies two conditions that must be met before a species may be considered as BLM sensitive: (1) a significant population of the species must occur on BLM-administered lands, and (2) the potential must exist for improvement of the species' condition through BLM management. The "Sensitive Species" designation is not meant to include federally listed species, proposed species, candidate species or State-listed species. It is BLM policy to provide sensitive species with the same level of protection that is given federal candidate species. The list is available at: http://www.blm.gov/ca/pdfs/pa_pdfs/biology_pdfs/SensitiveAnimals.pdf

CDF: Sensitive: California Department of Forestry and Fire Protection. The Board of Forestry classifies as "sensitive species" 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 2010 Forest Practice Rules are available at: http://www.fire.ca.gov/resource_mgt/downloads/2010_FP_Rulebook_w-Diagrams_wo-TechRule_No1.pdf

DFG: SSC: California Species of Special Concern. It is the goal and responsibility of the Department of Fish and Game 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:

<http://www.nrm.dfg.ca.gov/fileHandler.ashx?DocumentID=3778>

The 1995 report for fish, the 1994 report for amphibians and reptiles and the 1986 & 1998 reports for mammals are available on-line.

Fish: http://www.dfg.ca.gov/wildlife/nongame/publications/docs/fish_ssc.pdf

Amphibians & Reptiles:

http://www.dfg.ca.gov/wildlife/nongame/publications/docs/herp_ssc.pdf

Mammals:

http://www.dfg.ca.gov/wildlife/nongame/publications/bm_research/docs/86_27.pdf

<http://www.dfg.ca.gov/wildlife/nongame/ssc/1998mssc.html>

Updates of all three reports are in preparation. Information on the Amphibian and Reptile Species of Special Concern report is available at: <http://arssc.ucdavis.edu>. Information on the mammal report is available at:

<http://www.dfg.ca.gov/wildlife/nongame/ssc/mammals.html> and

<http://www.dfg.ca.gov/wildlife/nongame/ssc/docs/mammal/MSSCProjectTimeline.pdf>

A new *California Bird Species of Special Concern* report was completed in 2008. More information is available at: <http://www.dfg.ca.gov/wildlife/species/ssc/birds.html>. A new category of “**Taxa to Watch**” was created in the new *California Bird Species of Special Concern* report. The birds on this **Watch List** are 1) not on the current Special Concern list but were on previous lists and they have not been state listed under CESA; 2) were previously state or federally listed and now are on neither list; or 3) are on the list of “Fully Protected” species. More information and brief accounts for each species is available in the report.

DFG: 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 state and/or federal endangered species acts; white-tailed kite, golden eagle, trumpeter swan, northern elephant seal and ring-tailed cat are the exceptions. 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 is available online at: <http://www.leginfo.ca.gov/cgi-bin/calawquery?codesection=fgc&codebody=&hits=20> . Title 14 of the California Code of Regulations is available at: <http://ccr.oal.ca.gov/linkedslice/default.asp?SP=CCR-1000&Action=Welcome>

FS: Sensitive: USDA Forest Service defines sensitive species as those 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). The list of sensitive animals for Region 5 is undergoing revision. The anticipated completion date was spring 2009, however it still has not been updated in spring 2010. The sensitive designation on this list is based on the previous list. More information is available at: <http://www.fs.fed.us/r5/projects/sensitive-species/>

FWS: BCC: 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 nonmigratory 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. We hope that by focusing attention on these highest priority species, this report will promote greater study and protection of the habitats and ecological communities upon which these species depend, thereby ensuring the future of healthy avian populations and communities. This report is available at: http://library.fws.gov/Bird_Publications/BCC2008.pdf

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 Species of Special Concern list is available at: <http://www.mmc.gov/species>

National Oceanic and Atmospheric Administration (NOAA): 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) in conjunction with our Regional offices, Science Centers, and various partners. 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). We wish to draw proactive attention and conservation action to these species. "Species of concern" status does not carry any procedural or substantive protections under the ESA. More information is available at: <http://www.nmfs.noaa.gov/pr/species/concern>

WBWG: High Priority: The Western Bat Working Group 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 designated as "High Priority" are imperiled or are at high risk of imperilment based on available information on distribution, status, ecology and known threats. 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 status code abbreviations

Organization	Abbreviation
American Bird Conservancy - U. S. WatchList of Birds of Conservation Concern	ABC_WLBCC
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 & Game - Fully Protected	DFG_FP
Calif Dept of Fish & Game - Species of Special Concern	DFG_SSC
Calif Dept of Fish & Game - Watch List	DFG_WL
IUCN - Conservation Dependent	IUCN_CD
IUCN - Critically Endangered	IUCN_CR
IUCN - Data Deficient	IUCN_DD
IUCN - Endangered	IUCN_EN
IUCN - Least Concern	IUCN_LC
IUCN - Near Threatened	IUCN_NT
IUCN - Vulnerable	IUCN_VU
Marine Mammal Commission - Species of Special Concern	MMC_SSC
National Marine Fisheries Service - Species of Concern	NMFS_SC
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 - Low-Medium Priority	WBWG_LM
Western Bat Working Group - Medium Priority	WBWG_M
Western Bat Working Group - Medium-High Priority	WBWG_MH
Xerces Society - Critically Imperiled	XERCES_CI
Xerces Society - Data Deficient	XERCES_DD
Xerces Society - Imperiled	XERCES_IM
Xerces Society - Vulnerable	XERCES_VU

Special Animals List - January 2011

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		G4 S2S3?	None	None		
<i>Pisidium ultramontanum</i> fingernail clam		G1 S1	None	None	USFS:S	
GASTROPODA (Snails, slugs and abalone)						
<i>Algamorda newcombiana</i> Newcomb's littorine snail		G1G2 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 desertsnailed		G1 S1	None	None	IUCN:VU	
<i>Eremarionta millepalmarum</i> Thousand Palms desertsnailed		G1 S1	None	None	IUCN:VU	
+ <i>Eremarionta morongoana</i> Morongo (=Colorado) desertsnailed		G1G3 S1	None	None	IUCN:NT	
+ <i>Eremarionta rowelli bakerensis</i> Baker's desertsnailed		G1T1 S1	None	None	IUCN:DD	
+ <i>Eremarionta rowelli mccoiana</i> California Mcco snail		G1T1 S1	None	None	IUCN:DD	
+ <i>Fluminicola seminalis</i> nugget pebblesnailed		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		G3G4 S3	Endangered	None	IUCN:CR	
<i>Haliotis fulgens</i> green abalone		G3G4 S3	None	None	NMFS:SC	
<i>Haliotis kamtschatkana</i> pinto abalone		G3G4 S1S3	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 duranti</i> Durant's snail		G2G3 S2S3	None	None		
+ <i>Helisoma newberryi</i> Great Basin rams-horn		G1Q S1	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		

Special Animals List - January 2011

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		G1G3 S1S3	None	None		
<i>Helminthoglypta fontiphila</i> Soledad shoulderband		G1 S1	None	None		
+ <i>Helminthoglypta hertleini</i> Oregon shoulderband		G1 S1	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		G1T1 S1	None	None	IUCN:DD	
+ <i>Helminthoglypta nickliniana bridgesi</i> Bridges' coast range shoulderband		G2T1 S1	None	None	IUCN:DD	
+ <i>Helminthoglypta sequoicola consors</i> redwood shoulderband		G1G2T1 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		G1G3 S1S3	None	None	BLM:S	
+ <i>Helminthoglypta taylori</i> westfork shoulderband		G1 S1	None	None		
<i>Helminthoglypta traskii pacoimensis</i> Pacoima shoulderband		G1T1 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 S1	Endangered	None	IUCN:CR	
<i>Herpeteros angelus</i> Soledad desertsnaail		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		
+ <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		

Special Animals List - January 2011

Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
GASTROPODA (Snails, slugs and abalone)						
+ <i>Lanx patelloides</i> kneecap lanx		G2 S2	None	None		
+ <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		G2 S2	None	None	BLM:S	
+ <i>Monadenia churchi</i> Klamath sideband		G2 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		G1G2T1 S1	None	None		
+ <i>Monadenia mormonum hirsuta</i> hirsute Sierra sideband		G1G2T1 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 S1	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		
<i>Prophysaon coeruleum</i> Blue-gray taildropper slug	(May be a species complex.)	G3G4 S1S2	None	None	USFS:S	

Special Animals List - January 2011

Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
GASTROPODA (Snails, slugs and abalone)						
+ <i>Punctum hannai</i>	Trinity Spot	G1 S1S3	None	None		
+ <i>Pyrgulopsis aardahli</i>	Benton Valley (=Aahrdahl's) springsnail	G1 S1	None	None		
+ <i>Pyrgulopsis archimedis</i>	Archimedes pyrg	G1 S1	None	None		
+ <i>Pyrgulopsis cinerana</i>	Ash Valley pyrg	G1G2 S1S2	None	None		
+ <i>Pyrgulopsis diablensis</i>	Diablo Range pyrg	G1 S1	None	None		
+ <i>Pyrgulopsis eremica</i>	Smoke Creek pyrg	G2 S2	None	None		
+ <i>Pyrgulopsis falciglans</i>	Likely pyrg	G1G2 S1	None	None		
+ <i>Pyrgulopsis gibba</i>	Surprise Valley pyrg	G3 S2?	None	None		
+ <i>Pyrgulopsis greggi</i>	Kern River pyrg	G1 S1	None	None		
+ <i>Pyrgulopsis lassenii</i>	Willow Creek pyrg	G1G2 S1S2	None	None		
+ <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	G1G2 S1S2	None	None		
+ <i>Pyrgulopsis rupinicola</i>	Sucker Springs pyrg	G1G2 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		
+ <i>Pyrgulopsis wongi</i>	Wong's springsnail	G2 S1S2	None	None	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		
+ <i>Sterkia clementina</i>	San Clemente Island blunt-top snail	G1 S1	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)	G2G3 S2S3	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	G2G3 S2S3	None	None	IUCN:DD	
+ <i>Vespericola marinensis</i>	Marin hesperian	G2G3 S2S3	None	None		
+ <i>Vespericola pressleyi</i>	Big Bar hesperian	G1 S1	None	None	BLM:S USFS:S	

Special Animals List - January 2011

Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
GASTROPODA (Snails, slugs and abalone)						
<i>Vespericola scotti</i> Benson Gulch hesperian	(Known only from the type locality, Benson Gulch, Trinity Co.)	G1 S1	None	None		
+ <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 cactussnail		G1 S1	None	None	IUCN:VU	
<i>Xerarionta tryoni</i> Bicolor cactussnail		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 aalbei</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		G2G3 S2S3	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		

Special Animals List - January 2011

Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
ARACHNIDA (Spiders and relatives)						
+ <i>Calileptoneta briggsi</i> Briggs' leptonetid spider		G1 S1	None	None		
+ <i>Calileptoneta oasa</i> Andreas Canyon leptonetid spider		G1 S1	None	None		
+ <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	
+ <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>Pauroctonus maritimus</i> Monterey dunes scorpion		GNR SNR	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		

Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
CRUSTACEA, Order Anostraca (fairy shrimp)						
+ <i>Artemia monica</i>		G1 S1	None	None	IUCN:CD	
	Mono brine shrimp					
+ <i>Branchinecta campestris</i>		G4 S1	None	None		
	pocket pouch fairy shrimp					
+ <i>Branchinecta conservatio</i>		G1 S1	Endangered	None	IUCN:EN	
	Conservancy fairy shrimp					
+ <i>Branchinecta longiantenna</i>		G1 S1	Endangered	None	IUCN:EN	
	longhorn fairy shrimp					
+ <i>Branchinecta lynchi</i>		G3 S2S3	Threatened	None	IUCN:VU	
	vernal pool fairy shrimp					
+ <i>Branchinecta mesovallensis</i>		G2 S2	None	None		
	midvalley fairy shrimp					
+ <i>Branchinecta sandiegonensis</i>		G1 S1	Endangered	None	IUCN:EN	
	San Diego fairy shrimp					
+ <i>Linderiella occidentalis</i>		G3 S2S3	None	None	IUCN:NT	
	California linderiella					
+ <i>Linderiella santarosae</i>		G1G2 S1	None	None		
	Santa Rosa Plateau fairy shrimp					
+ <i>Streptocephalus woottoni</i>		G1 S1	Endangered	None	IUCN:EN	
	Riverside fairy shrimp					
CRUSTACEA, Order Notostraca (tadpole shrimp)						
+ <i>Lepidurus packardii</i>		G3 S2S3	Endangered	None	IUCN:EN	
	vernal pool tadpole shrimp					
CRUSTACEA, Order Anomopoda (water fleas)						
+ <i>Dumontia oregonensis</i>		G1G3 S1	None	None		
	hairy water flea					
CRUSTACEA, Order Isopoda (isopods)						
+ <i>Bowmanasellus sequoiae</i>		G1 S1	None	None		
	Sequoia cave isopod					
+ <i>Caecidotea tomalensis</i>		G2 S2	None	None		
	Tomales isopod					
+ <i>Calasellus californicus</i>		G2 S2	None	None		
	An isopod					
+ <i>Calasellus longus</i>		G1 S1	None	None		
	An isopod					
CRUSTACEA, Order Amphipoda (amphipods)						
<i>Hyaella muerta</i>		G1 S1	None	None		
	Texas Spring amphipod					
<i>Hyaella sandra</i>		G1 S1	None	None		
	Death Valley amphipod					
<i>Stygobromus cherylae</i>		G1 S1	None	None		
	Barr's amphipod					
<i>Stygobromus cowani</i>		G1 S1	None	None		
	Cowan's amphipod					
<i>Stygobromus gallawayae</i>		G1 S1	None	None		
	Gallaway's amphipod					
+ <i>Stygobromus gradyi</i>		G1 S1	None	None	IUCN:VU	
	Grady's Cave amphipod					
<i>Stygobromus grahami</i>		G2 S2	None	None		
	Graham's Cave Amphipod					
+ <i>Stygobromus harai</i>		G1G2 S1S2	None	None	IUCN:VU	
	Hara's Cave amphipod					
<i>Stygobromus hyporheicus</i>		G1 S1	None	None		
	Hypoheic amphipod					
<i>Stygobromus imperialis</i>		G1 S1	None	None		
	Empire Cave amphipod					
<i>Stygobromus lacicolus</i>		G1 S1	None	None		
	Lake Tahoe amphipod					

Special Animals List - January 2011

Invertebrates

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

Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
INSECTA, Order Orthoptera (grasshoppers, katydids, and crickets)						
+ <i>Tetrix sierrana</i>	Sierra pygmy grasshopper	G1G2 S1S2	None	None	IUCN:VU	
+ <i>Trimerotropis infantilis</i>	Zayante band-winged grasshopper	G1 S1	Endangered	None	IUCN:EN	
+ <i>Trimerotropis occidentiloides</i>	Santa Monica grasshopper	G1G2 S1S2	None	None	IUCN:EN	
+ <i>Trimerotropis occulens</i>	Lompoc grasshopper	GH SH	None	None	IUCN:EN	
INSECTA, Order Heteroptera (true bugs)						
+ <i>Ambrysus funebris</i>	Nevares 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 S1S3	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>Agrilus harenus</i>	Narenus jewel beetle	G1G2 S1S2	None	None		
+ <i>Anomala carlsoni</i>	Carlson's dune beetle	G2 S2	None	None		
+ <i>Anomala hardyorum</i>	Hardy's dune beetle	G2 S2	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	G4 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 S1	None	None		
+ <i>Cicindela latesignata latesignata</i>	western beach tiger beetle	G4T1T2 S1	None	None		
+ <i>Cicindela ohlone</i>	Ohlone tiger beetle	G1 S1	Endangered	None		
+ <i>Cicindela senilis frosti</i>	senile tiger beetle	G4T1 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		

Special Animals List - January 2011

Invertebrates

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

Special Animals List - January 2011

Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
INSECTA, Order Coleoptera (beetles)						
+ <i>Nebria gebleri siskiyouensis</i>	Siskiyou ground beetle	G4G5T4 S1S3	None	None		
+ <i>Nebria sahlbergii triad</i>	Tinity Alps ground beetle	G1G3T1T3 S1S3	None	None		
<i>Ochthebius crassalus</i>	wing shoulder minute moss beetle	G1G3 S1S3	None	None		
+ <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 (=barbate) June beetle	G1 S1	Endangered	None		
+ <i>Polyphylla erratica</i>	Death Valley June beetle	G1 S1	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	G2G3 S2S3	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 knulli</i>	A 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	G1 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		

Special Animals List - January 2011

Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
INSECTA, Order Diptera (flies)						
<i>Apiocera warneri</i>		G1G2 S1S2	None	None		
Glamis sand fly						
+ <i>Brennania belkini</i>		G1G2 S1S2	None	None	IUCN:VU	
Belkin's dune tabanid fly						
+ <i>Efferia antiochi</i>		G1G3 S1S3	None	None		
Antioch efferian robberfly						
<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		
Wilber 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>		G2G3 S2S3	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>		G2G3 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		
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	
Thorne's hairstreak						
+ <i>Carolella busckana</i>		G1G3 SH	None	None		
Busck's gallmoth						
+ <i>Carterocephalus palaemon magnus</i>		G5T1 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</i>		G5 S3	None	None		
monarch butterfly						
+ <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>		G5T1T3 S1S3	None	None		
Comstock's blue butterfly						
<i>Euphilotes baueri</i>		G2G4 S1S2	None	None	XERCES:IM	
Bauer's dotted-blue						
+ <i>Euphilotes enoptes smithi</i>		G5T1T2 S1S2	Endangered	None	XERCES:CI	
Smith's blue butterfly						

Special Animals List - January 2011

Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
INSECTA, Order Lepidoptera (butterflies & moths)						
<i>Euphilotes mojave</i> Mojave dotted-blue		G2G3 S1S2	None	None	XERCES:IM	
+ <i>Euphydryas editha bayensis</i> Bay checkerspot butterfly		G5T1 S1	Threatened	None	XERCES:CI	
+ <i>Euphydryas editha monoensis</i> Mono checkerspot butterfly		G5T3? S1S2	None	None		
+ <i>Euphydryas editha quino</i> quino checkerspot butterfly		G5T1 S1	Endangered	None	XERCES:CI	
<i>Euphyes vestris harbisoni</i> dun skipper		G5T1 S1?	None	None		
+ <i>Euproserpinus euterpe</i> Kern primrose sphinx moth		G1 S1	Threatened	None	XERCES:CI	
+ <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 sooty wing skipper		G2G3 S2S3	None	None	XERCES:VU	
+ <i>Lycaena hermes</i> Hermes copper butterfly		G1G2 S1S2	None	None	IUCN:VU	
<i>Lycaena rubidus incana</i> White Mountains copper		G5T1 S1	None	None		
+ <i>Panoquina errans</i> wandering (=saltmarsh) skipper		G4G5 S1	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		G5T1T3 S1S3	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		
+ <i>Plebulina emigdionis</i> San Emigdio blue butterfly		G2G3 S2S3	None	None		
+ <i>Polites mardon</i> mardon skipper		G2G3 S1	Candidate	None	XERCES:IM	
<i>Polites sabuleti albamontana</i> White Mountains sandhill skipper		G5T2 S2	None	None		
<i>Psammobotys fordii</i> Ford's sand dune moth		GNR SNR	None	None		
<i>Pseudocopaeodes eunus eunus</i> alkali skipper		G3G4T1T3 S1S3	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 adiaste adiaste</i> unsilvered fritillary		G1G2T1 S1	None	None		

Special Animals List - January 2011

Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
INSECTA, Order Lepidoptera (butterflies & moths)						
+ <i>Speyeria callippe callippe</i> callippe silverspot butterfly		G5T1 S1	Endangered	None	XERCES:CI	
<i>Speyeria egleis tehachapina</i> Tehachapi Mountain silverspot butterfly		G5T2T3 S2S3	None	None		
+ <i>Speyeria nokomis carsonensis</i> Carson Valley silverspot		G3T1 S1	None	None		
+ <i>Speyeria zerene behrensii</i> Behren's silverspot butterfly		G5T1 S1	Endangered	None	XERCES:CI	
+ <i>Speyeria zerene hippolyta</i> Hippolyta fritillary		G5T1 S1	Threatened	None	XERCES:CI	
+ <i>Speyeria zerene myrtleae</i> Myrtle's silverspot		G5T1 S1	Endangered	None	XERCES:CI	
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		G2 S1S2	None	None		
+ <i>Lepidostoma ermanae</i> Cold Spring caddisfly		G1G2 S1S2	None	None		
+ <i>Limnephilus atercus</i> Fort Dick limnephilus caddisfly		G4 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		G1G3 S1S3	None	None		
+ <i>Andrena subapasta</i> A vernal pool andrenid bee		G1G3 S1S3	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		

Special Animals List - January 2011

Invertebrates

Species	Comment	Rank	ESA	CESA	Other Status	Notes
INSECTA, Order Hymenoptera (ants, bees, & wasps)						
<i>Bombus franklini</i>		G1 S1	None	None	IUCN:CR	
Franklin's bumble bee					XERCES:CI	
<i>Bombus occidentalis</i>		GU S1	None	None	XERCES:IM	
western bumble bee						
+ <i>Ceratochrysis bradleyi</i>		G1 S1	None	None		
Bradley's cuckoo wasp						
+ <i>Ceratochrysis gracilis</i>		G1 S1	None	None		
Piute Mountains cuckoo wasp						
<i>Ceratochrysis grisselli</i>		GNR SNR	None	None		
A cuckoo wasp						
+ <i>Ceratochrysis longimala</i>		G1 S1	None	None		
A cuckoo wasp						
+ <i>Ceratochrysis menkei</i>		G1 S1	None	None		
Menke's cuckoo wasp						
+ <i>Chrysis tularensis</i>		G1G2 S1S2	None	None		
Tulare cuckoo wasp						
<i>Cleptes humboldti</i>		G1G2 S1S2	None	None		
A cuckoo wasp						
+ <i>Dufourea stagei</i>		G1? S1?	None	None		
Stage's dufourine bee						
+ <i>Eucerceris ruficeps</i>		G1G3 S1S2	None	None		
redheaded sphecid wasp						
<i>Euparagia unidentata</i>		G1G2 S1S2	None	None		
Algodones euparagia						
<i>Habropoda pallida</i>		G1G2 S1S2	None	None		
white faced bee						
+ <i>Halictus harmonius</i>		G1 S1	None	None	XERCES:CI	
haromonius halictid bee						
+ <i>Hedychridium argenteum</i>		G1? S1?	None	None		
Riverside cuckoo wasp						
+ <i>Hedychridium milleri</i>		G1? S1?	None	None		
Borax Lake cuckoo wasp						
+ <i>Lasioglossum channelense</i>		G1 S1	None	None		
Channel Island sweat bee						
+ <i>Melitta californica</i>		G4? S2?	None	None		
A mellitid bee						
<i>Microbembex elegans</i>		G1G2 S1S2	None	None		
Algodones elegant sand wasp						
+ <i>Minymischa ventura</i>		G1G3 S1S3	None	None		
Ventura cuckoo wasp						
+ <i>Myrmosula pacifica</i>		GH SH	None	None		
Antioch multilid wasp						
<i>Neolarra alba</i>		GH SH	None	None		
a cuckoo bee						
+ <i>Paranomada californica</i>		G1 S1	None	None		
a cuckoo bee						
+ <i>Parnopes borregoensis</i>		G1? S1?	None	None		
Borrego parnopes cuckoo wasp						
<i>Perdita algodones</i>		G1G2 S1S2	None	None		
Algodones perdita						
<i>Perdita frontalis</i>		G1G2 S1S2	None	None		
Imperial Perdita						
<i>Perdita glamis</i>		G1G2 S1S2	None	None		
Glamis perdita						
+ <i>Perdita scitula antiochensis</i>		G1T1 S1	None	None		
Antioch andrenid bee						
+ <i>Philanthus nasalis</i>		G1 S1	None	None		
Antioch sphecid wasp						

Special Animals List - January 2011

Invertebrates

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>Sphecodogastra antiochensis</i>		G1 S1	None	None	XERCES:CI	
Antioch Dunes halcitiid bee						
<i>Spherophthalma ecarinata</i>		G1G2 S1S2	None	None		
Glamis night mutillid						
<i>Stictiella villegasi</i>		G1G2 S1S2	None	None		
Algodones sand wasp						
+ <i>Trachusa gummifera</i>		G1 S1	None	None		
A leaf-cutter bee						

Special Animals List - January 2011

Fishes

Species	Comment	Rank	ESA	CESA	Other Status	Notes
PETROMYZONTIDAE (lampreys)						
+ <i>Entosphenus hubbsi</i> Kern brook lamprey		G1G2 S1S2	None	None	AFS:TH DFG:SSC IUCN:NT	
<i>Entosphenus lethophagus</i> Pit-Klamath brook lamprey		G3G4 S3	None	None	AFS:VU	
<i>Entosphenus similis</i> Klamath River lamprey		G3G4Q S3S4	None	None	AFS:TH DFG:SSC	
<i>Entosphenus tridentatus</i> Pacific lamprey		G5 S4	None	None	AFS:VU	
+ <i>Entosphenus tridentatus</i> ssp. 1 Goose Lake lamprey		G5T1 S1	None	None	AFS:VU DFG:SSC USFS:S	
<i>Lampetra ayresii</i> river lamprey		G4 S4	None	None	AFS:VU DFG:SSC	
ACIPENSERIDAE (sturgeon)						
+ <i>Acipenser medirostris</i> green sturgeon	(southern DPS)	G3 S1S2	Threatened	None	AFS:VU DFG:SSC IUCN:NT NMFS:SC	Yes
<i>Acipenser transmontanus</i> white sturgeon		G4 S2	None	None	AFS:EN IUCN:LC	
SALMONIDAE (trout & salmon)						
+ <i>Oncorhynchus clarkii clarkii</i> coast cutthroat trout		G4T4 S3	None	None	AFS:VU DFG: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	DFG:SSC	
<i>Oncorhynchus keta</i> chum salmon		G5 S1?	None	None	DFG:SSC	
+ <i>Oncorhynchus kisutch</i> coho salmon - southern Oregon / northern California ESU		G4T2Q S2?	Threatened	Threatened	AFS:TH DFG:SSC	Yes
+ <i>Oncorhynchus kisutch</i> coho salmon - central California coast ESU		G4 S2?	Endangered	Endangered	AFS:EN	Yes
+ <i>Oncorhynchus mykiss aguabonita</i> Volcano Creek golden trout		G5T1 S1	None	None	AFS:TH DFG:SSC USFS:S	
+ <i>Oncorhynchus mykiss aquilarum</i> Eagle Lake rainbow trout		G5T1 S1	None	None	AFS:TH DFG:SSC USFS:S	
<i>Oncorhynchus mykiss gilberti</i> Kern River rainbow trout		G5T1Q S1S2	None	None	AFS:TH DFG:SSC	
<i>Oncorhynchus mykiss irideus</i> steelhead - Klamath Mountains Province DPS		G5T3Q S2	None	None	DFG:SSC USFS:S	Yes
+ <i>Oncorhynchus mykiss irideus</i> steelhead - central California coast DPS		G5T2Q S2	Threatened	None	AFS:TH	Yes
+ <i>Oncorhynchus mykiss irideus</i> steelhead - south/central California coast DPS		G5T2Q S2	Threatened	None	AFS:TH DFG:SSC	Yes
+ <i>Oncorhynchus mykiss irideus</i> southern steelhead - southern California DPS		G5T2Q S2	Endangered	None	AFS:EN DFG:SSC	Yes

Special Animals List - January 2011

Fishes

Species	Comment	Rank	ESA	CESA	Other Status	Notes
SALMONIDAE (trout & salmon)						
<i>Oncorhynchus mykiss irideus</i> steelhead - Central Valley DPS		G5T2 S2	Threatened	None	AFS:TH	Yes
+ <i>Oncorhynchus mykiss irideus</i> steelhead - northern California DPS		G5T2Q S2	Threatened	None	AFS:TH DFG:SSC	Yes
+ <i>Oncorhynchus mykiss irideus</i> summer-run steelhead trout		G5T4Q S2	None	None	DFG:SSC	Yes
+ <i>Oncorhynchus mykiss ssp. 1</i> Goose Lake redband trout		G5T2Q S1	None	None	AFS:VU DFG:SSC USFS:S	
+ <i>Oncorhynchus mykiss ssp. 2</i> McCloud River redband trout		G5T1T2Q S1S2	None	None	AFS:VU DFG: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 - spring-run Klamath-Trinity Rivers pop.		G5 S1S2	None	None	DFG: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 DFG: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		
+ <i>Salvelinus confluentus</i> bull trout		G3 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	None	Threatened	DFG:SSC	Yes
<i>Thaleichthys pacificus</i> eulachon		G5 S3	Threatened	None	DFG:SSC	
CYPRINIDAE (minnows and carp)						
+ <i>Gila coerulea</i> blue chub		G3 S2S3	None	None	DFG:SSC	
+ <i>Gila elegans</i> bonytail		G1 S1	Endangered	Endangered	AFS:EN IUCN:EN	
+ <i>Gila orcuttii</i> arroyo chub		G2 S2	None	None	AFS:VU DFG:SSC USFS:S	
+ <i>Lavinia exilicauda chi</i> Clear Lake hitch		G5T2 S2	None	None	AFS:VU DFG:SSC USFS:S	
<i>Lavinia exilicauda exilicauda</i> Central Valley hitch		G5T2T4 S2S4	None	None		
<i>Lavinia exilicauda harengus</i> Pajaro/Salinas hitch		G5T2T4 S2S4	None	None		
+ <i>Lavinia symmetricus mitrulus</i> Pit roach		G5T3 S2	None	None	AFS:VU DFG:SSC	

Special Animals List - January 2011

Fishes

Species	Comment	Rank	ESA	CESA	Other Status	Notes
CYPRINIDAE (minnows and carp)						
+ <i>Lavinia symmetricus navarroensis</i> Navarro roach		G5T1T2 S1S2	None	None	DFG:SSC	
+ <i>Lavinia symmetricus parvipinnis</i> Gualala roach		G5T1T2 S1S2	None	None	DFG:SSC	
+ <i>Lavinia symmetricus ssp. 1</i> San Joaquin roach		G5T3Q S3	None	None	DFG:SSC	Yes
+ <i>Lavinia symmetricus ssp. 2</i> Tomales roach		G5T2T3 S2S3	None	None	DFG:SSC	
+ <i>Lavinia symmetricus ssp. 3</i> Red Hills roach		G5T1 S1	None	None	AFS:VU BLM:S DFG:SSC	
<i>Lavinia symmetricus ssp. 4</i> Clear Lake - Russian River roach		G5T2T3 S2S3	None	None		
<i>Lavinia symmetricus subditus</i> Monterey roach		G5T2T3 S2S3	None	None	DFG:SSC	
+ <i>Mylopharodon conocephalus</i> hardhead		G3 S3	None	None	DFG:SSC USFS:S	
+ <i>Pogonichthys macrolepidotus</i> Sacramento splittail		G2 S2	None	None	AFS:VU DFG:SSC IUCN:EN	
+ <i>Ptychocheilus lucius</i> Colorado pikeminnow		G1 SX	Endangered	Endangered	DFG:FP IUCN:VU	
+ <i>Rhinichthys osculus ssp. 1</i> Amargosa Canyon speckled dace		G5T1Q S1	None	None	AFS:TH BLM:S DFG:SSC	Yes
+ <i>Rhinichthys osculus ssp. 2</i> Owens speckled dace		G5T1T2Q S1S2	None	None	AFS:TH DFG:SSC	Yes
+ <i>Rhinichthys osculus ssp. 3</i> Santa Ana speckled dace		G5T1 S1	None	None	AFS:TH DFG:SSC USFS:S	
<i>Rhinichthys osculus ssp. 5</i> Long Valley speckled dace		G5T1 S1	None	None	AFS:EN	
+ <i>Siphateles bicolor mohavensis</i> Mohave tui chub		G4T1 S1	Endangered	Endangered	AFS:EN DFG:FP	
<i>Siphateles bicolor pectinifer</i> Lahontan Lake tui chub		G4T3 S1S2	None	None	DFG:SSC USFS:S	
+ <i>Siphateles bicolor snyderi</i> Owens tui chub		G4T1 S1	Endangered	Endangered	AFS:EN	
+ <i>Siphateles bicolor ssp. 1</i> Eagle Lake tui chub		G4T1 S1	None	None	DFG:SSC	
+ <i>Siphateles bicolor ssp. 2</i> High Rock Spring tui chub		G4TX SX	None	None	DFG:SSC	
<i>Siphateles bicolor ssp. 3</i> Pit River tui chub		G4T1T3 S1S3	None	None		
+ <i>Siphateles bicolor thalassina</i> Goose Lake tui chub		G4T2 S1	None	None	AFS:TH DFG:SSC USFS:S	
+ <i>Siphateles bicolor vaccaceps</i> Cow Head tui chub		G4T1 S1	None	None	AFS:EN DFG:SSC	
CATOSTOMIDAE (suckers)						
+ <i>Catostomus fumeiventris</i> Owens sucker		G3 S3	None	None	DFG:SSC	
+ <i>Catostomus latipinnis</i> flannelmouth sucker		G3G4 S1	None	None		
+ <i>Catostomus microps</i> Modoc sucker		G1 S1	Endangered	Endangered	AFS:EN DFG:FP IUCN:EN	

Special Animals List - January 2011

Fishes

Species	Comment	Rank	ESA	CESA	Other Status	Notes
CATOSTOMIDAE (suckers)						
+ <i>Catostomus occidentalis lacusanserinus</i> Goose Lake sucker		G5T2T3Q S1	None	None	AFS:VU DFG:SSC USFS:S	
<i>Catostomus platyrhynchus</i> mountain sucker		G5 S2S3	None	None	DFG:SSC	
<i>Catostomus rimiculus</i> ssp. 1 Jenny Creek sucker		G5T2Q S1	None	None	AFS:VU	
+ <i>Catostomus santaanae</i> Santa Ana sucker		G1 S1	Threatened	None	AFS:TH DFG:SSC IUCN:VU	
+ <i>Catostomus snyderi</i> Klamath largescale sucker		G3 S2	None	None	AFS:TH DFG:SSC IUCN:NT	
+ <i>Chasmistes brevirostris</i> shortnose sucker		G1 S1	Endangered	Endangered	AFS:EN DFG:FP IUCN:EN	
+ <i>Deltistes luxatus</i> Lost River sucker		G1 S1	Endangered	Endangered	AFS:EN DFG:FP IUCN:EN	
+ <i>Xyrauchen texanus</i> razorback sucker		G1 S1	Endangered	Endangered	AFS:EN DFG:FP IUCN:EN	
CYPRINODONTIDAE (killifishes)						
+ <i>Cyprinodon macularius</i> desert pupfish		G1 S1	Endangered	Endangered	AFS:EN	
+ <i>Cyprinodon nevadensis amargosae</i> Amargosa pupfish		G2T1 S1	None	None	AFS:VU BLM:S DFG:SSC	
+ <i>Cyprinodon nevadensis nevadensis</i> Saratoga Springs pupfish		G2T1 S1	None	None	AFS:TH DFG:SSC	
+ <i>Cyprinodon nevadensis shoshone</i> Shoshone pupfish		G2T1 S1	None	None	AFS:EN DFG:SSC	
+ <i>Cyprinodon radiosus</i> Owens pupfish		G1 S1	Endangered	Endangered	AFS:EN DFG:FP IUCN:EN	
+ <i>Cyprinodon salinus milleri</i> Cottonball Marsh pupfish		G1QT1 S1	None	Threatened	AFS:TH	
+ <i>Cyprinodon salinus salinus</i> Salt Creek pupfish		G1T1 S1	None	None	AFS:VU DFG:SSC	
GASTEROSTEIDAE (sticklebacks)						
<i>Gasterosteus aculeatus microcephalus</i> resident threespine stickleback	(South of Pt. Conception only)	G5T2T3 S2S3	None	None	USFS:S	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 DFG:FP	Yes
POLYPRIONIDAE (wreckfishes)						
<i>Stereolepis gigas</i> giant sea bass		G3 S1S2	None	None	AFS:VU IUCN:CR	Yes
CENTRARCHIDAE (sunfishes)						
+ <i>Archoplites interruptus</i> Sacramento perch	(Within native range only)	G3 S1	None	None	AFS:TH DFG:SSC	
EMBIOTOCIDAE (surfperches)						
<i>Hysteroecarpus traski lagunae</i> Clear Lake tule perch		G5T2T3 S2S3	None	None		
+ <i>Hysteroecarpus traski pomo</i> Russian River tule perch		G5T2 S2	None	None	AFS:VU DFG:SSC	

Special Animals List - January 2011

Fishes

Species	Comment	Rank	ESA	CESA	Other Status	Notes
EMBIOTOCIDAE (surfperches)						
<i>Hysterocarpus traski traski</i>		G5T2T3 S2S3	None	None		
Sacramento-San Joaquin tule perch						
GOBIIDAE (gobies)						
+ <i>Eucyclogobius newberryi</i>		G3 S2S3	Endangered	None	AFS:EN DFG:SSC IUCN:VU	
tidewater goby						
COTTIDAE (sculpins)						
+ <i>Cottus asperimus</i>		G2 S2	None	Threatened	AFS:VU DFG:FP IUCN:VU	
rough sculpin						
<i>Cottus gulosus</i>		G5 S3S4	None	None		
riffle sculpin						
<i>Cottus klamathensis klamathensis</i>		G4T1T2 S1S2	None	None		
Upper Klamath marbled sculpin						
+ <i>Cottus klamathensis macrops</i>		G4T3 S3	None	None	AFS:VU DFG:SSC	
bigeye marbled sculpin						
<i>Cottus klamathensis polyporus</i>		G4T2T4 S2S4	None	None		
Lower Klamath marbled sculpin						
<i>Cottus perplexus</i>		G4 S2S3	None	None	DFG:SSC	
reticulate sculpin						

Special Animals List - January 2011

Amphibians

Species	Comment	Rank	ESA	CESA	Other Status	Notes
AMBYSTOMATIDAE (mole salamanders)						
+ <i>Ambystoma californiense</i> California tiger salamander		G2G3 S2S3	Threatened	Threatened	DFG:SSC IUCN:VU	
+ <i>Ambystoma macrodactylum croceum</i> Santa Cruz long-toed salamander		G5T1 S1	Endangered	Endangered	DFG:FP	
RHYACOTRITONIDAE (Olympic salamanders)						
+ <i>Rhyacotriton variegatus</i> southern torrent salamander		G3G4 S2S3	None	None	DFG:SSC IUCN:LC USFS:S	
SALAMANDRIDAE (newts)						
+ <i>Taricha torosa</i> Coast Range newt	(Monterey Co. south only)	G5T4 S4	None	None	DFG:SSC	
PLETHODONTIDAE (lungless salamanders)						
+ <i>Batrachoseps campi</i> Inyo Mountains slender salamander		G2 S2	None	None	BLM:S DFG:SSC IUCN:EN USFS:S	
<i>Batrachoseps diabolicus</i> Hell Hollow slender salamander		G2 S2	None	None	IUCN:DD	
+ <i>Batrachoseps gabrieli</i> San Gabriel slender salamander		G2 S2	None	None	IUCN:DD USFS:S	
<i>Batrachoseps gregarius</i> gregarious slender salamander		G2G3 S2S3	None	None	IUCN:LC	
<i>Batrachoseps incognitus</i> San Simeon slender salamander		G2G3 S2S3	None	None	IUCN:DD	
<i>Batrachoseps kawia</i> Sequoia slender salamander		G1G2 S1S2	None	None	IUCN:DD	
<i>Batrachoseps luciae</i> Santa Lucia slender salamander		G2G3 S2S3	None	None	IUCN:LC	
+ <i>Batrachoseps major aridus</i> desert slender salamander		G4T1 S1	Endangered	Endangered		
<i>Batrachoseps minor</i> lesser slender salamander		G1G2 S1S2	None	None	IUCN:DD	
+ <i>Batrachoseps pacificus</i> Channel Islands slender salamander		G3QT2 S2	None	None	IUCN:LC	
+ <i>Batrachoseps regius</i> Kings River slender salamander		G1 S1	None	None	IUCN:VU	
+ <i>Batrachoseps relictus</i> relictual slender salamander		G2 S2	None	None	DFG:SSC IUCN:DD USFS:S	
+ <i>Batrachoseps robustus</i> Kern Plateau salamander		G2 S2	None	None	IUCN:NT USFS:S	
+ <i>Batrachoseps simatus</i> Kern Canyon slender salamander		G2 S2	None	Threatened	IUCN:VU USFS:S	
+ <i>Batrachoseps sp. 1</i> Breckenridge Mountain slender salamander		G1Q S1	None	None	DFG:SSC USFS:S	
+ <i>Batrachoseps stebbinsi</i> Tehachapi slender salamander		G2 S2	None	Threatened	BLM:S IUCN:VU USFS:S	
+ <i>Ensatina eschscholtzii croceator</i> yellow-blotched salamander		G5T2T3 S2S3	None	None	BLM:S DFG:SSC USFS:S	
+ <i>Ensatina klauberi</i> large-blotched salamander		G5 S2S3	None	None	DFG:SSC USFS:S	
+ <i>Hydromantes brunus</i> limestone salamander		G1 S1	None	Threatened	DFG:FP IUCN:VU USFS:S	
+ <i>Hydromantes platycephalus</i> Mount Lyell salamander		G3 S3	None	None	DFG:SSC IUCN:LC	

Special Animals List - January 2011

Amphibians

Species	Comment	Rank	ESA	CESA	Other Status	Notes
PLETHODONTIDAE (lungless salamanders)						
+ <i>Hydromantes shastae</i> Shasta salamander		G1G2 S1S2	None	Threatened	BLM:S IUCN:VU USFS:S	
+ <i>Hydromantes sp. 1</i> Owens Valley web-toed salamander (AKA Oak Creek salamander)		G1Q S1	None	None	DFG:SSC	
+ <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	DFG:SSC 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 S2S3	None	None	DFG:SSC IUCN:LC	
SCAPHIOPODIDAE (spadefoot toads)						
+ <i>Scaphiopus couchii</i> Couch's spadefoot		G5 S2S3	None	None	BLM:S DFG:SSC IUCN:LC	
+ <i>Spea hammondi</i> western spadefoot		G3 S3	None	None	BLM:S DFG:SSC IUCN:NT	
BUFONIDAE (true toads)						
+ <i>Anaxyrus californicus</i> arroyo toad		G2G3 S2S3	Endangered	None	DFG:SSC IUCN:EN	Yes
+ <i>Anaxyrus canorus</i> Yosemite toad		G2 S2	Candidate	None	DFG:SSC IUCN:EN USFS:S	Yes
+ <i>Anaxyrus exsul</i> black toad		G1Q S1	None	Threatened	DFG:FP IUCN:VU	Yes
+ <i>Incilius alvarius</i> Sonoran desert toad		G5 SH	None	None	DFG:SSC IUCN:LC	Yes
RANIDAE						
+ <i>Lithobates pipiens</i> northern leopard frog	(Native populations only)	G5 S2	None	None	DFG:SSC IUCN:LC USFS:S	Yes
+ <i>Lithobates yavapaiensis</i> lowland (=Yavapai, San Sebastian & San Felipe) leopard frog		G4 SX	None	None	BLM:S DFG:SSC IUCN:LC	Yes
+ <i>Rana aurora</i> northern red-legged frog		G4T4 S2?	None	None	DFG:SSC USFS:S	Yes
+ <i>Rana boylei</i> foothill yellow-legged frog		G3 S2S3	None	None	BLM:S DFG:SSC IUCN:NT USFS:S	
+ <i>Rana cascadae</i> Cascades frog		G3G4 S3	None	None	DFG:SSC IUCN:NT USFS:S	
+ <i>Rana draytonii</i> California red-legged frog		G4T2T3 S2S3	Threatened	None	DFG:SSC IUCN:VU	Yes
+ <i>Rana muscosa</i> Sierra Madre yellow-legged frog		G1 S1	Endangered	Candidate Endangered	DFG:SSC IUCN:EN USFS:S	Yes
+ <i>Rana pretiosa</i> Oregon spotted frog		G2 S1	Candidate	None	DFG:SSC IUCN:VU USFS:S	

Special Animals List - January 2011

Amphibians

Species	Comment	Rank	ESA	CESA	Other Status	Notes
RANIDAE						
+ <i>Rana sierrae</i> Sierra Nevada yellow-legged frog		G1 S1	Candidate	Candidate Endangered	DFG:SSC IUCN:EN USFS:S	Yes

Special Animals List - January 2011

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	DFG:SSC IUCN:VU	
EMYDIDAE (box and water turtles)						
+ <i>Emys marmorata</i> western pond turtle		G3G4 S3	None	None	BLM:S DFG:SSC IUCN:VU USFS:S	Yes
TESTUDINIDAE (land tortoises)						
+ <i>Gopherus agassizii</i> desert tortoise		G4 S2	Threatened	Threatened	IUCN:VU	
GEKKONIDAE (geckos)						
+ <i>Coleonyx switaki</i> barefoot gecko		G4 S1	None	Threatened	IUCN:LC	
+ <i>Coleonyx variegatus abbotti</i> San Diego banded gecko		G5T3T4 S2S3	None	None		
CROTAPHYTIDAE (collared & leopard lizards)						
+ <i>Gambelia sila</i> blunt-nosed leopard lizard		G1 S1	Endangered	Endangered	DFG:FP IUCN:EN	
PHRYNOSOMATIDAE (spiny lizards)						
+ <i>Phrynosoma blainvillii</i> coast horned lizard		G4G5 S3S4	None	None	BLM:S DFG:SSC IUCN:LC USFS:S	
+ <i>Phrynosoma mcallii</i> flat-tailed horned lizard		G3 S2	None	None	BLM:S DFG: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 DFG:SSC IUCN:NT	
+ <i>Uma scoparia</i> Mojave fringe-toed lizard		G3G4 S3S4	None	None	BLM:S DFG:SSC IUCN:LC	
XANTUSIIDAE (night lizards)						
+ <i>Xantusia gracilis</i> sandstone night lizard		G1 S1	None	None	DFG:SSC IUCN:VU	
+ <i>Xantusia riversiana</i> island night lizard		G1 S1	Threatened	None	IUCN:LC	
<i>Xantusia sierrae</i> Sierra night lizard		G5T1 S1	None	None	DFG:SSC USFS:S	
SCINCIDAE (skinks)						
+ <i>Plestiodon skiltonianus interparietalis</i> Coronado Island skink		G5T2T3Q S1S2	None	None	BLM:S DFG:SSC	
TEIIDAE (whiptails and relatives)						
+ <i>Aspidoscelis hyperythra</i> orangethroat whiptail		G5 S2	None	None	DFG:SSC IUCN:LC	
+ <i>Aspidoscelis tigris stejnegeri</i> coastal whiptail		G5T3T4 S2S3	None	None		

Special Animals List - January 2011

Reptiles

Species	Comment	Rank	ESA	CESA	Other Status	Notes
ANGUIDAE (alligator lizards)						
+ <i>Elgaria panamintina</i> Panamint alligator lizard		G1G2 S1S2	None	None	BLM:S DFG:SSC IUCN:VU USFS:S	
ANNIELLIDAE (Legless lizards)						
+ <i>Anniella pulchra nigra</i> black legless lizard		G3G4T2T3Q S2	None	None	DFG:SSC USFS:S	
+ <i>Anniella pulchra pulchra</i> silvery legless lizard		G3G4T3T4Q S3	None	None	DFG:SSC USFS:S	
HELODERMATIDAE (venomous lizards)						
+ <i>Heloderma suspectum cinctum</i> banded gila monster		G4T4 S1	None	None	BLM:S DFG: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		G5T2T3 S2S3	None	Threatened	USFS:S	
COLUBRIDAE (egg-laying snakes)						
<i>Bogertophis rosaliae</i> Baja California rat snake		G4 S1	None	None	DFG:SSC IUCN:LC	
+ <i>Diadophis punctatus modestus</i> San Bernardino ringneck snake		G5T2T3 S2?	None	None	USFS:S	
+ <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	DFG:SSC IUCN:LC USFS:S	
+ <i>Lampropeltis zonata (pulchra)</i> California mountain kingsnake (San Diego population)		G4G5 S1S2	None	None	DFG:SSC IUCN:LC USFS:S	
+ <i>Masticophis flagellum ruddocki</i> San Joaquin whipsnake		G5T2T3 S2?	None	None	DFG:SSC	
+ <i>Masticophis lateralis euryxanthus</i> Alameda whipsnake		G4T2 S2	Threatened	Threatened		
<i>Pituophis catenifer pumilus</i> Santa Cruz Island gopher snake		G5T1T2 S1?	None	None	DFG:SSC	
+ <i>Salvadora hexalepis virgulata</i> coast patch-nosed snake		G5T3 S2S3	None	None	DFG:SSC	
NATRICIDAE (live-bearing snakes)						
+ <i>Thamnophis gigas</i> giant garter snake		G2G3 S2S3	Threatened	Threatened	IUCN:VU	
+ <i>Thamnophis hammondi</i> two-striped garter snake		G3 S2	None	None	BLM:S DFG:SSC IUCN:LC USFS:S	
+ <i>Thamnophis hammondi</i> ssp. Santa Catalina garter snake		G3T1? S1	None	None		
+ <i>Thamnophis sirtalis</i> ssp. south coast garter snake	(Coastal plain from Ventura Co. to San Diego Co., from sea level to about 850 m.)	G5T1T2 S1S2	None	None	DFG:SSC	
+ <i>Thamnophis sirtalis tetrataenia</i> San Francisco garter snake		G5T2 S2	Endangered	Endangered	DFG:FP	
VIPERIIDAE (vipers)						
+ <i>Crotalus ruber</i> red-diamond rattlesnake		G4 S2?	None	None	DFG:SSC	

Special Animals List - January 2011

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)	G5T2T3 S2S3	None	None	DFG:SSC	
<i>Aythya americana</i> redhead	(Nesting)	G5 S3?	None	None	DFG: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	DFG:SSC IUCN:LC	
+ <i>Branta hutchinsii leucopareia</i> cackling (=Aleutian Canada) goose	(Wintering)	G5T4 S2	Delisted	None		
<i>Bucephala islandica</i> Barrow's goldeneye	(Nesting)	G5 S1	None	None	DFG:SSC IUCN:LC	
+ <i>Dendrocygna bicolor</i> fulvous whistling-duck	(Nesting)	G5 S1	None	None	DFG:SSC IUCN:LC	
+ <i>Histrionicus histrionicus</i> harlequin duck	(Nesting)	G4 S2	None	None	DFG:SSC IUCN:LC	
PHASIANIDAE (grouse and ptarmigan)						
+ <i>Bonasa umbellus</i> ruffed grouse		G5 S4	None	None	DFG:WL IUCN:LC	
+ <i>Centrocercus urophasianus</i> greater sage-grouse	(Nesting & leks)	G4 S3	Candidate	None	ABC:WLBC BLM:S DFG:SSC IUCN:NT USFS:S	
+ <i>Dendragapus fuliginosus howardi</i> Mount Pinos sooty grouse		G5T1T2 S1S2	None	None	ABC:WLBC DFG:SSC	Yes
<i>Tympanuchus phasianellus columbianus</i> Columbian sharp-tailed grouse		G4T3 SX	None	None	DFG:SSC	
ODONTOPHORIDAE (partridge and quail)						
<i>Callipepla californica catalinensis</i> Catalina California quail		G5T2 S2	None	None	DFG:SSC	
GAVIIDAE (loons)						
<i>Gavia immer</i> common loon	(Nesting)	G5 S1	None	None	DFG:SSC IUCN:LC	
DIOMEDEIDAE (albatross)						
<i>Phoebastria albatrus</i> short-tailed albatross		G1 S1	Endangered	None	ABC:WLBC DFG:SSC IUCN:VU	
HYDROBATIDAE (storm petrels)						
+ <i>Oceanodroma furcata</i> fork-tailed storm-petrel	(Nesting colony)	G5 S1	None	None	DFG:SSC IUCN:LC	
+ <i>Oceanodroma homochroa</i> ashy storm-petrel	(Nesting colony)	G2 S2	None	None	ABC:WLBC DFG:SSC IUCN:EN USFWS:BCC	
+ <i>Oceanodroma melania</i> black storm-petrel	(Nesting colony)	G2 S1	None	None	ABC:WLBC DFG:SSC IUCN:LC	
PELECANIIDAE (pelicans)						
+ <i>Pelecanus erythrorhynchos</i> American white pelican	(Nesting colony)	G3 S1	None	None	DFG:SSC IUCN:LC	
+ <i>Pelecanus occidentalis californicus</i> California brown pelican	(Nesting colony & communal roosts)	G4T3 S1S2	Delisted	Delisted	DFG:FP	
PHALACROCORACIDAE (cormorants)						
+ <i>Phalacrocorax auritus</i> double-crested cormorant	(Nesting colony)	G5 S3	None	None	DFG:WL IUCN:LC	

Special Animals List - January 2011

Birds

Species	Comment	Rank	ESA	CESA	Other Status	Notes
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 S3	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 S1	None	None	DFG:SSC IUCN:LC USFWS:BCC	
+ <i>Nycticorax nycticorax</i> black-crowned night heron	(Nesting colony)	G5 S3	None	None	IUCN:LC	
THRESKIORNITHIDAE (ibises and spoonbills)						
+ <i>Plegadis chihi</i> white-faced ibis	(Nesting colony)	G5 S1	None	None	DFG:WL IUCN:LC	
CICONIIDAE (storks)						
<i>Mycteria americana</i> wood stork		G4 S2?	None	None	DFG:SSC IUCN:LC	
CATHARTIDAE (New World vultures)						
+ <i>Gymnogyps californianus</i> California condor		G1 S1	Endangered	Endangered	ABC:WL BCC CDF:S IUCN:CR	
ACCIPITRIDAE (hawks, kites, harriers, & eagles)						
+ <i>Accipiter cooperii</i> Cooper's hawk	(Nesting)	G5 S3	None	None	DFG:WL IUCN:LC	
+ <i>Accipiter gentilis</i> northern goshawk	(Nesting)	G5 S3	None	None	BLM:S CDF:S DFG:SSC IUCN:LC USFS:S	
+ <i>Accipiter striatus</i> sharp-shinned hawk	(Nesting)	G5 S3	None	None	DFG:WL	
+ <i>Aquila chrysaetos</i> golden eagle	(Nesting & wintering)	G5 S3	None	None	CDF:S DFG:FP DFG:WL IUCN:LC USFWS:BCC	
+ <i>Buteo regalis</i> ferruginous hawk	(Wintering)	G4 S3S4	None	None	DFG:WL IUCN:LC USFWS:BCC	
+ <i>Buteo swainsoni</i> Swainson's hawk	(Nesting)	G5 S2	None	Threatened	ABC:WL BCC IUCN:LC USFS:S USFWS:BCC	
+ <i>Circus cyaneus</i> northern harrier	(Nesting)	G5 S3	None	None	DFG:SSC IUCN:LC	
+ <i>Elanus leucurus</i> white-tailed kite	(Nesting)	G5 S3	None	None	DFG:FP IUCN:LC	
+ <i>Haliaeetus leucocephalus</i> bald eagle	(Nesting & wintering)	G5 S2	Delisted	Endangered	CDF:S DFG:FP IUCN:LC USFS:S USFWS:BCC	
+ <i>Pandion haliaetus</i> osprey	(Nesting)	G5 S3	None	None	CDF:S DFG:WL IUCN:LC	

Special Animals List - January 2011

Birds

Species	Comment	Rank	ESA	CESA	Other Status	Notes
ACCIPITRIDAE (hawks, kites, harriers, & eagles)						
<i>Parabuteo unicinctus</i> Harris' hawk	(Nesting)	G5 S/H	None	None	DFG:WL IUCN:LC	
FALCONIDAE (falcons)						
+ <i>Falco columbarius</i> merlin	(Wintering)	G5 S3	None	None	DFG:WL IUCN:LC	
+ <i>Falco mexicanus</i> prairie falcon	(Nesting)	G5 S3	None	None	DFG:WL IUCN:LC	
+ <i>Falco peregrinus anatum</i> American peregrine falcon	(Nesting)	G4T3 S2	Delisted	Delisted	CDF:S DFG:FP USFWS:BCC	
RALLIDAE (rails, coots, and gallinules)						
+ <i>Coturnicops noveboracensis</i> yellow rail		G4 S1S2	None	None	ABC:WL BCC DFG:SSC IUCN:LC USFWS:BCC	
+ <i>Laterallus jamaicensis coturniculus</i> California black rail		G4T1 S1	None	Threatened	ABC:WL BCC DFG:FP IUCN:NT USFWS:BCC	Yes
+ <i>Rallus longirostris levipes</i> light-footed clapper rail		G5T1T2 S1	Endangered	Endangered	ABC:WL BCC DFG:FP	Yes
+ <i>Rallus longirostris obsoletus</i> California clapper rail		G5T1 S1	Endangered	Endangered	ABC:WL BCC DFG:FP	Yes
+ <i>Rallus longirostris yumanensis</i> Yuma clapper rail		G5T3 S1	Endangered	Threatened	ABC:WL BCC DFG:FP	Yes
GRUIDAE (cranes)						
<i>Grus canadensis canadensis</i> lesser sandhill crane	(Wintering)	G5T4 S3S4	None	None	DFG:SSC	
+ <i>Grus canadensis tabida</i> greater sandhill crane	(Nesting & wintering)	G5T4 S2	None	Threatened	DFG:FP USFS:S	
CHARADRIIDAE (plovers and relatives)						
+ <i>Charadrius alexandrinus nivosus</i> western snowy plover	(Nesting)	G4T3 S2	Threatened	None	ABC:WL BCC DFG:SSC USFWS:BCC	Yes
+ <i>Charadrius montanus</i> mountain plover	(Wintering)	G2 S2?	Proposed Threatened	None	ABC:WL BCC BLM:S DFG:SSC IUCN:NT USFWS:BCC	Yes
HAEMATOPODIDAE (oystercatchers)						
<i>Haematopus bachmani</i> black oystercatcher	(Nesting)	G5 S2	None	None	IUCN:LC USFWS:BCC	
SCOLOPACIDAE (sandpipers and relatives)						
<i>Numenius americanus</i> long-billed curlew	(Nesting)	G5 S2	None	None	ABC:WL BCC DFG:WL IUCN:LC USFWS:BCC	
LARIDAE (gulls and terns)						
+ <i>Chlidonias niger</i> black tern	(Nesting colony)	G4 S2	None	None	DFG:SSC IUCN:LC	
+ <i>Gelochelidon nilotica</i> gull-billed tern	(Nesting colony)	G5 S1	None	None	ABC:WL BCC DFG:SSC	Yes
+ <i>Hydroprogne caspia</i> Caspian tern	(Nesting colony)	G5 S4	None	None	IUCN:LC USFWS:BCC	Yes

Special Animals List - January 2011

Birds

Species	Comment	Rank	ESA	CESA	Other Status	Notes
LARIDAE (gulls and terns)						
+ <i>Larus californicus</i> California gull	(Nesting colony)	G5 S2	None	None	DFG:WL IUCN:LC	
<i>Leucophaeus atricilla</i> laughing gull	(Nesting colony)	G5 SH	None	None	DFG:WL IUCN:LC	
+ <i>Rynchops niger</i> black skimmer	(Nesting colony)	G5 S1S3	None	None	ABC:WL BCC DFG:SSC IUCN:LC USFWS:BCC IUCN:LC	
<i>Sterna forsteri</i> Forster's tern	(Nesting colony)	G5 S4	None	None	USFWS:BCC IUCN:LC	
+ <i>Sternula antillarum browni</i> California least tern	(Nesting colony)	G4T2T3Q S2S3	Endangered	Endangered	ABC:WL BCC DFG:FP	Yes
<i>Thalasseus elegans</i> elegant tern	(Nesting colony)	G2 S1	None	None	ABC:WL BCC DFG:WL IUCN:NT	Yes
ALCIDAE (auklets, puffins, and relatives)						
+ <i>Brachyramphus marmoratus</i> marbled murrelet	(Nesting)	G3G4 S1	Threatened	Endangered	ABC:WL BCC CDF:S IUCN:EN	
+ <i>Cerorhinca monocerata</i> rhinoceros auklet	(Nesting colony)	G5 S3	None	None	DFG:WL IUCN:LC	
+ <i>Fratercula cirrhata</i> tufted puffin	(Nesting colony)	G5 S2	None	None	DFG:SSC IUCN:LC	
<i>Ptychoramphus aleuticus</i> Cassin's auklet	(Nesting colony)	G4 S2S4	None	None	DFG:SSC IUCN:LC USFWS:BCC	
+ <i>Synthliboramphus hypoleucus</i> Xantus' murrelet	(Nesting colony)	G3G4 S3	Candidate	Threatened	ABC:WL BCC IUCN:VU USFWS:BCC	
CUCULIDAE (cuckoos and relatives)						
+ <i>Coccyzus americanus occidentalis</i> western yellow-billed cuckoo	(Nesting)	G5T3Q S1	Candidate	Endangered	USFS:S USFWS:BCC	
STRIGIDAE (owls)						
+ <i>Asio flammeus</i> short-eared owl	(Nesting)	G5 S3	None	None	ABC:WL BCC DFG:SSC IUCN:LC	
+ <i>Asio otus</i> long-eared owl	(Nesting)	G5 S3	None	None	DFG:SSC IUCN:LC	
+ <i>Athene cunicularia</i> burrowing owl	(Burrow sites & some wintering sites)	G4 S2	None	None	BLM:S DFG:SSC IUCN:LC USFWS:BCC	Yes
+ <i>Micrathene whitneyi</i> elf owl	(Nesting)	G5 S1	None	Endangered	ABC:WL BCC IUCN:LC USFWS:BCC	
<i>Otus flammeolus</i> flamulated owl	(Nesting)	G4 S2S4	None	None	ABC:WL BCC IUCN:LC 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	None	ABC:WL BCC CDF:S DFG:SSC IUCN:NT	Yes

Special Animals List - January 2011

Birds

Species	Comment	Rank	ESA	CESA	Other Status	Notes
STRIGIDAE (owls)						
<i>Strix occidentalis occidentalis</i> California spotted owl		G3T3 S3	None	None	ABC:WLBC BLM:S DFG:SSC IUCN:NT USFS:S USFWS:BCC	Yes
APODIDAE (swifts)						
<i>Chaetura vauxi</i> Vaux's swift	(Nesting)	G5 S3	None	None	DFG:SSC IUCN:LC	
+ <i>Cypseloides niger</i> black swift	(Nesting)	G4 S2	None	None	ABC:WLBC DFG:SSC IUCN:LC USFWS:BCC	
TROCHILIDAE (hummingbirds)						
+ <i>Calypte costae</i> Costa's hummingbird	(Nesting)	G5 S3?	None	None	ABC:WLBC IUCN:LC	
<i>Selasphorus rufus</i> rufous hummingbird	(Nesting)	G5 S1S2	None	None	IUCN:LC USFWS:BCC	
<i>Selasphorus sasin</i> Allen's hummingbird	(Nesting)	G5 SNR	None	None	ABC:WLBC IUCN:LC USFWS:BCC	
PICIDAE (woodpeckers)						
+ <i>Colaptes chrysoides</i> gilded flicker		G5 S1	None	Endangered	ABC:WLBC IUCN:LC USFWS:BCC	
<i>Melanerpes lewis</i> Lewis' woodpecker	(Nesting)	G4 SNR	None	None	ABC:WLBC IUCN:LC USFWS:BCC	
+ <i>Melanerpes uropygialis</i> Gila woodpecker		G5 S1S2	None	Endangered	IUCN:LC USFWS:BCC	
<i>Picoides albolarvatus</i> White-headed woodpecker	(Nesting)	G4 SNR	None	None	ABC:WLBC IUCN:LC USFWS:BCC	
<i>Picoides nuttallii</i> Nuttall's woodpecker	(Nesting)	G5 SNR	None	None	ABC:WLBC IUCN:LC USFWS:BCC	
<i>Sphyrapicus ruber</i> red-breasted sapsucker	(Nesting)	G5 SNR	None	None		
TYRANNIDAE (tyrant flycatchers)						
<i>Contopus cooperi</i> olive-sided flycatcher	(Nesting)	G4 S4	None	None	ABC:WLBC DFG:SSC IUCN:NT USFWS:BCC	
+ <i>Empidonax traillii</i> willow flycatcher	(Nesting)	G5 S1S2	None	Endangered	ABC:WLBC IUCN:LC USFS:S USFWS:BCC	Yes
+ <i>Empidonax traillii brewsteri</i> little willow flycatcher	(Nesting)	G5T3T4 S1S2	None	Endangered	ABC:WLBC USFWS:BCC	Yes
+ <i>Empidonax traillii extimus</i> southwestern willow flycatcher	(Nesting)	G5T1T2 S1	Endangered	Endangered	ABC:WLBC	Yes
+ <i>Myiarchus tyrannulus</i> brown-crested flycatcher	(Nesting)	G5 S2S3	None	None	DFG:WL IUCN:LC	
+ <i>Pyrocephalus rubinus</i> vermillion flycatcher	(Nesting)	G5 S2S3	None	None	DFG:SSC IUCN:LC	

Special Animals List - January 2011

Birds

Species	Comment	Rank	ESA	CESA	Other Status	Notes
LANIIDAE (shrikes)						
+ <i>Lanius ludovicianus</i> loggerhead shrike	(Nesting)	G4 S4	None	None	DFG:SSC IUCN:LC USFWS:BCC	
<i>Lanius ludovicianus anthonyi</i> Island loggerhead shrike		G4T1 S1	None	None	DFG:SSC	
+ <i>Lanius ludovicianus mearnsi</i> San Clemente loggerhead shrike		G4T1Q S1	Endangered	None	DFG:SSC	Yes
VIREONIDAE (vireos)						
+ <i>Vireo bellii arizonae</i> Arizona bell's vireo	(Nesting)	G5T4 S1	None	Endangered	ABC:WLBCC IUCN:NT USFWS:BCC	Yes
+ <i>Vireo bellii pusillus</i> least Bell's vireo	(Nesting)	G5T2 S2	Endangered	Endangered	ABC:WLBCC IUCN:NT	Yes
<i>Vireo huttoni unitti</i> Catalina Hutton's vireo		G5T2? S2?	None	None	DFG:SSC	
+ <i>Vireo vicinior</i> gray vireo	(Nesting)	G4 S2	None	None	ABC:WLBCC BLM:S DFG:SSC IUCN:LC USFWS:BCC	
CORVIDAE (jays, crows, and magpies)						
<i>Aphelocoma californica cana</i> Eagle Mountain scrub-jay		G5T1T2 S1S2	None	None	DFG:WL	
<i>Aphelocoma insularis</i> Island scrub-jay		G1 S1	None	None	ABC:WLBCC IUCN:NT USFWS:BCC	
<i>Pica nuttalli</i> yellow-billed magpie	(Nesting & communal roosts)	G3G4 S3S4	None	None	ABC:WLBCC IUCN:LC USFWS:BCC	
ALAUDIDAE (larks)						
+ <i>Eremophila alpestris actia</i> California horned lark		G5T3Q S3	None	None	DFG:WL IUCN:LC	
HIRUNDINIDAE (swallows)						
+ <i>Progne subis</i> purple martin	(Nesting)	G5 S3	None	None	DFG:SSC IUCN:LC	
+ <i>Riparia riparia</i> bank swallow	(Nesting)	G5 S2S3	None	Threatened	IUCN:LC	
PARIDAE (titmice and relatives)						
+ <i>Baeolophus inornatus</i> oak titmouse	(Nesting)	G5 S3?	None	None	ABC:WLBCC IUCN:LC USFWS:BCC	
<i>Poecile atricapillus</i> black-capped chickadee		G5 S3	None	None	DFG:WL IUCN:LC	
TROGLODYTIDAE (wrens)						
+ <i>Campylorhynchus brunneicapillus sandiegensis</i> coastal cactus wren	(San Diego & Orange Counties only)	G5T3Q S3	None	None	DFG:SSC USFS:S USFWS:BCC	Yes
<i>Cistothorus palustris clarkae</i> Clark's marsh wren		G5T2T3 S2S3	None	None	DFG:SSC	
<i>Thryomanes bewickii leucophrys</i> San Clemente Bewick's wren		G5TX SX	None	None	DFG:SSC	
SYLVIIDAE (gnatcatchers)						
+ <i>Poliophtila californica californica</i> coastal California gnatcatcher		G3T2 S2	Threatened	None	ABC:WLBCC DFG:SSC	Yes
+ <i>Poliophtila melanura</i> black-tailed gnatcatcher		G5 S4	None	None	IUCN:LC	

Special Animals List - January 2011

Birds

Species	Comment	Rank	ESA	CESA	Other Status	Notes
MIMIDAE (mockingbirds and thrashers)						
+ <i>Toxostoma bendirei</i> Bendire's thrasher		G4G5 S3	None	None	ABC:WLBC BLM:S DFG:SSC IUCN:VU USFWS:BCC	
+ <i>Toxostoma crissale</i> Crissal thrasher		G5 S3	None	None	DFG:SSC IUCN:LC	
+ <i>Toxostoma lecontei</i> Le Conte's thrasher		G3 S3	None	None	ABC:WLBC DFG:SSC IUCN:LC USFWS:BCC	Yes
PARULIDAE (wood-warblers)						
<i>Dendroica occidentalis</i> hermit warbler	(Nesting)	G4G5 S3?	None	None	ABC:WLBC IUCN:LC	
+ <i>Dendroica petechia brewsteri</i> yellow warbler	(Nesting)	G5T3? S2	None	None	DFG:SSC USFWS:BCC	
+ <i>Dendroica petechia sonorana</i> Sonoran yellow warbler	(Nesting)	G5T2T3 S1	None	None	DFG:SSC USFWS:BCC	
+ <i>Geothlypis trichas sinuosa</i> saltmarsh common yellowthroat		G5T2 S2	None	None	DFG:SSC USFWS:BCC	Yes
+ <i>Icteria virens</i> yellow-breasted chat	(Nesting)	G5 S3	None	None	DFG:SSC IUCN:LC	
+ <i>Oreothlypis luciae</i> Lucy's warbler	(Nesting)	G5 S2S3	None	None	ABC:WLBC DFG:SSC IUCN:LC USFWS:BCC	
+ <i>Oreothlypis virginiae</i> Virginia's warbler	(Nesting)	G5 S2S3	None	None	ABC:WLBC DFG:WL IUCN:LC USFWS:BCC	
EMBERIZIDAE (sparrows, buntings, warblers, & relatives)						
+ <i>Aimophila ruficeps canescens</i> southern California rufous-crowned sparrow		G5T2T4 S2S3	None	None	DFG:WL	
<i>Aimophila ruficeps obscura</i> Santa Cruz Island rufous-crowned sparrow		G5T2T3 S2S3	None	None	DFG:SSC	
+ <i>Ammodramus savannarum</i> grasshopper sparrow	(Nesting)	G5 S2	None	None	DFG:SSC IUCN:LC	
+ <i>Amphispiza belli belli</i> Bell's sage sparrow		G5T2T4 S2?	None	None	ABC:WLBC DFG:WL USFWS:BCC	Yes
+ <i>Amphispiza belli clementeae</i> San Clemente sage sparrow		G5T1Q S1	Threatened	None	ABC:WLBC DFG:SSC USFWS:BCC	Yes
+ <i>Chondestes grammacus</i> lark sparrow	(Nesting)	G5 SNR	None	None	IUCN:LC	
+ <i>Junco hyemalis caniceps</i> gray-headed junco	(Nesting)	G5T5 S1	None	None	DFG:WL	
<i>Melospiza melodia</i> song sparrow ("Modesto" population)		G5 S3?	None	None	DFG:SSC	
<i>Melospiza melodia graminea</i> Channel Island song sparrow		G5T1 S1	None	None	DFG:SSC USFWS:BCC	Yes
+ <i>Melospiza melodia maxillaris</i> Suisun song sparrow		G5T2 S2	None	None	DFG:SSC USFWS:BCC	
+ <i>Melospiza melodia pusillula</i> Alameda song sparrow		G5T2? S2?	None	None	DFG:SSC USFWS:BCC	

Special Animals List - January 2011

Birds

Species	Comment	Rank	ESA	CESA	Other Status	Notes
EMBERIZIDAE (sparrows, buntings, warblers, & relatives)						
+ <i>Melospiza melodia samuelis</i> San Pablo song sparrow		G5T2? S2?	None	None	DFG:SSC USFWS:BCC	
<i>Melozona aberti</i> Abert's towhee		G3G4 S2?	None	None	ABC:WLBC IUCN:LC	
+ <i>Melozona crissalis eremophilus</i> Inyo California towhee		G4G5T1 S1	Threatened	Endangered		
<i>Passerculus sandwichensis alaudinus</i> Bryant's savannah sparrow		G5T2T3 S2S3	None	None	DFG: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	DFG:SSC	
<i>Pipilo maculatus clementae</i> San Clemente spotted towhee		G5T1 S1	None	None	DFG:SSC USFWS:BCC	
+ <i>Piranga flava</i> hepatic tanager	(Nesting)	G5 S1	None	None	DFG:WL IUCN:LC	Yes
+ <i>Piranga rubra</i> summer tanager	(Nesting)	G5 S2	None	None	DFG:SSC IUCN:LC	Yes
<i>Poocetes gramineus affinis</i> Oregon vesper sparrow	(Wintering)	G5T3? S3?	None	None	DFG:SSC USFWS:BCC	
<i>Spizella atrogularis</i> black-chinned sparrow	(Nesting)	G5 S3	None	None	ABC:WLBC IUCN:LC USFWS:BCC	
+ <i>Spizella breweri</i> Brewer's sparrow	(Nesting)	G5 S3	None	None	ABC:WLBC IUCN:LC USFWS:BCC	
<i>Spizella passerina</i> chipping sparrow	(Nesting)	G5 S3S4	None	None	IUCN:LC	
CARDINALIDAE (cardinals)						
+ <i>Cardinalis cardinalis</i> northern cardinal		G5 S1	None	None	DFG:WL IUCN:LC	
ICTERIDAE (blackbirds)						
<i>Agelaius phoeniceus aciculatus</i> Kern red-winged blackbird		G5T1T2 S1S2	None	None	DFG:SSC	
+ <i>Agelaius tricolor</i> tricolored blackbird	(Nesting colony)	G2G3 S2	None	None	ABC:WLBC BLM:S DFG:SSC IUCN:EN USFWS:BCC	
+ <i>Xanthocephalus xanthocephalus</i> yellow-headed blackbird	(Nesting)	G5 S3S4	None	None	DFG:SSC IUCN:LC	
FRINGILLIDAE (finches and relatives)						
+ <i>Spinus lawrencei</i> Lawrence's goldfinch	(Nesting)	G3G4 S3	None	None	ABC:WLBC IUCN:LC USFWS:BCC	

Special Animals List - January 2011

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	DFG:SSC	
SORICIDAE (shrews)						
+ <i>Sorex lyelli</i> Mount Lyell shrew		G2G3 S2S3	None	None	DFG:SSC IUCN:LC	
+ <i>Sorex ornatus relictus</i> Buena Vista Lake shrew		G5T1 S1	Endangered	None	DFG:SSC	
<i>Sorex ornatus salarius</i> Monterey shrew		G5T1T2 S1S2	None	None	DFG:SSC	
+ <i>Sorex ornatus salicornicus</i> southern California saltmarsh shrew		G5T1? S1	None	None	DFG:SSC	
+ <i>Sorex ornatus sinuosus</i> Suisun shrew		G5T1 S1	None	None	DFG:SSC	
+ <i>Sorex ornatus willetti</i> Santa Catalina shrew		G5T1 S1	None	None	DFG:SSC	
+ <i>Sorex vagrans halicoetes</i> salt-marsh wandering shrew		G5T1 S1	None	None	DFG: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	DFG:SSC IUCN:NT WBWG:H	
<i>Leptonycteris yerbabuena</i> lesser long-nosed bat		G4 S1	Endangered	None	IUCN:VU	Yes
+ <i>Macrotus californicus</i> California leaf-nosed bat		G4 S2S3	None	None	BLM:S DFG:SSC IUCN:LC USFS:S WBWG:H	
VESPERTILIONIDAE (evening bats)						
+ <i>Antrozous pallidus</i> pallid bat		G5 S3	None	None	BLM:S DFG:SSC IUCN:LC USFS:S WBWG:H	
+ <i>Corynorhinus townsendii</i> Townsend's big-eared bat		G4 S2S3	None	None	BLM:S DFG:SSC IUCN:LC USFS:S WBWG:H	
+ <i>Euderma maculatum</i> spotted bat		G4 S2S3	None	None	BLM:S DFG: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	DFG:SSC IUCN:LC USFS:S 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	DFG:SSC IUCN:LC WBWG:H	Yes

Special Animals List - January 2011

Mammals

Species	Comment	Rank	ESA	CESA	Other Status	Notes
VESPERTILIONIDAE (evening bats)						
+ <i>Myotis ciliolabrum</i> western small-footed myotis		G5 S2S3	None	None	BLM:S IUCN:LC WBWG:M	
+ <i>Myotis evotis</i> long-eared myotis		G5 S4?	None	None	BLM:S IUCN:LC WBWG:M	
<i>Myotis lucifugus</i> little brown bat	(San Bernardino Mts population)	G5 S2S3	None	None	IUCN:LC WBWG:M	
+ <i>Myotis occultus</i> Arizona Myotis		G3G4 S2S3	None	None	DFG:SSC IUCN:LC WBWG:M	
+ <i>Myotis thysanodes</i> fringed myotis		G4G5 S4	None	None	BLM:S IUCN:LC WBWG:H	
+ <i>Myotis velifer</i> cave myotis		G5 S1	None	None	BLM:S DFG:SSC IUCN:LC WBWG:M	
+ <i>Myotis volans</i> long-legged myotis		G5 S4?	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 S3?	None	None	BLM:S DFG:SSC WBWG:H	
+ <i>Nyctinomops femorosaccus</i> pocketed free-tailed bat		G4 S2S3	None	None	DFG:SSC IUCN:LC WBWG:M	
+ <i>Nyctinomops macrotis</i> big free-tailed bat		G5 S2	None	None	DFG: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 DFG:SSC IUCN:LC	
+ <i>Lepus americanus klamathensis</i> Oregon snowshoe hare		G5T3T4Q S2?	None	None	DFG:SSC	
+ <i>Lepus americanus tahoensis</i> Sierra Nevada snowshoe hare		G5T3T4Q S2?	None	None	DFG:SSC	
+ <i>Lepus californicus bennettii</i> San Diego black-tailed jackrabbit		G5T3? S3?	None	None	DFG:SSC	
+ <i>Lepus townsendii townsendii</i> western white-tailed jackrabbit		G5T5 S3?	None	None	DFG: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	DFG:SSC IUCN:LC	Yes
+ <i>Aplodontia rufa nigra</i> Point Arena mountain beaver		G5T1 S1	Endangered	None	DFG:SSC IUCN:LC	Yes
+ <i>Aplodontia rufa phaea</i> Point Reyes mountain beaver		G5T2 S2	None	None	DFG:SSC IUCN:LC	Yes

Special Animals List - January 2011

Mammals

Species	Comment	Rank	ESA	CESA	Other Status	Notes
SCIURIDAE (squirrels and relatives)						
+ <i>Ammospermophilus nelsoni</i> Nelson's antelope squirrel		G2 S2	None	Threatened	IUCN:EN	
<i>Callospermophilus lateralis bernardinus</i> San Bernardino ground squirrel		G5T1 S1	None	None		
+ <i>Glaucomys sabrinus californicus</i> San Bernardino flying squirrel		G5T2T3 S2S3	None	None	DFG:SSC USFS:S	
+ <i>Neotamias panamintinus acrus</i> Kingston Mountain chipmunk		G4T1T2 S1S2	None	None		
+ <i>Neotamias speciosus callipeplus</i> Mount Pinos chipmunk		G4T1T2 S1S2	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	IUCN:VU	
+ <i>Xerospermophilus tereticaudus chlorus</i> Palm Springs round-tailed ground squirrel		G5T1T2 S1S2	None	None	DFG: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 S2?	None	None	DFG:SSC	
+ <i>Chaetodipus fallax fallax</i> northwestern San Diego pocket mouse		G5T3 S2S3	None	None	DFG:SSC	Yes
+ <i>Chaetodipus fallax pallidus</i> pallid San Diego pocket mouse		G5T3 S3	None	None	DFG:SSC	Yes
+ <i>Dipodomys californicus eximius</i> Marysville California kangaroo rat		G4T1 S1	None	None	BLM:S DFG: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		G3G4T1 S1	Endangered	Endangered	DFG:FP	
+ <i>Dipodomys ingens</i> giant kangaroo rat		G2 S2	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	DFG:SSC	
+ <i>Dipodomys nitratooides brevinasus</i> short-nosed kangaroo rat		G3T1T2 S1S2	None	None	BLM:S DFG:SSC IUCN:VU	
+ <i>Dipodomys nitratooides exilis</i> Fresno kangaroo rat		G3T1 S1	Endangered	Endangered	IUCN:VU	
+ <i>Dipodomys nitratooides nitratooides</i> Tipton kangaroo rat		G3T1 S1	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		
+ <i>Dipodomys stephensi</i> Stephens' kangaroo rat		G2 S2	Endangered	Threatened	IUCN:EN	
+ <i>Dipodomys venustus elephantinus</i> big-eared kangaroo rat		G3G4T2 S2	None	None	DFG:SSC	

Special Animals List - January 2011

Mammals

Species	Comment	Rank	ESA	CESA	Other Status	Notes
HETEROMYIDAE (kangaroo rats, pockets mice, & kangaroo mice)						
+ <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 DFG:SSC IUCN:EN USFS:S	Yes
+ <i>Perognathus alticolus inexpectatus</i> Tehachapi pocket mouse		G1G2T1T2 S1S2	None	None	DFG:SSC IUCN:EN USFS:S	Yes
+ <i>Perognathus inornatus inornatus</i> San Joaquin pocket mouse		G4T2T3 S2S3	None	None	BLM:S	
<i>Perognathus inornatus neglectus</i> McKittrick pocket mouse		G4T2T3 S2S3	None	None		
+ <i>Perognathus inornatus psammophilus</i> Salinas pocket mouse		G4T2? S2?	None	None	DFG:SSC	
+ <i>Perognathus longimembris bangsi</i> Palm Springs pocket mouse		G5T2T3 S2S3	None	None	BLM:S DFG:SSC	
+ <i>Perognathus longimembris brevinasus</i> Los Angeles pocket mouse		G5T1T2 S1S2	None	None	DFG:SSC USFS:S	
+ <i>Perognathus longimembris internationalis</i> Jacumba pocket mouse		G5T2T3 S1S2	None	None	DFG:SSC	
+ <i>Perognathus longimembris pacificus</i> Pacific pocket mouse		G5T1 S1	Endangered	None	DFG: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 S2S3	None	None	DFG:SSC IUCN:LC	
+ <i>Arborimus pomo</i> Sonoma tree vole		G3 S3	None	None	DFG: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	DFG:SSC	
+ <i>Microtus californicus sanpabloensis</i> San Pablo vole		G5T1T2 S1S2	None	None	DFG: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	DFG:SSC	
+ <i>Microtus californicus vallicola</i> Owens Valley vole		G5T1 S1	None	None	BLM:S DFG: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	DFG:SSC	
+ <i>Neotoma fuscipes riparia</i> riparian (=San Joaquin Valley) woodrat		G5T1Q S1	Endangered	None	DFG:SSC	Yes
+ <i>Neotoma lepida intermedia</i> San Diego desert woodrat		G5T3? S3?	None	None	DFG:SSC	
+ <i>Neotoma macrotis luciana</i> Monterey dusky-footed woodrat		G5T3? S3?	None	None	DFG:SSC IUCN:DD	

Special Animals List - January 2011

Mammals

Species	Comment	Rank	ESA	CESA	Other Status	Notes
MURIDAE (mice, rats, and voles)						
+ <i>Onychomys torridus ramona</i> southern grasshopper mouse		G5T3? S3?	None	None	DFG:SSC	
+ <i>Onychomys torridus tularensis</i> Tulare grasshopper mouse		G5T1T2 S1S2	None	None	BLM:S DFG:SSC	
+ <i>Peromyscus maniculatus anacapae</i> Anacapa Island deer mouse		G5T1T2 S1S2	None	None	DFG:SSC	
<i>Peromyscus maniculatus clementis</i> San Clemente deer mouse		G5T1T2 S1S2	None	None	DFG: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	DFG:FP IUCN:EN	
+ <i>Sigmodon arizonae plenus</i> Colorado River cotton rat		G5T2T3 SH	None	None	DFG:SSC	
+ <i>Sigmodon hispidus eremicus</i> Yuma hispid cotton rat		G5T2T3 S2	None	None	DFG:SSC	
DIPODIDAE (jumping mice)						
+ <i>Zapus trinotatus orarius</i> Point Reyes jumping mouse		G5T1T3Q S1S3	None	None	DFG:SSC	
CANIDAE (foxes, wolves, and coyotes)						
<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		G4T2T3 S2S3	Endangered	Threatened		
+ <i>Vulpes vulpes necator</i> Sierra Nevada red fox		G5T3 S1	None	Threatened	USFS:S	
MUSTELIDAE (weasels and relatives)						
+ <i>Enhydra lutris nereis</i> southern sea otter		G4T2 S2	Threatened	None	DFG:FP IUCN:EN MMC:SSC	Yes
+ <i>Gulo gulo</i> California wolverine		G4 S1	Candidate	Threatened	DFG:FP IUCN:NT USFS:S	
+ <i>Lontra canadensis sonora</i> southwestern river otter		G5T1 S1	None	None	DFG:SSC	
+ <i>Martes americana</i> American (=pine) marten		G5 S3S4	None	None	IUCN:LC USFS:S	
+ <i>Martes americana humboldtensis</i> Humboldt marten		G5T2T3 S2S3	None	None	DFG:SSC USFS:S	
+ <i>Martes americana sierrae</i> Sierra marten		G5T3T4 S3S4	None	None	USFS:S	
+ <i>Martes pennanti (pacifica) DPS</i> Pacific fisher		G5 S2S3	Candidate	None	BLM:S DFG:SSC USFS:S	Yes

Special Animals List - January 2011

Mammals

Species	Comment	Rank	ESA	CESA	Other Status	Notes
MUSTELIDAE (weasels and relatives)						
+ <i>Taxidea taxus</i> American badger		G5 S4	None	None	DFG:SSC IUCN:LC	
MEPHITIDAE (skunks)						
+ <i>Spilogale gracilis amphiala</i> Channel Islands spotted skunk		G5T3 S3	None	None	DFG: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	DFG:SSC	
OTARIIDAE (sea lions and fur seals)						
+ <i>Arctocephalus townsendi</i> Guadalupe fur-seal		G1 S1	Threatened	Threatened	DFG: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	Threatened	None	IUCN:EN MMC:SSC	
BOVIDAE (sheep and relatives)						
+ <i>Ovis canadensis nelsoni</i> Nelson's bighorn sheep		G4T4 S3	None	None	BLM:S USFS:S	
+ <i>Ovis canadensis nelsoni DPS</i> peninsular bighorn sheep		G4T3Q S1	Endangered	Threatened	DFG:FP	Yes
+ <i>Ovis canadensis sierrae</i> Sierra Nevada bighorn sheep		G4T1 S1	Endangered	Endangered	DFG:FP	

End Notes

Invertebrates

INSECTA, Order Coleoptera (beetles)

Trigonoscuta sp.

Doyen's trigonoscuta dune weevil

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

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.

Oncorhynchus mykiss irideus

southern 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.

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.

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.
-

Fishes

SALMONIDAE (trout & salmon)

Oncorhynchus tshawytscha

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.

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.

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

PLETHODONTIDAE (lungless salamanders)

Plethodon asupak

Scott Bar salamander

- 1) Newly described species from what was part of the range of *Plethodon stormi*.
- 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.

BUFONIDAE (true toads)

Anaxyrus californicus

arroyo toad

- 1) Formerly *Bufo microscaphus californicus*, now considered a full species.
 - 2) Formerly *Bufo californicus*; 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 arroyo toad.
-

Amphibians

BUFONIDAE (true toads)

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.

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.

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 (=Yavapai, San Sebastian & San Felipe) 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

Sierra Madre yellow-legged frog

- 1) Federal listing refers to populations in the San Gabriel, San Jacinto, & San Bernardino Mountains only.
- 2) Federal Candidate status refers to all populations that occur north of the Tehachapi Mountains in the Sierra Nevada.
- 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 Sierra Madre yellow-legged frog, found in the southern Sierra Nevada and southern California.
- 4) *Rana muscosa* was petitioned to be listed as endangered. It is now a state candidate species for listing as threatened or endangered.

Rana sierrae

Sierra Nevada yellow-legged frog

- 1) Federal candidate status refers to all populations that occur north of the Tehachapi Mountains in the Sierra Nevada.
 - 2) 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 Sierra Madre yellow-legged frog, found in the southern Sierra Nevada and southern California.
 - 3) *Rana sierrae* was petitioned to be listed as endangered. It is now a state candidate for listing as threatened or endangered.
-

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*.

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)

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.
-

Birds

CHARADRIIDAE (plovers and relatives)

Charadrius montanus

mountain plover

- 1) The June 29, 2010 proposed rule reinstates that portion of the December 5, 2002 proposed rule concerning the listing of the mountain plover as threatened. It does not reinstate the portion of that proposed rule regarding a special rule under section 4(d) of the Endangered Species Act.

LARIDAE (gulls and terns)

Gelochelidon nilotica

gull-billed tern

- 1) Taxonomy recently changed from *Sterna nilotica*

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*

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.

SYLVIIDAE (gnatcatchers)

Polioptila 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

EMBERIZIDAE (sparrows, buntings, warblers, & relatives)

Amphispiza belli belli

Bell's sage sparrow

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

Amphispiza belli clementae

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.

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*.

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.
-

Birds

EMBERIZIDAE (sparrows, buntings, warblers, & relatives)

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.

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.

HETEROMYIDAE (kangaroo rats, pocket 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.
-

Mammals

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.

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.

Martes pennanti (pacific) DPS

Pacific fisher

- 1) The subspecies *pacific* is no longer considered a valid subspecies. The Pacific fisher is now considered to be a distinct population segment (DPS).
- 2) Federal candidate status refers to the distinct population segment in Washington, Oregon & California.
- 3) Was a candidate for state listing as an endangered or threatened species. The Fish and Game Commission at its Jun3 23, 2010 meeting determined that listing was not warranted.

BOVIDAE (sheep and relatives)

Ovis canadensis nelsoni DPS

peninsular bighorn sheep

- 1) The subspecies *O. c. cremnobates* has been synonymized with *O. c. nelsoni*. Peninsular bighorn sheep are now considered to be a Distinct Population Segment (DPS).
-