

APPENDIX I
ANIMAL AND PLANT SPECIES LIST

Complete List of Amphibian, Reptile, Bird and Mammal Species in California

**California Department of Fish and Game
Sept. 2008 (updated)**

This list represents all of the native or introduced amphibian, reptile, bird and mammal species known in California. Introduced species are marked with “I”, harvest species with “HA”, and vagrant species or species with extremely limited distributions with *. The term “introduced”, as used here, represents both accidental and intentional introductions.

Subspecies are not included on this list. The most current list of species and subspecies with special management status is available from the [California Natural Diversity Database \(CNDDDB\)](#)

Taxonomy and nomenclature used within the list are the same as those used within both the CNDDDB and CWHR software programs and data sets. If a discrepancy exists between this list and the ones produced by CNDDDB, the CNDDDB list can be presumed to be more accurate as it is updated more frequently than the CWHR data set.

AMPHIBIA

(Amphibians)

CAUDATA

(Salamanders)

AMBYSTOMATIDAE

(Mole Salamanders and Relatives)

Long-toed Salamander

Ambystoma macrodactylum

Tiger Salamander

Ambystoma tigrinum 1

California Tiger Salamander

Ambystoma californiense

Northwestern Salamander

Ambystoma gracile

RHYACOTRITONIDAE

(Torrent or Seep Salamanders)

Southern Torrent Salamander

Rhyacotriton variegatus

DICAMPTODONTIDAE

(Giant and Olympic Salamanders)

California Giant Salamander

Dicamptodon ensatus

Pacific Giant Salamander

Dicamptodon tenebrosus

SALAMANDRIDAE

(Newts)

California Newt

Taricha torosa

Red-bellied Newt

Taricha rivularis

Rough-skinned Newt

Taricha granulosa

PLETHODONTIDAE

(Lungless Salamanders)

Mount Lyell Salamander

Hydromantes platycephalus

Black-bellied Slender Salamander

Batrachoseps nigriventris

Channel Islands Slender Salamander

Batrachoseps pacificus

San Gabriel Mtns Slender Salamander

Batrachoseps gabrieli

Gabilan Mtns Slender Salamander

Batrachoseps gavilanensis

Santa Lucia Mtns Slender Salamander

Batrachoseps luciae

Lesser Slender Salamander

Batrachoseps minor

San Simeon Slender Salamander

Batrachoseps incognitus

Sequoia Slender Salamander

Batrachoseps kawia

Relictual Slender Salamander

Batrachoseps relictus

California Slender Salamander

Batrachoseps attenuatus

Owen's Valley Web-toed Salamander

Hydromantes sp. 1

Shasta Salamander

Hydromantes shastae

Kern Canyon Slender Salamander

Batrachoseps simatus

Limestone Salamander

Hydromantes brunus

Gregarius Slender Salamander

Batrachoseps gregarius

Hell Hollow Slender Salamander

Batrachoseps diabolicus

Breckenridge Mtn Slender Salamander

Batrachoseps sp. 1 *

Kings River Slender Salamander

Batrachoseps regius

Scott Bar Salamander

Plethodon asupak

Garden Slender Salamander

Batrachoseps major (aridus now

Wandering Salamander

Aneides vagrans

Tehachapi Slender Salamander

Batrachoseps stebbinsi

Large-blotched Ensatina

Ensatina klauberi

Dunn's Salamander

Plethodon dunnii

Del Norte Salamander

Plethodon elongatus

Siskiyou Mountains Salamander

Plethodon stormi

Black Salamander

Aneides flavipunctatus

Clouded Salamander

Aneides ferreus

Arboreal Salamander

Aneides lugubris

Ensatina

Ensatina eschscholtzii

Kern Plateau Salamander

Batrachoseps robustus

Inyo Mountains Salamander

Batrachoseps campi

ANURA

(Frogs and Toads)

ASCAPHIDAE

Western Tailed Frog

(Tailed Frogs)

Ascaphus truei

PELOBATIDAE

Great Basin Spadefoot
Couch's Spadefoot
Western Spadefoot

(Spadefoot Toads)

Spea intermontana
Scaphiopus couchii
Spea hammondi

BUFONIDAE

Western Toad
Great Plains Toad
Red-spotted Toad
Arroyo Toad
Woodhouse's Toad
Black Toad
Sonoran Desert (Colorado River) Toad
Yosemite Toad

(True Toads)

Bufo boreas
Bufo cognatus
Bufo punctatus
Bufo californicus
Bufo woodhousii
Bufo exsul
Bufo alvarius
Bufo canorus

HYLIDAE

California Treefrog
Pacific Treefrog

(Tree Frogs and Relatives)

Hyla cadaverina
Hyla regilla

RANIDAE

Sierra Madre Yellow-legged Frog
Sierra Nevada Yellow-legged Frog
Foothill Yellow-legged Frog
Bullfrog
Northern Leopard Frog
Cascades Frog
African Clawed Frog
Rio Grande Leopard Frog
Northern Red-legged Frog
California Red-legged Frog
Oregon Spotted Frog
Lowland Leopard Frog
Southern Leopard Frog

(True Frogs)

Rana muscosa
Rana sierrae
Rana boylei
Rana catesbeiana |
Rana pipiens |
Rana cascadae
Xenopus laevis |
Rana berlandieri |
Rana aurora
Rana draytonii
Rana pretiosa
Rana yavapaiensis *
Rana sphenoccephala

REPTILIA

(Reptiles)

TESTUDINES

(Turtles)

CHELYDRIDAE

Snapping Turtle

(Snapping Turtles)

Chelydra serpentina |

KINOSTERNIDAE

Sonora Mud Turtle

(Musk and Mud Turtles)

Kinosternon sonoriense *

EMYDIDAE

Western Pond Turtle
Painted Turtle
Pond Slider

(Box and Water Turtles)

Emys marmorata
Chrysemys picta |
Trachemys scripta |

TESTUDINIDAE

Desert Tortoise

(True Land Tortoises)

Gopherus agassizii

CHELONIIDAE

Hawksbill
Olive Ridley
Loggerhead
Green Turtle

(Sea Turtles)

Eretmochelys imbricata *
Lepidochelys olivacea *
Caretta caretta *
Chelonia mydas *

DERMOCHELYIDAE

Leatherback

(Leatherback Turtles)

Dermochelys coriacea *

TRIONYCHIDAE

Spiny Softshell

(Softshell Turtles)*Trionyx spiniferus*

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SQUAMATA**(Lizards and Snakes)****GEKKONIDAE**Moorish Wall Gecko
Mediterranean House Gecko
Leaf-toed Gecko
Western Banded Gecko
Barefoot Gecko**(Geckos)***Tarentola mauritanica*
Hemidactylus turcicus
Phyllodactylus xanti
Coleonyx variegatus
Coleonyx switaki

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IGUANIDAEDesert Iguana
Common Chuckwalla**(Iguanids)***Dipsosaurus dorsalis*
*Sauromalus ater***CROTOPHYTIDAE**Cope's Leopard Lizard
Baja California Collared Lizard
Long-nosed Leopard Lizard
Blunt-nosed Leopard Lizard
Mojave Black-collared Lizard**(Collared and Leopard Lizards)***Gambelia copeii*
Crotaphytus vestigium
Gambelia wislizenii
Gambelia sila
*Crotaphytus bicinctores***PHRYNOSOMATIDAE**Pigmy Short-horned Lizard
Desert Horned Lizard
Desert Spiny Lizard
Coast Horned Lizard
Banded Rock Lizard
Baja California Brush Lizard
Ornate Tree Lizard
Long-tailed Brush Lizard
Flat-tailed Horned Lizard
Common Side-blotched Lizard
Western Fence Lizard
Granite Spiny Lizard
Mojave Fringe-toed Lizard
Coachella Valley Fringe-toed Lizard
Colorado Desert Fringe-toed Lizard
Zebra-tailed Lizard
Sagebrush Lizard*Phrynosoma douglassi*
Phrynosoma platyrhinos
Sceloporus magister
Phrynosoma coronatum
Petrosaurus mearnsi
Urosaurus nigricaudus
Urosaurus ornatus
Urosaurus graciosus
Phrynosoma mcallii
Uta stansburiana
Sceloporus occidentalis
Sceloporus orcutti
Uma scoparia
Uma inornata
Uma notata
Callisaurus draconoides
*Sceloporus graciosus***XANTUSIIDAE**Island Night Lizard
Desert Night Lizard
Henshaw's Night Lizard
Sandstone Night Lizard**(Night Lizards)***Xantusia riversiana*
Xantusia vigilis
Xantusia henshawi
*Xantusia gracilis***SCINCIDAE**Western Skink
Gilbert's Skink**(Skinks)***Eumeces skiltonianus*
*Eumeces gilberti***TEIIDAE**Western Whiptail
Orange-throated Whiptail**(Whiptails and Relatives)***Aspidoscelis tigris*
*Aspidoscelis hyperythra***ANGUIDAE**Panamint Alligator Lizard
Southern Alligator Lizard
Northern Alligator Lizard**(Alligator Lizards and Relatives)***Elgaria panamintina*
Elgaria multicarinata
*Elgaria coerulea***ANNIELLIDAE**

California Legless Lizard

(California Legless Lizards)*Anniella pulchra***HELODERMATIDAE**

Gila Monster

(Venomous Lizards)*Heloderma suspectum*

LEPTOTYPHLOPIDAE

Western Blind Snake

(Slender Blind Snakes)

Leptotyphlops humilis

BOIDAE

Southern Rubber Boa

Rubber Boa

Rosy Boa

(Boas)

Charina umbratica

Charina bottae

Charina trivirgata

COLUBRIDAE

Night Snake

Common Kingsnake

California Mountain Kingsnake

Long-nosed Snake

Western Ground Snake

Western Shovel-nosed Snake

California Black-headed Snake

Western Lyre Snake

Striped Whipsnake

Glossy Snake

Southwestern Black-headed Snake

Spotted Leaf-nosed Snake

Gopher Snake

Sharp-tailed Snake

Racer

Coachwhip

California Whipsnake (Striped Racer)

Baja California Rat Snake

Western Patch-nosed Snake

Ring-necked Snake

(Egg-laying Snakes)

Hypsiglena torquata

Lampropeltis getula

Lampropeltis zonata

Rhinocheilus lecontei

Sonora semiannulata

Chionactis occipitalis

Tantilla planiceps

Trimorphodon biscutatus

Masticophis taeniatus

Arizona elegans

Tantilla hobartsmithi

Phyllorhynchus decurtatus

Pituophis catenifer

Contia tenuis

Coluber constrictor

Masticophis flagellum

Masticophis lateralis

Bogertophis rosaliae

Salvadora hexalepis

Diadophis punctatus

NATRICIDAE

Common Garter Snake

Western Terrestrial Garter Snake

Diamondback Water Snake

Checkered Garter Snake

Northwestern Garter Snake

Two-striped Garter Snake

Aquatic Garter Snake

Giant Garter Snake

Sierra (Western Aquatic) Garter Snake

(Live-bearing Snakes)

Thamnophis sirtalis

Thamnophis elegans

Nerodia rhombifer

Thamnophis marcianus

Thamnophis ordinoides

Thamnophis hammondi

Thamnophis atratus

Thamnophis gigas

Thamnophis couchii

HYDROPHIDAE

Yellow-bellied Sea Snake

(Sea Snakes)

Pelamis platurus

VIPERIDAE

Western Rattlesnake

Sidewinder

Mojave Rattlesnake

Speckled Rattlesnake

Western Diamond-backed Rattlesnake

Red Diamond Rattlesnake

(Vipers)

Crotalus viridis

Crotalus cerastes

Crotalus scutulatus

Crotalus mitchellii

Crotalus atrox

Crotalus ruber

AVES

(Birds)

GAVIIFORMES

(Loons)

GAVIIDAE

Red-throated Loon

Arctic Loon

Pacific Loon

Common Loon

Yellow-billed Loon

(Loons)

Gavia stellata

Gavia arctica

Gavia pacifica

Gavia immer

Gavia adamsii

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PODICIPEDIDAE

Least Grebe
 Clark's Grebe
 Western Grebe
 Eared Grebe
 Pied-billed Grebe
 Horned Grebe
 Red-necked Grebe

(Grebes)

Tachybaptus dominicus *
Aechmophorus clarkii
Aechmophorus occidentalis
Podiceps nigricollis
Podilymbus podiceps
Podiceps auritus
Podiceps grisegena

PROCELLARIIFORM (Albatrosses, Shearwaters, Petrels and Relatives)**DIOMEDEIDAE**

Black-footed Albatross
 Short-tailed Albatross
 Laysan Albatross
 Wandering Albatross
 Light-mantled Albatross
 Shy Albatross

(Albatrosses)

Phoebastria nigripes
Phoebastria albatrus *
Phoebastria immutabilis
Diomedea exulans *
Phoebetria palpebrata *
Thalassarche cauta *

PROCELLARIIDAE

Dark-rumped Petrel
 Pink-footed Shearwater
 Sooty Shearwater
 Buller's Shearwater
 Wedge-tailed Shearwater
 Manx Shearwater
 Greater Shearwater
 Black-vented Shearwater
 Flesh-footed Shearwater
 Short-tailed Shearwater
 Little Shearwater
 Streaked Shearwater
 Cory's Shearwater
 Bulwer's Petrel
 Cook's Petrel
 Mottled Petrel
 Murphy's Petrel
 Great-winged Petrel
 Northern Fulmar
 Stejneger's Petrel
 Parkinson's Petrel

(Shearwaters and Fulmars)

Pterodroma phaeopygia *
Puffinus creatopus
Puffinus griseus
Puffinus bulleri
Puffinus pacificus *
Puffinus puffinus *
Puffinus gravis *
Puffinus opisthomelas
Puffinus carneipes
Puffinus tenuirostris
Puffinus assimilis *
Calonectris leucomelas *
Calonectris diomedea *
Bulweria bulwerii *
Pterodroma cookii
Pterodroma inexpectata *
Pterodroma ultima
Pterodroma macroptera *
Fulmarus glacialis
Pterodroma longirostris *
Procellaria parkinsoni *

HYDROBATIDAE

Black Storm-petrel
 Leach's Storm-petrel
 Least Storm-petrel
 Ashy Storm-petrel
 Wilson's Storm-petrel
 Fork-tailed Storm-petrel
 Wedge-rumped Storm-petrel
 Ringed Storm-petrel

(Storm Petrels)

Oceanodroma melania
Oceanodroma leucorhoa
Oceanodroma microsoma
Oceanodroma homochroa
Oceanites oceanicus *
Oceanodroma furcata
Oceanodroma tethys *
Oceanodroma hornbyi *

PELECANIFORMES (Tropicbirds, Pelicans and Relatives)**PHAETHONTIDAE**

White-tailed Tropicbird
 Red-billed Tropicbird
 Red-tailed Tropicbird

(Tropicbirds)

Phaethon lepturus *
Phaethon aethereus
Phaethon rubricauda *

SULIDAE

Masked Booby
 Nazca Booby
 Blue-footed Booby
 Brown Booby
 Red-footed Booby

(Boobies and Gannets)

Sula dactylatra *
Sula granti *
Sula nebouxii *
Sula leucogaster *
Sula sula *

PELECANIDAE

American White Pelican

(Pelicans)

Pelecanus erythrorhynchos

Brown Pelican *Pelecanus occidentalis*

PHALACROCORACIDAE

(Cormorants)

Double-crested Cormorant *Phalacrocorax auritus*
Pelagic Cormorant *Phalacrocorax pelagicus*
Brandt's Cormorant *Phalacrocorax penicillatus*
Neotropic Cormorant *Phalacrocorax brasilianus* *

ANHINGIDAE

(Darters)

Anhinga *Anhinga anhinga* *

FREGATIDAE

(Frigatebirds)

Magnificent Frigatebird *Fregata magnificens*
Great Frigatebird *Fregata minor* *

CICONIIFORMES (Herons, Storks, Ibises and Relatives)

ARDEIDAE

(Herons and Bitterns)

Great Blue Heron *Ardea herodias*
Black-crowned Night Heron *Nycticorax nycticorax*
Green Heron *Butorides virescens*
Cattle Egret *Bubulcus ibis*
Reddish Egret *Egretta rufescens*
Tricolored Heron *Egretta tricolor* *
Little Blue Heron *Egretta caerulea*
Great Egret *Ardea alba*
Least Bittern *Ixobrychus exilis*
American Bittern *Botaurus lentiginosus*
Yellow-crowned Night-heron *Nyctanassa violacea* *
Snowy Egret *Egretta thula*

THRESKIORNITHIDAE

(Ibises and Spoonbills)

White-faced Ibis *Plegadis chihi* *
Roseate Spoonbill *Platalea ajaja* *
Glossy Ibis *Plegadis falcinellus* *
White Ibis *Eudocimus albus* *

CICONIIDAE

(Storks and Wood Ibises)

Wood Stork *Mycteria americana*

CATHARTIDAE

(New World Vultures)

Black Vulture *Coragyps atratus* *
Turkey Vulture *Cathartes aura*
California Condor *Gymnogyps californianus*

ANSERIFORMES (Screamers, Ducks and Relatives)

ANATIDAE

(Swans, Geese and Ducks)

Redhead *Aythya americana* HA
King Eider *Somateria spectabilis* *,HA
Common Eider *Somateria mollissima* *
Steller's Eider *Polysticta stelleri* *,HA
Lesser Scaup *Aythya affinis* HA
Greater Scaup *Aythya marila* HA
Tufted Duck *Aythya fuligula* *,HA
Harlequin Duck *Histrionicus histrionicus* HA
Common Pochard *Aythya ferina* *,HA
Long-tailed Duck *Clangula hyemalis* HA
Canvasback *Aythya valisineria* HA
Green-winged Teal *Anas crecca* HA
Baikal Teal *Anas formosa* *,HA
Ring-necked Duck *Aythya collaris* HA
Surf Scoter *Melanitta perspicillata* HA
Black Scoter *Melanitta nigra* HA
Bufflehead *Bucephala albeola* HA
Common Goldeneye *Bucephala clangula* HA
Barrow's Goldeneye *Bucephala islandica* HA
Smew *Mergellus albellus* *,HA
Hooded Merganser *Lophodytes cucullatus* HA

Common Merganser	<i>Mergus merganser</i>	HA
Red-breasted Merganser	<i>Mergus serrator</i>	HA
Ruddy Duck	<i>Oxyura jamaicensis</i>	HA
Eurasian Wigeon	<i>Anas penelope</i>	HA
Garganey	<i>Anas querquedula</i>	*,HA
White-winged Scoter	<i>Melanitta fusca</i>	HA
Egyptian Goose	<i>Alopochen aegyptiacus</i>	I
American Black Duck	<i>Anas rubripes</i>	*,HA
Black-bellied Whistling-Duck	<i>Dendrocygna autumnalis</i>	*
Fulvous Whistling-Duck	<i>Dendrocygna bicolor</i>	HA
Greater White-fronted Goose	<i>Anser albifrons</i>	HA
Emperor Goose	<i>Chen canagica</i>	*,HA
Snow Goose	<i>Chen caerulescens</i>	HA
Ross' s Goose	<i>Chen rossii</i>	HA
Brant	<i>Branta bernicla</i>	HA
Mute Swan	<i>Cygnus olor</i>	I
Trumpeter Swan	<i>Cygnus buccinator</i>	*
Tundra Swan	<i>Cygnus columbianus</i>	
Mallard	<i>Anas platyrhynchos</i>	HA
Northern Shoveler	<i>Anas clypeata</i>	HA
Canada Goose	<i>Branta canadensis</i>	HA
Blue-winged Teal	<i>Anas discors</i>	HA
Whooper Swan	<i>Cygnus cygnus</i>	*
Cackling Goose (Aleutian Can in CA)	<i>Branta hutchinsii</i>	
American Wigeon	<i>Anas americana</i>	HA
Northern Pintail	<i>Anas acuta</i>	HA
Falcated Duck	<i>Anas falcata</i>	*,HA
Gadwall	<i>Anas strepera</i>	HA
Mandarin Duck	<i>Aix galericulata</i>	I
Wood Duck	<i>Aix sponsa</i>	HA
Cinnamon Teal	<i>Anas cyanoptera</i>	HA

FALCONIFORMES (*Vultures, Hawks and Falcons*)

ACCIPITRIDAE

(*Hawks, Old World Vultures and Harriers*)

Red-shouldered Hawk	<i>Buteo lineatus</i>	
Osprey	<i>Pandion haliaetus</i>	
Golden Eagle	<i>Aquila chrysaetos</i>	
Rough-legged Hawk	<i>Buteo lagopus</i>	
Ferruginous Hawk	<i>Buteo regalis</i>	
Red-tailed Hawk	<i>Buteo jamaicensis</i>	
Zone-tailed Hawk	<i>Buteo albontatus</i>	*
Swainson's Hawk	<i>Buteo swainsoni</i>	
Broad-winged Hawk	<i>Buteo platypterus</i>	
White-tailed Kite	<i>Elanus leucurus</i>	
Common Black-hawk	<i>Buteogallus anthracinus</i>	*
Northern Goshawk	<i>Accipiter gentilis</i>	
Cooper's Hawk	<i>Accipiter cooperii</i>	
Sharp-shinned Hawk	<i>Accipiter striatus</i>	
Northern Harrier	<i>Circus cyaneus</i>	
Bald Eagle	<i>Haliaeetus leucocephalus</i>	
Harris's Hawk	<i>Parabuteo unicinctus</i>	*
Mississippi Kite	<i>Ictinia mississippiensis</i>	*

FALCONIDAE

(*Caracaras and Falcons*)

Prairie Falcon	<i>Falco mexicanus</i>	
Peregrine Falcon	<i>Falco peregrinus</i>	
Gyr Falcon	<i>Falco rusticolus</i>	*
Merlin	<i>Falco columbarius</i>	
Crested Caracara	<i>Caracara cheriway</i>	*
American Kestrel	<i>Falco sparverius</i>	

GALLIFORMES (*Magapodes, Curassows, Pheasants and Relatives*)

PHASIANIDAE

(*Quails, Pheasants and Relatives*)

White-tailed Ptarmigan	<i>Lagopus leucura</i>	I, HA
Greater Sage-grouse	<i>Centrocercus urophasianus</i>	HA
Wild Turkey	<i>Meleagris gallopavo</i>	I,HA
Sharp-tailed Grouse	<i>Tympanuchus phasianellus</i>	E

Ruffed Grouse	<i>Bonasa umbellus</i>	HA
Chukar	<i>Alectoris chukar</i>	I
Common Peafowl	<i>Pavo cristatus</i>	I
Ring-necked Pheasant	<i>Phasianus colchicus</i>	I,HA
Sooty Grouse	<i>Dendragapus fuliginosus</i>	HA

ODONTOPHORIDAE

(New World Quail)

Mountain Quail	<i>Oreortyx pictus</i>	HA
California Quail	<i>Callipepla californica</i>	HA
Gambel's Quail	<i>Callipepla gambelii</i>	HA

GRUIFORMES

(Cranes, Rails and Relatives)

RALLIDAE

(Rails, Gallinules and Coots)

Clapper Rail	<i>Rallus longirostris</i>	
American Coot	<i>Fulica americana</i>	HA
Common Moorhen	<i>Gallinula chloropus</i>	HA
Purple Gallinule	<i>Porphyrio martinica</i>	*
Virginia Rail	<i>Rallus limicola</i>	
Black Rail	<i>Laterallus jamaicensis</i>	
Yellow Rail	<i>Coturnicops noveboracensis</i>	*
Sora	<i>Porzana carolina</i>	

GRUIDAE

(Cranes)

Sandhill Crane	<i>Grus canadensis</i>	
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CHARADRIIFORMES

(Shorebirds, Gulls and Relatives)

CHARADRIIDAE

(Plovers and Relatives)

Wilson's Plover	<i>Charadrius wilsonia</i>	*
Mountain Plover	<i>Charadrius montanus</i>	
Eurasian Dotterel	<i>Charadrius morinellus</i>	*
Killdeer	<i>Charadrius vociferus</i>	
Piping Plover	<i>Charadrius melodus</i>	*
Semipalmated Plover	<i>Charadrius semipalmatus</i>	
Greater Sand-Plover	<i>Charadrius leschenaultii</i>	*
Lesser Sand-Plover	<i>Charadrius mongolus</i>	*
Pacific Golden-Plover	<i>Pluvialis fulva</i>	
American Golden-Plover	<i>Pluvialis dominica</i>	
Black-bellied Plover	<i>Pluvialis squatarola</i>	
Snowy Plover	<i>Charadrius alexandrinus</i>	

HAEMATOPODIDAE

(Oystercatchers)

Black Oystercatcher	<i>Haematopus bachmani</i>	
American Oystercatcher	<i>Haematopus palliatus</i>	*

RECURVIROSTRIDAE

(Avocets and Stilts)

American Avocet	<i>Recurvirostra americana</i>	
Black-necked Stilt	<i>Himantopus mexicanus</i>	

SCOLOPACIDAE

(Sandpipers and Relatives)

Sharp-tailed Sandpiper	<i>Calidris acuminata</i>	
Pectoral Sandpiper	<i>Calidris melanotos</i>	
Baird's Sandpiper	<i>Calidris bairdii</i>	
White-rumped Sandpiper	<i>Calidris fuscicollis</i>	*
Least Sandpiper	<i>Calidris minutilla</i>	
Long-toed Stint	<i>Calidris subminuta</i>	*
Rock Sandpiper	<i>Calidris ptilocnemis</i>	
Red-necked Stint	<i>Calidris ruficollis</i>	*
Red Phalarope	<i>Phalaropus fulicarius</i>	
Western Sandpiper	<i>Calidris mauri</i>	
Little Stint	<i>Calidris minuta</i>	*
Dunlin	<i>Calidris alpina</i>	
Curlew Sandpiper	<i>Calidris ferruginea</i>	*
Stilt Sandpiper	<i>Calidris himantopus</i>	
Buff-breasted Sandpiper	<i>Tryngites subruficollis</i>	*
Short-billed Dowitcher	<i>Limnodromus griseus</i>	
Jack Snipe	<i>Lymnocyrtus minimus</i>	*
Semipalmated Sandpiper	<i>Calidris pusilla</i>	

American Woodcock	<i>Scolopax minor</i>	*
Wilson's Phalarope	<i>Phalaropus tricolor</i>	
Red-necked Phalarope	<i>Phalaropus lobatus</i>	
Long-billed Dowitcher	<i>Limnodromus scolopaceus</i>	
Ruff	<i>Philomachus pugnax</i>	
Greater Yellowlegs	<i>Tringa melanoleuca</i>	
Wilson's Snipe	<i>Gallinago delicata</i>	HA (1)
Common Greenshank	<i>Tringa nebularia</i>	*
Lesser Yellowlegs	<i>Tringa flavipes</i>	
Spotted Redshank	<i>Tringa erythropus</i>	*
Solitary Sandpiper	<i>Tringa solitaria</i>	
Willet	<i>Catoptrophorus semipalmatus</i>	
Wandering Tattler	<i>Heteroscelus incanus</i>	
Gray-tailed Tattler	<i>Heteroscelus brevipes</i>	*
Spotted Sandpiper	<i>Actitis macularia</i>	
Terek Sandpiper	<i>Xenus cinereus</i>	*
Upland Sandpiper	<i>Bartramia longicauda</i>	*
Surfbird	<i>Aphriza virgata</i>	
Whimbrel	<i>Numenius phaeopus</i>	
Bristle-thighed Curlew	<i>Numenius tahitiensis</i>	*
Long-billed Curlew	<i>Numenius americanus</i>	
Hudsonian Godwit	<i>Limosa haemastica</i>	*
Bar-tailed Godwit	<i>Limosa lapponica</i>	*
Marbled Godwit	<i>Limosa fedoa</i>	
Ruddy Turnstone	<i>Arenaria interpres</i>	
Black Turnstone	<i>Arenaria melanocephala</i>	
Sanderling	<i>Calidris alba</i>	
Red Knot	<i>Calidris canutus</i>	
Little Curlew	<i>Numenius minutus</i>	*

LARIDAE

Royal Tern	<i>Sterna maxima</i>	
Caspian Tern	<i>Sterna caspia</i>	
Gull-billed Tern	<i>Sterna nilotica</i>	
Ivory Gull	<i>Pagophila eburnea</i>	*
Red-legged Kittiwake	<i>Rissa brevirostris</i>	*
Elegant Tern	<i>Sterna elegans</i>	
Swallow-tailed Gull	<i>Creagrus furcatus</i>	*
Sooty Tern	<i>Sterna fuscata</i>	*
Sabine's Gull	<i>Xema sabini</i>	
Black-legged Kittiwake	<i>Rissa tridactyla</i>	
Sandwich Tern	<i>Sterna sandvicensis</i>	*
Common Tern	<i>Sterna hirundo</i>	
Arctic Tern	<i>Sterna paradisaea</i>	
Forster's Tern	<i>Sterna forsteri</i>	
Bridled Tern	<i>Onychoprion anaethetus</i>	*
White-winged Tern	<i>Chlidonias leucopterus</i>	*
Black Tern	<i>Chlidonias niger</i>	
Black Skimmer	<i>Rynchops niger</i>	
Glaucous Gull	<i>Larus hyperboreus</i>	
Mew Gull	<i>Larus canus</i>	
Least Tern	<i>Sternula antillarum</i>	
Black-headed Gull	<i>Larus ridibundus</i>	*
South Polar Skua	<i>Stercorarius maccormicki</i>	
Pomarine Jaeger	<i>Stercorarius pomarinus</i>	
Parasitic Jaeger	<i>Stercorarius parasiticus</i>	
Long-tailed Jaeger	<i>Stercorarius longicaudus</i>	
Laughing Gull	<i>Larus atricilla</i>	
California Gull	<i>Larus californicus</i>	
Little Gull	<i>Larus minutus</i>	*
Glaucous-winged Gull	<i>Larus glaucescens</i>	
Bonaparte's Gull	<i>Larus philadelphia</i>	
Heermann's Gull	<i>Larus heermanni</i>	
Yellow-footed Gull	<i>Larus livens</i>	
Franklin's Gull	<i>Larus pipixcan</i>	
Western Gull	<i>Larus occidentalis</i>	
Belcher's Gull	<i>Larus belcheri</i>	*
Lesser Black-backed Gull	<i>Larus fuscus</i>	*
Iceland Gull	<i>Larus glaucooides</i>	*

(Skuas, Gulls, Terns and Skimmers)

Thayer's Gull	<i>Larus thayeri</i>	
Herring Gull	<i>Larus argentatus</i>	
Ring-billed Gull	<i>Larus delawarensis</i>	
Black-tailed Gull	<i>Larus crassirostris</i>	*
Slaty-backed Gull	<i>Larus schistisagus</i>	*
Ross's Gull	<i>Rhodostethia rosea</i>	*

ALCIDAE

Kittlitz's Murrelet	<i>Brachyramphus brevirostris</i>	*
Rhinoceros Auklet	<i>Cerorhinca monocerata</i>	
Crested Auklet	<i>Aethia cristatella</i>	*
Least Auklet	<i>Aethia pusilla</i>	*
Parakeet Auklet	<i>Aethia psittacula</i>	*
Tufted Puffin	<i>Fratercula cirrhata</i>	
Cassin's Auklet	<i>Ptychoramphus aleuticus</i>	
Horned Puffin	<i>Fratercula corniculata</i>	
Xantus's Murrelet	<i>Synthliboramphus hypoleucus</i>	
Marbled Murrelet	<i>Brachyramphus marmoratus</i>	
Long-billed Murrelet	<i>Brachyramphus perdix</i>	*
Pigeon Guillemot	<i>Cepphus columba</i>	
Thick-billed Murre	<i>Uria lomvia</i>	*
Common Murre	<i>Uria aalge</i>	
Ancient Murrelet	<i>Synthliboramphus antiquus</i>	
Craveri's Murrelet	<i>Synthliboramphus craveri</i>	

(Auks, Murres and Puffins)

COLUMBIFORMES (Pigeons and Doves)

COLUMBIDAE

Ringed Turtle-Dove	<i>Streptopelia risoria</i>	
Oriental Turtle-Dove	<i>Streptopelia orientalis</i>	*
Ruddy Ground-Dove	<i>Columbina talpacoti</i>	*
Common Ground-Dove	<i>Columbina passerina</i>	
Inca Dove	<i>Columbina inca</i>	
Mourning Dove	<i>Zenaida macroura</i>	HA
Spotted Dove	<i>Streptopelia chinensis</i>	I,HA
Band-tailed Pigeon	<i>Patagioenas fasciata</i>	HA
Rock Pigeon	<i>Columba livia</i>	
Eurasian Collared-Dove	<i>Streptopelia decaocto</i>	
White-winged Dove	<i>Zenaida asiatica</i>	HA

(Pigeons and Doves)

PSITTACIFORMES (Parrots and Relatives)

PSITTACIDAE

Yellow-chevroned Parakeet	<i>Brotogeris chiriri</i>	
Black-hooded Parakeet	<i>Nandayus nenday</i>	
Yellow-headed Parrot	<i>Amazona oratrix</i>	
Lilac-crowned Parrot	<i>Amazona finschi</i>	
Red-crowned Parrot	<i>Amazona viridigenalis</i>	
Blue-crowned Parakeet	<i>Aratinga acuticaudata</i>	
Rose-ringed Parakeet	<i>Psittacula krameri</i>	
Red-masked Parakeet	<i>Aratinga erythrogenys</i>	
White-winged Parakeet	<i>Brotogeris versicolurus</i>	
Mitred Parakeet	<i>Aratinga mitrata</i>	

(Lories, Parakeets, Macaws and Parrots)

CUCULIFORMES (Cuckoos and Relatives)

CUCULIDAE

Groove-billed Ani	<i>Crotophaga sulcirostris</i>	*
Black-billed Cuckoo	<i>Coccyzus erythrophthalmus</i>	*
Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	
Greater Roadrunner	<i>Geococcyx californianus</i>	

(Typical Cuckoos)

STRIGIFORMES (Owls)

TYTONIDAE

Barn Owl	<i>Tyto alba</i>	
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(Barn Owls)

STRIGIDAE

(Typical Owls)

Short-eared Owl	<i>Asio flammeus</i>	
Great Horned Owl	<i>Bubo virginianus</i>	
Long-eared Owl	<i>Asio otus</i>	
Barred Owl	<i>Strix varia</i>	*
Great Gray Owl	<i>Strix nebulosa</i>	
Northern Saw-whet Owl	<i>Aegolius acadicus</i>	
Burrowing Owl	<i>Athene cunicularia</i>	
Elf Owl	<i>Micrathene whitneyi</i>	
Snowy Owl	<i>Bubo scandiacus</i>	*
Western Screech Owl	<i>Megascops kennicottii</i>	
Flammulated Owl	<i>Otus flammeolus</i>	
Northern Pygmy Owl	<i>Glaucidium gnoma</i>	
Spotted Owl	<i>Strix occidentalis</i>	

CAPRIMULGIFORMES (Goatsuckers and Relatives)

CAPRIMULGIDAE	(Goatsuckers)
Lesser Nighthawk	<i>Chordeiles acutipennis</i>
Common Nighthawk	<i>Chordeiles minor</i>
Common Poorwill	<i>Phalaenoptilus nuttallii</i>
Chuck-will's-widow	<i>Caprimulgus carolinensis</i>
Buff-collared Nightjar	<i>Caprimulgus ridgwayi</i>
Whip-poor-will	<i>Caprimulgus vociferus</i>

APODIFORMES (Swifts and Hummingbirds)

APODIDAE	(Swifts)
Vaux's Swift	<i>Chaetura vauxi</i>
White-throated Swift	<i>Aeronautes saxatalis</i>
White-collared Swift	<i>Streptoprocne zonaris</i>
Black Swift	<i>Cypseloides niger</i>
Chimney Swift	<i>Chaetura pelagica</i>
TROCHILIDAE	(Hummingbirds)
Black-chinned Hummingbird	<i>Archilochus alexandri</i>
Allen's Hummingbird	<i>Selasphorus sasin</i>
Broad-tailed Hummingbird	<i>Selasphorus platycercus</i>
Calliope Hummingbird	<i>Stellula calliope</i>
Rufous Hummingbird	<i>Selasphorus rufus</i>
Costa's Hummingbird	<i>Calypte costae</i>
Broad-billed Hummingbird	<i>Cyananthus latirostris</i>
Anna's Hummingbird	<i>Calypte anna</i>
Ruby-throated Hummingbird	<i>Archilochus colubris</i>
Blue-throated Hummingbird	<i>Lampornis clemenciae</i>
Violet-crowned Hummingbird	<i>Amazilia violiceps</i>
Xantus's Hummingbird	<i>Hylocharis xantusii</i>
Magnificent Hummingbird	<i>Eugenes fulgens</i>
Green Violet-ear	<i>Colibri thalassinus</i>

CORACIIFORMES (Kingfishers and Relatives)

ALCEDINIDAE	(Kingfishers)
Belted Kingfisher	<i>Ceryle alcyon</i>

PICIFORMES (Woodpeckers and Relatives)

PICIDAE	(Woodpeckers and Wrynecks)
Williamson's Sapsucker	<i>Sphyrapicus thyroideus</i>
Pileated Woodpecker	<i>Dryocopus pileatus</i>
Lewis's Woodpecker	<i>Melanerpes lewis</i>
Gilded Flicker	<i>Colaptes chrysoides</i>
Northern Flicker	<i>Colaptes auratus</i>
Black-backed Woodpecker	<i>Picoides arcticus</i>
White-headed Woodpecker	<i>Picoides albolarvatus</i>
Hairy Woodpecker	<i>Picoides villosus</i>
Downy Woodpecker	<i>Picoides pubescens</i>
Ladder-backed Woodpecker	<i>Picoides scalaris</i>
Red-breasted Sapsucker	<i>Sphyrapicus ruber</i>

Red-naped Sapsucker	<i>Sphyrapicus nuchalis</i>	
Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>	
Gila Woodpecker	<i>Melanerpes uropygialis</i>	
Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>	*
Nuttall's Woodpecker	<i>Picoides nuttallii</i>	
Acorn Woodpecker	<i>Melanerpes formicivorus</i>	

PASSERIFORMES (Perching Birds)

TYRANNIDAE

Scissor-tailed Flycatcher
 Ash-throated Flycatcher
 Great Crested Flycatcher
 Brown-crested Flycatcher
 Sulphur-bellied Flycatcher
 Tropical Kingbird
 Couch's Kingbird
 Cassin's Kingbird
 Thick-billed Kingbird
 Eastern Kingbird
 Fork-tailed Flycatcher
 Vermilion Flycatcher
 Dusky-capped Flycatcher
 Western Kingbird
 Gray Flycatcher
 Nutting's Flycatcher
 Western Wood-pewee
 Eastern Wood-pewee
 Yellow-bellied Flycatcher
 Alder Flycatcher
 Willow Flycatcher
 Say's Phoebe
 Hammond's Flycatcher
 Dusky Flycatcher
 Pacific-slope Flycatcher
 Cordilleran Flycatcher
 Greater Pewee
 Black Phoebe
 Olive-sided Flycatcher
 Eastern Phoebe
 Least Flycatcher

(Tyrant Flycatchers)

Tyrannus forficatus
Myiarchus cinerascens
Myiarchus crinitus *
Myiarchus tyrannulus
Myiodynastes luteiventris *
Tyrannus melancholicus
Tyrannus couchii *
Tyrannus vociferans
Tyrannus crassirostris *
Tyrannus tyrannus
Tyrannus savana *
Pyrocephalus rubinus
Myiarchus tuberculifer *
Tyrannus verticalis
Empidonax wrightii
Myiarchus nuttingi *
Contopus sordidulus
Contopus virens *
Empidonax flaviventris *
Empidonax alnorum *
Empidonax traillii
Sayornis saya
Empidonax hammondi
Empidonax oberholseri
Empidonax difficilis
Empidonax occidentalis
Contopus pertinax *
Sayornis nigricans
Contopus cooperi
Sayornis phoebe
Empidonax minimus

LANIIDAE

Loggerhead Shrike
 Brown Shrike
 Northern Shrike

(Shrikes)

Lanius ludovicianus
Lanius cristatus *
Lanius excubitor

VIREONIDAE

Hutton's Vireo
 Yellow-green Vireo
 Red-eyed Vireo
 White-eyed Vireo
 Warbling Vireo
 Blue-headed Vireo
 Cassin's Vireo
 Plumbeous Vireo
 Yellow-throated Vireo
 Gray Vireo
 Bell's Vireo
 Philadelphia Vireo

(Typical Vireos)

Vireo huttoni
Vireo flavoviridis *
Vireo olivaceus
Vireo griseus *
Vireo gilvus
Vireo solitarius
Vireo cassinii
Vireo plumbeus
Vireo flavifrons *
Vireo vicinior
Vireo bellii
Vireo philadelphicus *

CORVIDAE

Black-billed Magpie
 Western Scrub-Jay
 Common Raven
 American Crow
 Yellow-billed Magpie
 Pinyon Jay

(Jays, Magpies and Crows)

Pica hudsonia
Aphelocoma californica
Corvus corax
Corvus brachyrhynchos HA
Pica nuttalli
Gymnorhinus cyanocephalus

Gray Jay
Island Scrub-Jay
Blue Jay
Steller's Jay
Clark's Nutcracker

ALAUDIDAE

Sky Lark
Horned Lark

HIRUNDINIDAE

Tree Swallow
Cave Swallow
Cliff Swallow
Bank Swallow
Violet-green Swallow
Barn Swallow
Purple Martin
Northern Rough-winged Swallow

PARIDAE

Oak Titmouse
Juniper Titmouse
Chestnut-backed Chickadee
Black-capped Chickadee
Mountain Chickadee

REMIZIDAE

Verdin

AEGITHALIDAE

Bushtit

SITTIDAE

Red-breasted Nuthatch
White-breasted Nuthatch
Pygmy Nuthatch

CERTHIIDAE

Brown Creeper

TROGLODYTIDAE

House Wren
Winter Wren
Sedge Wren
Cactus Wren

Canyon Wren
Rock Wren
Marsh Wren
Bewick's Wren

CINCLIDAE

American Dipper

PYCNONOTIDAE

Red-whiskered Bulbul

REGULIDAE

Golden-crowned Kinglet
Ruby-crowned Kinglet

SYLVIIDAE

Arctic Warbler
Black-tailed Gnatcatcher
Blue-gray Gnatcatcher
Dusky Warbler
Lanceolated Warbler
California Gnatcatcher

Perisoreus canadensis
Aphelocoma insularis
Cyanocitta cristata
Cyanocitta stelleri
Nucifraga columbiana

(Larks)

Alauda arvensis
Eremophila alpestris

(Swallows)

Tachycineta bicolor
Petrochelidon fulva
Petrochelidon pyrrhonota
Riparia riparia
Tachycineta thalassina
Hirundo rustica
Progne subis
Stelgidopteryx serripennis

(Titmice and Relatives)

Baeolophus inornatus
Baeolophus ridgewayi
Poecile rufescens
Poecile atricapillus
Poecile gambeli

(Verdin)

Auriparus flaviceps

(Bushtit)

Psaltriparus minimus

(Nuthatches)

Sitta canadensis
Sitta carolinensis
Sitta pygmaea

(Creepers)

Certhia americana

(Wrens)

Troglodytes aedon
Troglodytes troglodytes
Cistothorus platensis
Campylorhynchus brunneicapillus

Catherpes mexicanus
Salpinctes obsoletus
Cistothorus palustris
Thryomanes bewickii

(Dippers)

Cinclus mexicanus

(Bulbuls)

Pycnonotus jocosus

(Kinglets)

Regulus satrapa
Regulus calendula

(Old World Warblers and Gnatcatchers)

Phylloscopus borealis
Poliophtila melanura
Poliophtila caerulea
Phylloscopus fuscatus
Locustella lanceolata
Poliophtila californica

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MUSCICAPIDAE

Taiga Flycatcher

(Old World Flycatchers)*Ficedula albicilla*

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TURDIDAEHermit Thrush
Western Bluebird
Varied Thrush
American Robin
Rufous-backed Robin
Eyebrowed Thrush
Wood Thrush
Swainson's Thrush
Gray-cheeked Thrush
Veery
Mountain Bluebird
Northern Wheatear
Red-flanked Bluetail
Townsend's Solitaire
Stonechat**(Thrushes)***Catharus guttatus*
Sialia mexicana
Ixoreus naevius
Turdus migratorius
Turdus rufopalliatus
Turdus obscurus
Hylocichla mustelina
Catharus ustulatus
Catharus minimus
Catharus fuscescens
Sialia currucoides
Oenanthe oenanthe
Tarsiger cyanurus
Myadestes townsendi
Saxicola torquatus

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TIMALIIDAE

Wrentit

(Babblers)*Chamaea fasciata***MIMIDAE**California Thrasher
Blue Mockingbird
Gray Catbird
Le Conte's Thrasher
Crissal Thrasher
Bendire's Thrasher
Brown Thrasher
Northern Mockingbird
Curve-billed Thrasher
Sage Thrasher**(Mockingbirds and Thrashers)***Toxostoma redivivum*
Melanotis caerulescens
Dumetella carolinensis
Toxostoma lecontei
Toxostoma crissale
Toxostoma bendirei
Toxostoma rufum
Mimus polyglottus
Toxostoma curvirostre
Oreoscoptes montanus

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STURNIDAE

European Starling

(Starlings and Allies)*Sturnus vulgaris*

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MOTACILLIDAEEastern Yellow Wagtail
Gray Wagtail
White Wagtail
Olive-backed Pipit
Red-throated Pipit
American Pipit
Sprague's Pipit**(Wagtails and Pipits)***Motacilla tschutschensis*
Motacilla cinerea
Motacilla alba
Anthus hodgsoni
Anthus cervinus
Anthus rubescens
Anthus spragueii

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BOMBYCILLIDAEBohemian Waxwing
Cedar Waxwing**(Waxwings)***Bombycilla garrulus*
*Bombycilla cedrorum***PTILOGONATIDAE**Phainopepla
Gray Silky-flycatcher**(Silky Flycatchers)***Phainopepla nitens*
Ptilogonys cinereus

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PARULIDAELouisiana Waterthrush
Bay-breasted Warbler
Blackpoll Warbler
Cerulean Warbler
Black-and-white Warbler
American Redstart
Prothonotary Warbler
Worm-eating Warbler
Ovenbird
Northern Waterthrush
Kentucky Warbler
Connecticut Warbler
Mourning Warbler**(Wood Warblers and Relatives)***Seiurus motacilla*
Dendroica castanea
Dendroica striata
Dendroica cerulea
Mniotilta varia
Setophaga ruticilla
Protonotaria citrea
Helmitheros vermivorum
Seiurus aurocapilla
Seiurus noveboracensis
Oporornis formosus
Oporornis agilis
Oporornis philadelphia

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Macgillivray's Warbler	<i>Oporornis tolmiei</i>	
Common Yellowthroat	<i>Geothlypis trichas</i>	
Hooded Warbler	<i>Wilsonia citrina</i>	
Wilson's Warbler	<i>Wilsonia pusilla</i>	
Palm Warbler	<i>Dendroica palmarum</i>	
Red-faced Warbler	<i>Cardellina rubrifrons</i>	*
Painted Redstart	<i>Myioborus pictus</i>	
Yellow-breasted Chat	<i>Icteria virens</i>	
Canada Warbler	<i>Wilsonia canadensis</i>	
Golden-winged Warbler	<i>Vermivora chrysoptera</i>	*
Prairie Warbler	<i>Dendroica discolor</i>	
Blue-winged Warbler	<i>Vermivora pinus</i>	*
Tennessee Warbler	<i>Vermivora peregrina</i>	
Orange-crowned Warbler	<i>Vermivora celata</i>	
Nashville Warbler	<i>Vermivora ruficapilla</i>	
Virginia's Warbler	<i>Vermivora virginiae</i>	
Lucy's Warbler	<i>Vermivora luciae</i>	
Northern Parula	<i>Parula americana</i>	
Yellow Warbler	<i>Dendroica petechia</i>	
Chestnut-sided Warbler	<i>Dendroica pensylvanica</i>	
Magnolia Warbler	<i>Dendroica magnolia</i>	
Grace's Warbler	<i>Dendroica graciae</i>	*
Black-throated Blue Warbler	<i>Dendroica caerulescens</i>	
Yellow-rumped Warbler	<i>Dendroica coronata</i>	
Black-throated Gray Warbler	<i>Dendroica nigrescens</i>	
Golden-cheeked Warbler	<i>Dendroica chrysoparia</i>	*
Black-throated Green Warbler	<i>Dendroica virens</i>	
Townsend's Warbler	<i>Dendroica townsendi</i>	
Hermit Warbler	<i>Dendroica occidentalis</i>	
Blackburnian Warbler	<i>Dendroica fusca</i>	
Yellow-throated Warbler	<i>Dendroica dominica</i>	*
Pine Warbler	<i>Dendroica pinus</i>	*
Cape May Warbler	<i>Dendroica tigrina</i>	

THRAUPIDAE

Summer Tanager	<i>Piranga rubra</i>	
Hepatic Tanager	<i>Piranga flava</i>	
Western Tanager	<i>Piranga ludoviciana</i>	
Scarlet Tanager	<i>Piranga olivacea</i>	*

(Tanagers)

EMBERIZIDAE

Harris's Sparrow	<i>Zonotrichia querula</i>	
Song Sparrow	<i>Melospiza melodia</i>	
Rustic Bunting	<i>Emberiza rustica</i>	*
Nelson's Sharp-tailed Sparrow	<i>Ammodramus nelsoni</i>	
Lincoln's Sparrow	<i>Melospiza lincolni</i>	
Swamp Sparrow	<i>Melospiza georgiana</i>	
White-throated Sparrow	<i>Zonotrichia albicollis</i>	
Fox Sparrow	<i>Passerella iliaca</i>	
White-crowned Sparrow	<i>Zonotrichia leucophrys</i>	
Golden-crowned Sparrow	<i>Zonotrichia atricapilla</i>	
Dark-eyed Junco	<i>Junco hyemalis</i>	
Mccown's Longspur	<i>Calcarius mccownii</i>	
Lapland Longspur	<i>Calcarius lapponicus</i>	
Smith's Longspur	<i>Calcarius pictus</i>	*
Little Bunting	<i>Emberiza pusilla</i>	*
Snow Bunting	<i>Plectrophenax nivalis</i>	*
Le Conte's Sparrow	<i>Ammodramus leconteii</i>	*
Black-throated Sparrow	<i>Amphispiza bilineata</i>	
Chestnut-collared Longspur	<i>Calcarius ornatus</i>	
Chipping Sparrow	<i>Spizella passerina</i>	
Lark Bunting	<i>Calamospiza melanocorys</i>	
Baird's Sparrow	<i>Ammodramus bairdii</i>	*
Spotted Towhee	<i>Pipilo maculatus</i>	
California Towhee	<i>Pipilo crissalis</i>	
Abert's Towhee	<i>Pipilo aberti</i>	
Cassin's Sparrow	<i>Aimophila cassinii</i>	*
American Tree Sparrow	<i>Spizella arborea</i>	
Green-tailed Towhee	<i>Pipilo chlorurus</i>	

(Emberizines)

Clay-colored Sparrow
 Brewer's Sparrow
 Field Sparrow
 Black-chinned Sparrow
 Vesper Sparrow
 Lark Sparrow
 Sage Sparrow
 Savannah Sparrow
 Grasshopper Sparrow
 Rufous-crowned Sparrow

Spizella pallida
Spizella breweri
Spizella pusilla *
Spizella atrogularis
Pooecetes gramineus
Chondestes grammacus
Amphispiza belli
Passerculus sandwichensis
Ammodramus savannarum
Aimophila ruficeps

CARDINALIDAE

(Cardinals, Grosbeaks and Allies)

Indigo Bunting
 Dickcissel
 Painted Bunting
 Varied Bunting
 Lazuli Bunting
 Blue Grosbeak
 Black-headed Grosbeak
 Rose-breasted Grosbeak
 Northern Cardinal
 Pyrrhuloxia

Passerina cyanea
Spiza americana
Passerina ciris *
Passerina versicolor *
Passerina amoena
Passerina caerulea
Pheucticus melanocephalus
Pheucticus ludovicianus
Cardinalis cardinalis | (3)
Cardinalis sinuatus *

ICTERIDAE

(Blackbirds, Orioles and Allies)

Scott's Oriole
 Baltimore Oriole
 Bullock's Oriole
 Streak-backed Oriole
 Hooded Oriole
 Orchard Oriole
 Brown-headed Cowbird
 Common Grackle
 Bobolink
 Great-tailed Grackle
 Red-winged Blackbird
 Tricolored Blackbird
 Western Meadowlark
 Yellow-headed Blackbird
 Rusty Blackbird
 Brewer's Blackbird
 Bronzed Cowbird

Icterus parisorum
Icterus glabula
Icterus bullockii
Icterus pustulatus *
Icterus cucullatus
Icterus spurius
Molothrus ater
Quiscalus quiscula *
Dolichonyx oryzivorus
Quiscalus mexicanus
Agelaius phoeniceus
Agelaius tricolor
Sturnella neglecta
Xanthocephalus xanthocephalus
Euphagus carolinus
Euphagus cyanocephalus
Molothrus aeneus

FRINGILLIDAE

(Finches)

Red Crossbill
 Pine Siskin
 Evening Grosbeak
 Oriental Greenfinch
 American Goldfinch
 Lawrence's Goldfinch
 Lesser Goldfinch
 Black Rosy-finch
 Brambling
 Gray-crowned Rosy-finch
 House Finch
 Cassin's Finch
 Purple Finch
 Pine Grosbeak
 White-winged Crossbill
 Common Redpoll

Loxia curvirostra
Carduelis pinus
Coccothraustes vespertinus
Carduelis sinica |
Carduelis tristis
Carduelis lawrencei
Carduelis psaltria
Leucosticte atrata *
Fringilla montifringilla *
Leucosticte tephrocotis
Carpodacus mexicanus
Carpodacus cassinii
Carpodacus purpureus
Pinicola enucleator
Loxia leucoptera *
Carduelis flammea *

PASSERIDAE

(Old World Sparrows)

House Sparrow

Passer domesticus |

ESTRILDIDAE

(Waxbills and Allies)

Nutmeg Mannikin

Lonchura punctulata |,*

MAMMALIA (Mammals)

DIDELPHIMORPHI (Marsupials)

DIDELPHIDAE

Virginia Opossum

(Opossums)

Didelphis virginiana

I,HA

INSECTIVORA (Insectivores)

SORICIDAE

Preble's Shrew
Desert Shrew
Merriam's Shrew
Trowbridge's Shrew
Marsh Shrew
Inyo Shrew
Ornate Shrew
Fog Shrew
Dusky Shrew
Mt. Lyell Shrew
Water Shrew
Vagrant Shrew

(Shrews)

Sorex preblei
Notiosorex crawfordi
Sorex merriami
Sorex trowbridgii
Sorex bendirii
Sorex tenellus
Sorex ornatus
Sorex sonomae
Sorex monticolus
Sorex lyelli
Sorex palustris
Sorex vagrans

TALPIDAE

Shrew-mole
Townsend's Mole
Coast Mole
Broad-footed Mole

(Moles)

Neurotrichus gibbsii
Scapanus townsendii
Scapanus orarius
Scapanus latimanus

CHIROPTERA (Bats)

PHYLLOSTOMIDAE

Mexican Long-tongued Bat
Southern Long-nosed Bat
Lesser Long-nosed Bat
California Leaf-nosed Bat

(Leaf-nosed Bats)

Choeronycteris mexicana
Leptonycteris curasoae
Leptonycteris yerbabuena
Macrotus californicus

VESPERTILIONIDAE

Big Brown Bat
Spotted Bat
Occult Little Brown Bat
Allen's Big-eared Bat
Townsend's Big-eared Bat
Western Yellow Bat
Hoary Bat
Western Red Bat
Silver-haired Bat
Western Small-footed Myotis
California Myotis
Long-legged Myotis
Little Brown Myotis
Fringed Myotis
Yuma Myotis
Cave Myotis
Long-eared Myotis
Western Pipistrelle
Pallid Bat

(Evening Bats)

Eptesicus fuscus
Euderma maculatum
Myotis occultus
Idionycteris phyllotis
Corynorhinus townsendii
Lasiurus xanthinus
Lasiurus cinereus
Lasiurus blossevillii
Lasionycteris noctivagans
Myotis ciliolabrum
Myotis californicus
Myotis volans
Myotis lucifugus
Myotis thysanodes
Myotis yumanensis
Myotis velifer
Myotis evotis
Pipistrellus hesperus
Antrozous pallidus

MOLOSSIDAE

Brazilian Free-tailed Bat
Western Mastiff Bat
Pocketed Free-tailed Bat
Big Free-tailed Bat

(Free-tailed Bats)

Tadarida brasiliensis
Eumops perotis
Nyctinomops femorosaccus
Nyctinomops macrotis

LAGOMORPHA (Rabbits, Hares and Pika)

OCHOTONIDAE

American Pika

(Pikas)

Ochotona princeps

LEPORIDAE

White-tailed Jackrabbit
Snowshoe Hare
European Rabbit
Desert Cottontail
Mountain Cottontail
Pygmy Rabbit
Brush Rabbit
Black-tailed Jackrabbit

(Rabbits and Hares)

Lepus townsendii HA
Lepus americanus HA
Oryctolagus cuniculus I
Sylvilagus audubonii HA
Sylvilagus nuttallii HA
Brachylagus idahoensis HA
Sylvilagus bachmani HA (4)
Lepus californicus HA

RODENTIA (Rodents)

APLODONTIIDAE

Mountain Beaver

(Mountain Beaver)

Aplodontia rufa

SCIURIDAE

Western Gray Squirrel
Belding's Ground Squirrel
Rock Squirrel
California Ground Squirrel
Mohave Ground Squirrel
Round-tailed Ground Squirrel
Eastern Gray Squirrel
Panamint Chipmunk
Eastern Fox Squirrel
Douglas' Squirrel
Northern Flying Squirrel
Townsend's Ground Squirrel
Golden-mantled Ground Squirrel
Yellow-cheeked Chipmunk
Nelson's Antelope Squirrel
Least Chipmunk
Alpine Chipmunk
Yellow-pine Chipmunk
Sonoma Chipmunk
Yellow-bellied Marmot
California Chipmunk
Long-eared Chipmunk
Allen's Chipmunk
Siskiyou Chipmunk
Lodgepole Chipmunk
Uinta Chipmunk
White-tailed Antelope Squirrel
Merriam's Chipmunk

(Squirrels, Chipmunks and Marmots)

Sciurus griseus HA
Spermophilus beldingi
Spermophilus variegatus
Spermophilus beecheyi
Spermophilus mohavensis
Spermophilus tereticaudus
Sciurus carolinensis I,HA
Neotamias panamintinus
Sciurus niger I,HA (5)
Tamiasciurus douglasii HA
Glaucomys sabrinus
Spermophilus townsendii
Spermophilus lateralis
Neotamias ochrogenys
Ammospermophilus nelsoni
Neotamias minimus
Neotamias alpinus
Neotamias amoenus
Neotamias sonomae
Marmota flaviventris
Neotamias obscurus
Neotamias quadrimaculatus
Neotamias senex
Neotamias siskiyou
Neotamias speciosus
Neotamias umbrinus
Ammospermophilus leucurus
Neotamias merriami

GEOMYIDAE

Northern Pocket Gopher
Western Pocket Gopher
Townsend's Pocket Gopher
Botta's Pocket Gopher
Mountain Pocket Gopher

(Pocket Gophers)

Thomomys talpoides
Thomomys mazama
Thomomys townsendii
Thomomys bottae
Thomomys monticola

HETEROMYIDAE

Fresno Kangaroo Rat
Merriam's Kangaroo Rat
Desert Kangaroo Rat
Stephens' Kangaroo Rat
Panamint Kangaroo Rat
Giant Kangaroo Rat
California Kangaroo Rat
Narrow-faced Kangaroo Rat
San Diego Kangaroo Rat
Pacific Kangaroo Rat

(Pocket Mice and Kangaroo Rats)

Dipodomys nitratoides
Dipodomys merriami
Dipodomys deserti
Dipodomys stephensi
Dipodomys panamintinus
Dipodomys ingens
Dipodomys californicus
Dipodomys venustus
Dipodomys simulans
Dipodomys agilis

Little Pocket Mouse
 Chisel-toothed Kangaroo Rat
 Heermann's Kangaroo Rat
 San Joaquin Pocket Mouse
 Great Basin Pocket Mouse
 White-eared Pocket Mouse
 Long-tailed Pocket Mouse
 Bailey's Pocket Mouse
 Ord's Kangaroo Rat
 San Diego Pocket Mouse
 California Pocket Mouse
 Spiny Pocket Mouse
 Dark Kangaroo Mouse
 Pale Kangaroo Mouse
 Desert Pocket Mouse

CASTORIDAE

American Beaver

MURIDAE

House Mouse
 Western Red-backed Vole
 Heather Vole
 Sonoma Tree Vole
 California Vole
 Townsend's Vole
 Long-tailed Vole
 Creeping Vole
 Large-eared Woodrat
 Common Muskrat
 Baja Mouse
 Norway Rat
 White-footed Vole
 Sagebrush Vole
 Northern Grasshopper Mouse
 Montane Vole
 Deer Mouse
 Black Rat
 California Mouse
 Cactus Mouse
 Canyon Mouse
 Pinyon Mouse
 Southern Grasshopper Mouse
 Hispid Cotton Rat
 Arizona Cotton Rat
 Salt-marsh Harvest Mouse
 White-throated Woodrat
 Western Harvest Mouse
 Desert Woodrat
 Dusky-footed Woodrat
 Bushy-tailed Woodrat
 Brush Mouse

DIPODIDAE

Western Jumping Mouse
 Pacific Jumping Mouse

ERETHIZONTIDAE

Common Porcupine

MYOCASTORIDAE

Nutria

Perognathus longimembris
Dipodomys microps
Dipodomys heermanni
Perognathus inornatus
Perognathus parvus
Perognathus alticolus
Chaetodipus formosus
Chaetodipus baileyi
Dipodomys ordii
Chaetodipus fallax
Chaetodipus californicus
Chaetodipus spinatus
Microdipodops megacephalus
Microdipodops pallidus
Chaetodipus penicillatus

(Beavers)

Castor canadensis 1 (6),HA

(Mice, Rats and Voles)

Mus musculus 1
Clethrionomys californicus
Phenacomys intermedius
Arborimus pomo
Microtus californicus
Microtus townsendii
Microtus longicaudus
Microtus oregoni
Neotoma macrotis
Ondatra zibethicus 1 (7),HA
Peromyscus fraterculus
Rattus norvegicus 1
Arborimus albipes
Lemmys curtatus
Onychomys leucogaster
Microtus montanus
Peromyscus maniculatus
Rattus rattus 1
Peromyscus californicus
Peromyscus eremicus
Peromyscus crinitus
Peromyscus truei
Onychomys torridus
Sigmodon hispidus
Sigmodon arizonae
Reithrodontomys raviventris
Neotoma albigula
Reithrodontomys megalotis
Neotoma lepida
Neotoma fuscipes
Neotoma cinerea
Peromyscus boylii

(Jumping Mice)

Zapus princeps
Zapus trinotatus

(New World Porcupines)

Erethizon dorsatum

(Myocastorids)

Myocastor copys

CARNIVORA

(Carnivores)

CANIDAE

Red Fox
Feral Dog
Gray Fox
Island Gray Fox
Kit Fox
Coyote

(Foxes, Wolves and Relatives)

Vulpes vulpes 1,(8)
Canis familiaris I
Urocyon cinereoargenteus HA
Urocyon littoralis
Vulpes macrotis
Canis latrans

URSIDAE

Black Bear

(Bears)

Ursus americanus HA

OTARIIDAE

Northern Fur-seal
Guadalupe Fur-seal
Northern (Steller) Sea-lion
California Sea-lion

(Eared Seals)

Callorhinus ursinus
Arctocephalus townsendi
Eumetopias jubatus
Zalophus californianus

PHOCIDAE

Northern Elephant Seal
Harbor Seal
Ribbon Seal
Ringed Seal

(Hair Seals)

Mirounga angustirostris
Phoca vitulina
Histiophoca fasciata
Pusa hispida

PROCYONIDAE

Ringtail
Raccoon

(Raccoons and Relatives)

Bassariscus astutus
Procyon lotor HA

MUSTELIDAE

Sea Otter
American Marten
American Badger
Fisher
Northern River Otter
Wolverine
Long-tailed Weasel
Ermine
American Mink

(Weasels and Relatives)

Enhydra lutris
Martes americana
Taxidea taxus HA
Martes pennanti
Lontra canadensis
Gulo gulo
Mustela frenata HA
Mustela erminea HA
Mustela vison HA

MEPHITIDAE

Western Spotted Skunk
Striped Skunk

(Skunks)

Spilogale gracilis HA
Mephitis mephitis HA

FELIDAE

Feral Cat
Mountain Lion
Bobcat

(Cats)

Felis catus I
Puma concolor
Lynx rufus HA

CETACEA

(Whales)

ESCHRICHTIIDAE

Gray Whale

(Gray Whale)

Eschrichtius robustus

BALAEOPTERIDAE

Blue Whale
Fin Whale
Sei Whale
Minke Whale
Humpback Whale

(Rorquals)

Balaenoptera musculus *
Balaenoptera physalus *
Balaenoptera borealis *
Balaenoptera acutorostrata *
Megaptera novaeangliae *

BALAEENIDAE

Black Right Whale

(Right Whales)

Eubalaena glacialis *

DELPHINIDAE

Killer Whale
Bottle-nosed Dolphin
Northern Right-whale Dolphin
Short-finned Pilot Whale

(Dolphins)

Orcinus orca
Tursiops truncatus
Lissodelphis borealis
Globicephala macrorhynchus

False Killer Whale
 Grampus
 Pacific White-sided Dolphin
 Common Dolphin
 Pantropical Spotted Dolphin
 Rough-toothed Dolphin
 Striped Dolphin

Pseudorca crassidens
Grampus griseus
Lagenorhynchus obliquidens
Delphinus delphis
Stenella attenuata
Steno bredanensis
Stenella coeruleoalba

PHOCOENIDAE

Harbor Porpoise
 Dall's Porpoise

(Porpoises)

Phocoena phocoena
Phocoenoides dalli

ZIPHIIDAE

Goose-beaked Whale
 Perrin's Beaked Whale
 North Pacific Beaked Whale
 Dense-beaked Whale
 Moore's Beaked Whale
 Ginko-toothed Whale
 North Pacific Bottle-nosed Whale

(Beaked Whales)

Ziphius cavirostris
Mesoplodon perrini
Mesoplodon stejnegeri
Mesoplodon densirostris
Mesoplodon carlhubbsi
Mesoplodon ginkodens
Berardius bairdii

KOGIIDAE

Pygmy Sperm Whale
 Dwarf Sperm Whale

(Pygmy Sperm Whales)

Kogia breviceps
Kogia sima

PHYSETERIDAE

Sperm Whale

(Sperm Whale)

Physeter macrocephalus

PERISSODACTYLA (Horses, Tapirs and Relatives)

EQUIDAE

Feral Horse
 Feral Ass
 Burchell's Zebra

(Horses)

Equus caballus
Equus asinus
Equus burchelli

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ARTIODACTYLA (Even-toed Ungulates)

SUIDAE

Wild Pig

(Pigs)

Sus scrofa

I,HA

CERVIDAE

Elk
 Axis Deer
 Fallow Deer
 Mule Deer
 Sambar Deer

(Deer, Elk and Relatives)

Cervus elaphus
Axis axis
Dama dama
Odocoileus hemionus
Cervus unicolor

I,HA (9)
 I,HA
 I,HA
 HA
 I,HA

ANTILOCAPRIDAE

Pronghorn

(Pronghorn)

Antilocapra americana

HA

BOVIDAE

Barbary Sheep
 Himalayan Tahr
 Feral Goat
 Bighorn Sheep
 Blackbuck
 Bison
 Feral Cattle

(Sheep, Goats and Relatives)

Ammotragus lervia
Hemitragus jemlahicus
Capra hircus
Ovis canadensis
Antilope cervicapra
Bos bison
Bos taurus

I,HA
 I,HA
 I,HA
 HA (10)
 I
 I
 I

Preparation:

Monica Parisi
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Notes:

Amphibians and Reptiles We have adopted nomenclature of the Center for North American Herpetology, <http://www.cnah.org>. The phylogenetic sequence is that of Stebbins (2003). Both Jennings (2004) and Stebbins (2003) were used as sources for species found in California. Exceptions are for taxonomic splits recognized subsequent to these publications (Shaffer et al. 2004, Vredenburg et al. 2007).

Birds We based the organization and nomenclature on the work of the American Ornithologists' Union (AOU) Committee on Classification and Nomenclature (AOU 1998, 2000, 2002, 2003a, 2003b, 2005, 2006, 2007, 2008). A list of birds found in California is provided by the California Bird Records Committee (CBRC): <http://wfo-cbrc.org/cbrc/>. Our list differs slightly from CBRC because we include species introduced to California that may or may not have stable populations (Garrett 1997, Jurek 2002).

(1) Listed in the Fish and Game Code for California and in Title 14 of the California Code of Regulations as jacksnipe or common snipe.

(2) Listed as Gilded Northern Flicker in Section 670.5 of Title 14 of the California Code of Regulations.

(3) Cardinals are native to California only marginally in the Colorado River Valley. Other populations are of introduced subspecies.

Mammals We used Williams (2001) as a basis for the occurrence of mammal species in California. With few exceptions, nomenclatural conventions used were from Baker et al. (2003). As this list is ordered alphabetically, we used Jones (1982) as a reference for taxonomic sequence. This is the order used within the California Wildlife Habitat Relationships (CWHR) database program.

(4) Riparian brush rabbit (subspecies riparius) is state and federally-endangered and may not be legally harvested.

(5) Referenced in Fish and Game Code Section 4152 as Red Fox Squirrel.

(6) Some populations were introduced into the Sierra Nevada and Southern California

from stock taken from Oregon and Washington.

(7) Some populations in California were introduced.

(8) Red foxes native to California are of the subspecies *V. v. necator*. Populations of individuals from subspecies not native to California have been introduced. We know of at least a few subspecies of eastern red foxes and fur stock released into California, but we do not have records of every kind. Hybridization is occurring in the wild among subspecies now as well.

(9) Elk native to California are Roosevelt (*C. e. roosevelti*) and tule (*C. e. nannodes*) elk. Rocky Mountain elk (*C. e. nelsoni*) have been introduced to California.

(10) *O. c. nelsoni* is fully protected except in areas where it is legally hunted.

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

STATE & FEDERALLY LISTED ENDANGERED & THREATENED ANIMALS OF CALIFORNIA

October 2013

This is a list of animals found within California or off the coast of the State that have been classified as Endangered or Threatened by the California Fish & Game Commission (state list) or by the U.S. Secretary of the Interior or the U.S. Secretary of Commerce (federal list). The federal agencies responsible for listing are the U.S. Fish and Wildlife Service (USFWS) and the National Marine Fisheries Service (NMFS).

The official California listing of Endangered and Threatened animals is contained in the California Code of Regulations, Title 14, Section 670.5. The official federal listing of Endangered and Threatened animals is published in the Federal Register, 50 CFR 17.11. The California Endangered Species Act of 1970 created the categories of “Endangered” and “Rare.” The California Endangered Species Act of 1984 created the categories of “Endangered” and “Threatened.” On January 1, 1985, all animal species designated as “Rare” were reclassified as “Threatened.”

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

Designation	Totals as of October 2013
State listed as Endangered	SE 47
State listed as Threatened	ST 35
Federally listed as Endangered	FE 91
Federally listed as Threatened	FT 39
State Candidate (T or E)	SC 8
State Candidate (Delisting)	SCD 0
Federally proposed (Endangered)	FPE 2
Federally proposed (Threatened)	FPT 3
Federally proposed (Delisting)	FPD 4
<div style="display: flex; justify-content: space-between;"> Total number of candidate/proposed animals for listing 13 </div> <div style="display: flex; justify-content: space-between; margin-left: 40px;"> Number of animals State listed only 31 </div> <div style="display: flex; justify-content: space-between; margin-left: 40px;"> Number of animals Federally listed only 69 </div> <div style="display: flex; justify-content: space-between; margin-left: 40px;"> Number of animals listed under both State & Federal Acts 49 </div> <hr style="width: 100%;"/> <div style="display: flex; justify-content: space-between;"> Total number of animals listed (excludes double counting DPSs and ESUs) 149 </div>	

Common and scientific names are shown as they appear on the state or federal lists. If the nomenclature differs for a species that is included on both lists, the state nomenclature is given and the federal nomenclature is shown in a footnote. Synonyms, name changes, and other clarifying points are also footnoted.

The “List Date” for **final** federal listing is the date the listing became effective. This is usually not the date of publication of the rule in the Federal Register; it is usually about 30 days after publication, but may be longer.

If an animal was previously listed and no longer has any listing status, the entry has been **grayed out**. If an animal was previously proposed or a candidate for listing, but the listing was not warranted or revoked, the record has been removed from the table.

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

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	State Listing		Federal Listing	
<u>GASTROPODS</u>				
Trinity bristle snail <i>Monadenia setosa</i> ¹	ST	10-02-80		
Morro shoulderband (=banded dune) snail <i>Helminthoglypta walkeriana</i>			FE ²	1-17-95
White abalone <i>Haliotis sorenseni</i>			FE ³ FE	11-16-05 6-28-01
Black abalone <i>Haliotis cracherodii</i>			FE ⁴ FE	4-13-11 2-13-09
<u>CRUSTACEANS</u>				
Riverside fairy shrimp <i>Streptocephalus woottoni</i>			FE	8-03-93
Conservancy fairy shrimp <i>Branchinecta conservatio</i>			FE	9-19-94
Longhorn fairy shrimp <i>Branchinecta longiantenna</i>			FE	9-19-94
Vernal pool fairy shrimp <i>Branchinecta lynchi</i>			FT	9-19-94
San Diego fairy shrimp <i>Branchinecta sandiegonensis</i>			FE	2-03-97
Vernal pool tadpole shrimp <i>Lepidurus packardii</i>			FE	9-19-94
Shasta crayfish <i>Pacifastacus fortis</i>	<u>SE</u> ST	2-26-88 10-02-80	FE	9-30-88
California freshwater shrimp <i>Syncaris pacifica</i>	SE	10-02-80	FE	10-31-88
<u>INSECTS</u>				
Zayante band-winged grasshopper <i>Trimerotropis infantilis</i>			FE	2-24-97
Mount Hermon June beetle <i>Polyphylla barbata</i>			FE	2-24-97
Casey's June beetle <i>Dinacoma caseyi</i>			FE	10-24-11
Delta green ground beetle <i>Elaphrus viridis</i>			FT	8-08-80

¹ Current taxonomy is *Monadenia infumata setosa*.

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

³ Listed by NMFS in 2001 and by USFWS in 2005.

⁴ Listed by NMFS in 2009 and by USFWS in 2011.

	State Listing		Federal Listing	
Valley elderberry longhorn beetle <i>Desmocerus californicus dimorphus</i>			FPD FT	10-2-12 8-08-80
Ohlone tiger beetle <i>Cicindela ohlone</i>			FE	10-03-01
Kern primrose sphinx moth <i>Euproserpinus euterpe</i>			FT	4-08-80
Mission blue butterfly <i>Icaricia icarioides missionensis</i> ⁵			FE	6-01-76
Lotis blue butterfly <i>Lycaeides argyrognomon lotis</i> ⁶			FE	6-01-76
Palos Verdes blue butterfly <i>Glaucopsyche lygdamus palosverdesensis</i>			FE	7-02-80
El Segundo blue butterfly <i>Euphilotes battoides allyni</i>			FE	6-01-76
Smith's blue butterfly <i>Euphilotes enoptes smithi</i>			FE	6-01-76
San Bruno elfin butterfly <i>Callophrys mossii bayensis</i>			FE	6-01-76
Lange's metalmark butterfly <i>Apodemia mormo langei</i>			FE	6-01-76
Bay checkerspot butterfly <i>Euphydryas editha bayensis</i>			FT	10-18-87
Quino checkerspot butterfly <i>Euphydryas editha quino</i> (= <i>E. e. wrighti</i>)			FE	1-16-97
Carson wandering skipper <i>Pseudocopaodes eunus obscurus</i>			FE	8-07-02
Laguna Mountains skipper <i>Pyrgus ruralis lagunae</i>			FE	1-16-97
Callippe silverspot butterfly <i>Speyeria callippe callippe</i>			FE	12-05-97
Behren's silverspot butterfly <i>Speyeria zerene behrensii</i>			FE	12-05-97
Oregon silverspot butterfly ⁷ <i>Speyeria zerene hippolyta</i>			FT	7-02-80
Myrtle's silverspot butterfly ⁸ <i>Speyeria zerene myrtleae</i>			FE	6-22-92

⁵ Current taxonomy is *Plebejus icarioides missionensis*.

⁶ Current taxonomy is *Plebejus idas lotis*.

⁷ Also known by the common name Hippolyta fritillary.

⁸ The USFWS and others have not yet determined if the taxonomic expansion by Emmel and Emmel (1998) into *S. z. myrtleae* and *S. z. puntareyes* is warranted. The *Speyeria zerene* along coast of Marin and Sonoma Counties are Federally Endangered under the subspecies concept in the 1992 listing.

	State Listing		Federal Listing	
Delhi Sands flower-loving fly <i>Rhaphiomidas terminatus abdominalis</i>			FE	9-23-93
<u>FISHES</u>				
White shark <i>Carcharodon carcharias</i>	SC	2-19-13		
Green sturgeon - southern DPS <i>Acipenser medirostris</i>			FT ⁹	6-06-06
Mohave tui chub <i>Gila bicolor mohavensis</i> ¹⁰	SE	6-27-71	FE	10-13-70
Owens tui chub <i>Gila bicolor snyderi</i> ¹¹	SE	1-10-74	FE	8-05-85
Thicktail chub (Extinct) <i>Gila crassicauda</i>	<u>Delisted</u> SE	10-02-80 1-10-74		
Bonytail ¹² <i>Gila elegans</i>	<u>SE</u> ST	1-10-74 6-27-71	FE	4-23-80
Clear Lake hitch <i>Lavinia exilicauda chi</i>	SC	3-11-13		
Colorado pikeminnow <i>Ptychocheilus lucius</i>	SE	6-27-71	FE	3-11-67
Modoc sucker <i>Catostomus microps</i>	<u>SE</u> ST	10-02-80 1-10-74	FE	6-11-85
Santa Ana sucker <i>Catostomus santaanae</i>			FT ¹³	5-12-00
Shortnose sucker <i>Chasmistes brevirostris</i>	<u>SE</u> ST	1-10-74 6-27-71	FE	7-18-88
Lost River sucker <i>Deltistes luxatus</i>	<u>SE</u> ST	1-10-74 6-27-67	FE	7-18-88
Razorback sucker <i>Xyrauchen texanus</i>	<u>SE</u> ST	1-10-74 6-27-71	FE	10-23-91
Delta smelt <i>Hypomesus transpacificus</i>	<u>SE</u> ST	1-20-10 12-09-93	FT	3-05-93
Longfin smelt <i>Spirinchus thaleichthys</i>	ST	4-09-10		
Pacific eulachon - southern DPS <i>Thaleichthys pacificus</i>			FT FT	4-13-11 ¹⁴ 5-17-10

⁹ Includes all spawning populations south of the Eel River.

¹⁰ Current taxonomy: *Siphateles bicolor mohavensis*.

¹¹ Current taxonomy: *Siphateles bicolor snyderi*.

¹² Federal common name: bonytail chub.

¹³ Populations in the Los Angeles, San Gabriel, and Santa Ana River basins.

¹⁴ Eulachon was listed as Threatened by the NMFS in 2010 and by the USFWS in 2011.

	State Listing		Federal Listing	
Lahontan cutthroat trout <i>Oncorhynchus clarkii henshawi</i> ¹⁵			FT FE	7-16-75 10-13-70
Paiute cutthroat trout <i>Oncorhynchus clarkii seleniris</i>			FT FE	7-16-75 3-11-67 ¹⁶
Coho salmon - south of Punta Gorda ¹⁷ <i>Oncorhynchus kisutch</i>	SE ¹⁸	3-30-05	FE ¹⁹ FT	8-29-05 12-02-96
Coho salmon - Punta Gorda to the N. border of California ²⁰ <i>Oncorhynchus kisutch</i>	ST ²¹	3-30-05	FT ²² FT	8-29-05 6-05-97
Steelhead - southern California DPS ²³ <i>Oncorhynchus mykiss</i>			FE ²⁴ FE	2-06-06 10-17-97
Steelhead - south central California coast DPS ²⁵ <i>Oncorhynchus mykiss</i>			FT ²⁶ FT	2-06-06 10-17-97
Steelhead - central California coast DPS ²⁷ <i>Oncorhynchus mykiss</i>			FT ²⁸ FT	2-06-06 10-17-97
Steelhead - California Central Valley DPS ²⁹ <i>Oncorhynchus mykiss</i>			FT ³⁰ FT	2-06-06 5-18-98
Steelhead - northern California DPS ³¹ <i>Oncorhynchus mykiss</i>			FT ³² FT	2-06-06 8-07-00
Little Kern golden trout <i>Oncorhynchus mykiss whitei</i> ³³			FT	4-13-78
Chinook salmon - winter-run ³⁴ <i>Oncorhynchus tshawytscha</i>	SE	9-22-89	FE ³⁵ FE	8-29-05 2-03-94

¹⁵ According to the American Fisheries Society Special Publication 29 (2004), “clarkii” has two i’s.

¹⁶ All species with a list date of 03-11-67 were listed under the Endangered Species Preservation Act of October 15, 1966.

¹⁷ The Federal listing is for central California coast Coho ESU and includes populations from Punta Gorda south to, and including, the San Lorenzo River as well as populations in tributaries to San Francisco Bay, excluding the Sacramento-San Joaquin River system.

¹⁸ The Coho south of San Francisco Bay were state listed in 1995. In Feb 2004 the Fish and Game Commission determined that the Coho from San Francisco to Punta Gorda should also be listed as Endangered. This change was finalized by the Office of Administrative Law on 30 Mar 2005.

¹⁹ The NMFS completed a comprehensive status review in 2005 reaffirming the status.

²⁰ The Federal listing is for southern Oregon/northern California coast Coho ESU and includes populations in coastal streams between Cape Blanco, Oregon and Punta Gorda, California.

²¹ The Fish and Game Commission determined that the Coho from Punta Gorda to the Oregon border should be listed as Threatened on 25 Feb 2004. This determination was finalized by the Office of Administrative Law on 30 Mar 2005.

²² The NMFS completed a comprehensive status review in 2005 reaffirming the status.

²³ Coastal basins from the Santa Maria River (inclusive), south to the U.S.-Mexico Border.

²⁴ The NMFS completed a comprehensive status review in 2006 reaffirming the status.

²⁵ Coastal basins from the Pajaro River (inclusive) south to, but not including, the Santa Maria River.

²⁶ The NMFS completed a comprehensive status review in 2006 reaffirming the status.

²⁷ Coastal streams from the Russian River (inclusive) to Aptos Creek (inclusive), and the drainages of San Francisco, San Pablo, and Suisun Bays eastward to Chippis Island at the confluence of the Sacramento and San Joaquin Rivers; and tributary streams to Suisun Marsh including Suisun Creek, Green Valley Creek, and an unnamed tributary to Cordelia Slough (commonly referred to as Red Top Creek), exclusive of the Sacramento-San Joaquin River Basin of the California Central Valley.

²⁸ The NMFS completed a comprehensive status review in 2006 reaffirming the status.

²⁹ The Sacramento and San Joaquin Rivers and their tributaries.

³⁰ The NMFS completed a comprehensive status review in 2006 reaffirming the status.

³¹ Naturally spawned populations residing below impassable barriers in coastal basins from Redwood Creek in Humboldt County to, and including, the Gualala River in Mendocino County.

³² The NMFS completed a comprehensive status review in 2006 reaffirming the status.

³³ Originally listed as *Salmo aguabonita whitei*. The genus *Salmo* was reclassified as *Oncorhynchus* changing the name to *Oncorhynchus aguabonita whitei*. However, recent studies indicate this is a subspecies of rainbow trout, therefore *Oncorhynchus mykiss whitei*.

³⁴ The federal designation is for Chinook salmon - Sacramento River winter-run ESU and described as winter-run populations in the Sacramento River and its tributaries in California.

	State Listing		Federal Listing	
Chinook salmon - California coastal ESU ³⁶ <i>Oncorhynchus tshawytscha</i>			FT ³⁷ FT	8-29-05 11-15-99
Chinook salmon - spring-run ³⁸ <i>Oncorhynchus tshawytscha</i>	ST	2-05-99	FT ³⁹ FT	8-29-05 11-15-99
Bull trout <i>Salvelinus confluentus</i>	SE	10-02-80	FT	12-01-99
Desert pupfish <i>Cyprinodon macularius</i>	SE	10-02-80	FE	3-31-86
Tecopa pupfish (Extinct) <i>Cyprinodon nevadensis calidiae</i>	Delisted SE	1987 6-27-71	Delisted FE	1-15-82 10-13-70
Owens pupfish <i>Cyprinodon radiosus</i>	SE	6-27-71	FE	3-11-67
Cottonball Marsh pupfish <i>Cyprinodon salinus milleri</i>	ST	1-10-74		
Unarmored threespine stickleback <i>Gasterosteus aculeatus williamsoni</i>	SE	6-27-71	FE	10-13-70
Rough sculpin <i>Cottus asperimus</i>	ST	1-10-74		
Tidewater goby <i>Eucyclogobius newberryi</i>			FE ⁴⁰	2-04-94
<u>AMPHIBIANS</u>				
California tiger salamander ⁴¹ <i>Ambystoma californiense</i>	ST ⁴²	8-19-10	(FE) (FT)	
California tiger salamander - central California DPS <i>Ambystoma californiense</i>	(ST)		FT ⁴³	9-03-04
California tiger salamander - Santa Barbara County DPS <i>Ambystoma californiense</i>	(ST)		FE ⁴³	9-15-00
California tiger salamander - Sonoma County DPS <i>Ambystoma californiense</i>	(ST)		FE ⁴³	3-19-03
Santa Cruz long-toed salamander <i>Ambystoma macrodactylum croceum</i>	SE	6-27-71	FE	3-11-67

³⁵ The NMFS completed a comprehensive status review in 2005 reaffirming the status.

³⁶ Rivers and streams south of the Klamath River to the Russian River.

³⁷ The NMFS completed a comprehensive status review in 2005 reaffirming the status.

³⁸ The State listing is for "Spring-run chinook salmon (*Oncorhynchus tshawytscha*) of the Sacramento River drainage." The Federal listing is for Central Valley spring-run Chinook ESU and includes populations of spring-run Chinook salmon in the Sacramento River and its tributaries including the Feather River.

³⁹ The NMFS completed a comprehensive status review in 2005 reaffirming the status.

⁴⁰ See Federal Register 76(12):3071, 19 Jan 2011, for a summary of listing, proposed delisting, and down-list petition.

⁴¹ The State listing refers to the entire range of the species.

⁴² Adopted 20 May 2010. The Office of Administrative Law approved the listing on 21 Aug 2010 and the effective date of regulations was 19 Aug 2010.

⁴³ In 2004 the California tiger salamander was listed as Threatened statewide. The Santa Barbara County and Sonoma County Distinct Vertebrate Population Segments (DPS), formerly listed as Endangered, were reclassified to Threatened. On 19 Aug 2005 U.S. District court vacated the down-listing of the Sonoma and Santa Barbara populations from Endangered to Threatened. Therefore, the Sonoma & Santa Barbara populations are once again listed as Endangered.

	State Listing		Federal Listing	
Siskiyou Mountains salamander ⁴⁴ <i>Plethodon stormi</i>	ST ⁴⁵	6-27-71		
Scott Bar salamander <i>Plethodon asupak</i>	ST ⁴⁶	6-27-71		
Tehachapi slender salamander <i>Batrachoseps stebbinsi</i>	ST	6-27-71		
Kern Canyon slender salamander <i>Batrachoseps simatus</i>	ST	6-27-71		
Desert slender salamander <i>Batrachoseps aridus</i> ⁴⁷	SE	6-27-71	FE	6-04-73
Shasta salamander <i>Hydromantes shastae</i>	ST	6-27-71		
Limestone salamander <i>Hydromantes brunus</i>	ST	6-27-71		
Black toad <i>Bufo exsul</i> ⁴⁸	ST	6-27-71		
Arroyo toad <i>Anaxyrus californicus</i> ⁴⁹			FE	1-17-95
Yosemite toad <i>Anaxyrus canorus</i>			FPT	4-25-13
California red-legged frog <i>Rana aurora draytonii</i> ⁵⁰			FT	5-20-96
Oregon spotted frog <i>Rana pretiosa</i>			FPT	8-29-13
Southern mountain yellow-legged frog ⁵¹ <i>Rana muscosa</i>	SE	4-1-13	(FE) (FPE)	
Mountain yellow-legged frog - southern California DPS ⁵² <i>Rana muscosa</i>	(SE)		FE	8-01-02
Mountain yellow-legged frog - northern California DPS ⁵³ <i>Rana muscosa</i>	(SE)		FPE	4-25-13

⁴⁴ The common name is spelled incorrectly in Title 14 of the CCR as “Siskiyou mountain salamander.”

⁴⁵ Was a State Candidate for Delisting on 30 Sep 2005. No action was taken by the FGC after the CDFW presented a Department report on 3 Nov 2006; SMS was tabled at the 3 May 2007 FGC meeting, and there was nothing to report regarding the Department’s environmental documents at the 11 Oct 2007 meeting. Therefore, with respect to Fish & Game Code 2075, it is assumed that this is no longer a candidate for delisting.

⁴⁶ As recognized by the FGC, the Scott Bar salamander is currently protected under the CESA as a sub-population of the Siskiyou Mountains salamander (*Plethodon stormi*) (Calif. Regulatory Notice Register, No. 21-Z, p. 916, 25 May 2007).

⁴⁷ Current taxonomy: *Batrachoseps major aridus*.

⁴⁸ Current taxonomy: *Anaxyrus exsul*.

⁴⁹ At the time of listing, arroyo toad was known as *Bufo microscaphus californicus*, a subspecies of southwestern toad. In 2001 it was determined to be its own species, *Bufo californicus*. Since then, many species in the genus *Bufo* were changed to the genus *Anaxyrus*, and now arroyo toad is known as *Anaxyrus californicus*.

⁵⁰ Current taxonomy: *Rana draytonii*.

⁵¹ Though the scientific name *Rana muscosa* is not disputed, the State uses this common name, whereas the USFWS listing refers to two distinct population segments. This species is also known by the common name Sierra Madre yellow-legged frog (Vredenburg et al. 2007).

⁵² San Gabriel, San Jacinto, and San Bernardino Mountains only.

⁵³ North of the Tehachapi Mountains from the Monarch Divide to portions of the Kern River drainage.

	State Listing		Federal Listing	
Sierra Nevada yellow-legged frog <i>Rana sierrae</i>	ST	4-1-13	FPE	4-25-13
<u>REPTILES</u>				
Desert tortoise <i>Gopherus agassizii</i>	ST	8-03-89	FT	4-02-90
Green sea turtle ⁵⁴ <i>Chelonia mydas</i>			<u>FT</u> FE	7-28-78 10-13-70
Loggerhead sea turtle - North Pacific DPS ⁵⁵ <i>Caretta caretta</i>			<u>FE</u> FT	10-24-11 7-28-78
Olive (=Pacific) ridley sea turtle <i>Lepidochelys olivacea</i>			FT	7-28-78
Leatherback sea turtle <i>Dermochelys coriacea</i>			FE	6-02-70
Barefoot banded gecko ⁵⁶ <i>Coleonyx switaki</i>	ST	10-02-80		
Coachella Valley fringe-toed lizard <i>Uma inornata</i>	SE	10-02-80	FT	9-25-80
Blunt-nosed leopard lizard <i>Gambelia silus</i> ⁵⁷	SE	6-27-71	FE	3-11-67
Island night lizard <i>Xantusia riversiana</i>			FPD <u>FT</u>	2-4-13 8-11-77
Southern rubber boa <i>Charina bottae umbratica</i> ⁵⁸	ST	6-27-71		
Alameda whipsnake <i>Masticophis lateralis euryxanthus</i>	ST	6-27-71	FT	12-05-97
San Francisco garter snake <i>Thamnophis sirtalis tetrataenia</i>	SE	6-27-71	FE	3-11-67
Giant garter snake <i>Thamnophis couchi gigas</i> ⁵⁹	ST	6-27-71	FT	10-20-93
<u>BIRDS</u>				
Short-tailed albatross <i>Phoebastria albatrus</i>			FE FE	8-30-00 ⁶⁰ 6-2-1970

⁵⁴ Current nomenclature: green turtle.

⁵⁵ The 1978 listing was for the worldwide range of the species. The 24 Oct 2011 final rule is for the North Pacific DPS (north of the equator & south of 60 degrees north latitude).

⁵⁶ Current nomenclature: Barefoot gecko.

⁵⁷ Current taxonomy: *Gambelia sila*. Originally listed under the ESA as *Crotaphytus wislizenii silus*.

⁵⁸ Current taxonomy: *Charina umbratica*.

⁵⁹ Current taxonomy and Federal listing: *Thamnophis gigas*.

⁶⁰ Listed as Endangered in one of the original species list, but “due to an inadvertent oversight” when the 1973 ESA repealed the 1969 Act, short-tailed albatross was effectively delisted. Proposed listing to fix this error in 1980, with final rule in 2000.

	State Listing		Federal Listing	
California brown pelican ⁶¹ (Recovered) <i>Pelecanus occidentalis californicus</i>	Delisted SE	6-03-09 6-27-71	Delisted FE	12-17-09 2-20-08 10-13-70
Aleutian Canada goose (Recovered) <i>Branta canadensis leucopareia</i> ⁶²			Delisted FT FE	3-20-01 12-12-90 3-11-67
California condor <i>Gymnogyps californianus</i>	SE	6-27-71	FE	3-11-67
Bald eagle <i>Haliaeetus leucocephalus</i>	SE (rev) SE	10-02-80 6-27-71	Delisted ⁶³ FT FE (rev) FE	8-08-07 7-06-99 8-11-95 2-14-78 3-11-67
Swainson's hawk <i>Buteo swainsoni</i>	ST	4-17-83		
American peregrine falcon (Recovered) <i>Falco peregrinus anatum</i>	Delisted SE	11-04-09 6-27-71	Delisted FE	8-25-99 6-02-70
Arctic peregrine falcon (Recovered) <i>Falco peregrinus tundrius</i>			Delisted FT FE	10-05-94 3-20-84 6-02-70
California black rail <i>Laterallus jamaicensis coturniculus</i>	ST	6-27-71		
California clapper rail <i>Rallus longirostris obsoletus</i>	SE	6-27-71	FE	10-13-70
Light-footed clapper rail <i>Rallus longirostris levipes</i>	SE	6-27-71	FE	10-13-70
Yuma clapper rail <i>Rallus longirostris yumanensis</i>	ST SE	2-22-78 6-27-71	FE	3-11-67
Greater sandhill crane <i>Grus canadensis tabida</i>	ST	4-17-83		
Western snowy plover <i>Charadrius alexandrinus nivosus</i> ⁶⁴			FT ⁶⁵	4-05-93
California least tern <i>Sterna antillarum browni</i> ⁶⁶	SE	6-27-71	FE	10-13-70
Marbled murrelet <i>Brachyramphus marmoratus</i>	SE	3-12-92	FT	9-30-92

⁶¹ Federal nomenclature: Brown pelican (*Pelecanus occidentalis*).

⁶² Current taxonomy: Cackling goose (*Branta hutchinsii leucopareia*).

⁶³ The Post-delisting Monitoring Plan will monitor the status of the bald eagle over a 20 year period with sampling events held once every 5 years.

⁶⁴ Current taxonomy: *Charadrius nivosus nivosus* (AOU 2011).

⁶⁵ Federal status applies only to the Pacific coastal population.

⁶⁶ Current taxonomy: *Sternula antillarum browni*.

	State Listing		Federal Listing	
Xantus's murrelet ⁶⁷ <i>Synthliboramphus hypoleucus</i>	ST ⁶⁸	12-22-04		
Western yellow-billed cuckoo <i>Coccyzus americanus occidentalis</i>	<u>SE</u> ST	3-26-88 6-27-71		
Elf owl <i>Micrathene whitneyi</i>	SE	10-02-80		
Northern spotted owl <i>Strix occidentalis caurina</i>	SC ⁶⁹		FT	6-22-90
Great gray owl <i>Strix nebulosa</i>	SE	10-02-80		
Gila woodpecker <i>Melanerpes uropygialis</i>	SE	3-17-88		
Black-backed woodpecker <i>Picoides arcticus</i>	SC	12-27-11		
Gilded northern flicker ⁷⁰ <i>Colaptes auratus chrysoides</i>	SE	3-17-88		
Willow flycatcher <i>Empidonax traillii</i>	SE ⁷¹	1-02-91		
Southwestern willow flycatcher <i>Empidonax traillii extimus</i>	(SE)		FE	3-29-95
Bank swallow <i>Riparia riparia</i>	ST	6-11-89		
Coastal California gnatcatcher <i>Polioptila californica californica</i>			FT	3-30-93
San Clemente loggerhead shrike <i>Lanius ludovicianus mearnsi</i>			FE	8-11-77
Arizona Bell's vireo <i>Vireo bellii arizonae</i>	SE	3-17-88		
Least Bell's vireo <i>Vireo bellii pusillus</i>	SE	10-02-80	FE	5-02-86
Inyo California towhee <i>Pipilo crissalis eremophilus</i> ⁷²	SE	10-02-80	FT	8-03-87
San Clemente sage sparrow <i>Amphispiza belli clementeae</i>			FT	8-11-77

⁶⁷ According to the AOU (2012), this protected species that breeds on islands in southern California is now known as the Scripps's Murrelet (*Synthliboramphus scrippsi*).

⁶⁸ The FGC determined that Xantus's murrelet should be listed as a Threatened species 24 Feb 2004. The decision was reviewed by the OAL and the listing became effective on 22 Dec 2004.

⁶⁹ The FGC passed the motion to designate the northern spotted owl as a Candidate for Threatened or Endangered species status at their meeting on 7 Aug 2013; a formal Notice of Finding has not yet been posted.

⁷⁰ Current taxonomy: Gilded flicker (*Colaptes chrysoides*).

⁷¹ State listing includes all subspecies.

⁷² Current taxonomy: *Melospiza crissalis eremophilus*.

	State Listing		Federal Listing	
Belding's savannah sparrow <i>Passerculus sandwichensis beldingi</i>	SE	1-10-74		
Santa Barbara song sparrow (Extinct) <i>Melospiza melodia graminea</i>			Delisted FE	10-12-83 6-04-73
<u>MAMMALS</u>				
Point Arena mountain beaver <i>Aplodontia rufa nigra</i>			FE	12-12-91
San Joaquin antelope squirrel ⁷³ <i>Ammospermophilus nelsoni</i>	ST	10-02-80		
Mohave ground squirrel <i>Spermophilus mohavensis</i> ⁷⁴	ST	6-27-71		
Morro Bay kangaroo rat <i>Dipodomys heermanni morroensis</i>	SE	6-27-71	FE	10-13-70
Giant kangaroo rat <i>Dipodomys ingens</i>	SE	10-02-80	FE	1-05-87
San Bernardino kangaroo rat ⁷⁵ <i>Dipodomys merriami parvus</i>			FE	9-24-98
Tipton kangaroo rat <i>Dipodomys nitratooides nitratooides</i>	SE	6-11-89	FE	7-08-88
Fresno kangaroo rat <i>Dipodomys nitratooides exilis</i>	SE ST	10-02-80 6-27-71	FE	3-01-85
Stephens' kangaroo rat <i>Dipodomys stephensi</i>	ST	6-27-71	FE	9-30-88
Pacific pocket mouse <i>Perognathus longimembris pacificus</i>			FE	9-26-94
Amargosa vole <i>Microtus californicus scirpensis</i>	SE	10-02-80	FE	11-15-84
Riparian woodrat <i>Neotoma fuscipes riparia</i>			FE	3-24-00
Salt-marsh harvest mouse <i>Reithrodontomys raviventris</i>	SE	6-27-71	FE	10-13-70
American pika <i>Ochotona princeps</i>	SC	10-26-11		
Riparian brush rabbit <i>Sylvilagus bachmani riparius</i>	SE	5-29-94	FE	3-24-00
Buena Vista Lake ornate shrew <i>Sorex ornatus relictus</i>			FE	4-05-02

⁷³ Current taxonomy: Nelson's antelope squirrel.

⁷⁴ Current taxonomy: *Xerospermophilus mohavensis*.

⁷⁵ Federal nomenclature: San Bernardino Merriam's kangaroo rat.

	State Listing		Federal Listing	
Lesser long-nosed bat <i>Leptonycteris yerbabuenae</i>			FE	10-31-88
Townsend's big-eared bat <i>Corynorhinus townsendii</i>	SC ⁷⁶			
Gray wolf <i>Canis lupus</i>	SC	10-18-12	FPD FE	6-13-13 4-10-78
Island fox <i>Urocyon littoralis</i>	ST ⁷⁷	6-27-71	(FE)	
San Miguel Island Fox <i>Urocyon littoralis littoralis</i>	(ST)		FE	4-05-04
Santa Catalina Island Fox <i>Urocyon littoralis catalinae</i>	(ST)		FE	4-05-04
Santa Cruz Island Fox <i>Urocyon littoralis santacruzae</i>	(ST)		FE	4-05-04
Santa Rosa Island Fox <i>Urocyon littoralis santarosae</i>	(ST)		FE	4-05-04
San Joaquin kit fox <i>Vulpes macrotis mutica</i>	ST	6-27-71	FE	3-11-67
Sierra Nevada red fox <i>Vulpes vulpes necator</i>	ST	10-02-80		
Guadalupe fur seal <i>Arctocephalus townsendi</i>	ST	6-27-71	FT FE	1-15-86 3-11-67
Steller sea lion - Eastern DPS <i>Eumetopias jubatus</i>			FPD FT FT	4-18-12 6-4-97 ⁷⁸ 4-05-90
Southern sea otter <i>Enhydra lutris nereis</i>			FT	1-14-77
Wolverine <i>Gulo gulo</i>	ST	6-27-71	FPT ⁷⁹	2-4-13
Pacific fisher ⁸⁰ <i>Martes pennanti</i>	SC ⁸¹	3-11-13 4-14-09		
California (=Sierra Nevada) bighorn sheep <i>Ovis canadensis californiana</i> ⁸²	SE ST	8-27-99 6-27-71	FE	1-03-00

⁷⁶ The FGC passed the motion to designate the Townsend's big-eared bat as a candidate for Threatened or Endangered species status at their meeting on 26 Jun 2013; a formal Notice of Finding has not yet been posted.

⁷⁷ State listing includes all 6 subspecies on all 6 islands. Federal listing is for only 4 subspecies on 4 islands.

⁷⁸ The NMFS reclassified Steller sea lion as two distinct population segments: western DPS west of 144 degrees longitude (Endangered), and eastern DPS east of 144 degrees longitude (Threatened).

⁷⁹ Federal proposed listing is for the distinct population segment of the North American wolverine (*Gulo gulo luscus*) occurring in the contiguous U.S.

⁸⁰ The FGC during their review has recognized the common name Pacific fisher, whereas the USFWS recognizes the common name fisher, and candidacy refers to the West Coast DPS in California, Oregon, and Washington.

⁸¹ The FGC Notice of Findings stated that the Pacific fisher was a candidate for listing as either an Endangered or Threatened species. At the 23 Jun 2010 meeting the FGC determined that the listing was not warranted. An 11 Mar 2013 Notice of Findings stated that pursuant to court order, the FGC set aside its 15 Sep 2010 findings rejecting the petition to list, and the Pacific fisher is a candidate species for the purposes of CESA.

⁸² Current & Federal taxonomy: Sierra Nevada bighorn sheep (*Ovis canadensis sierrae*)

	State Listing		Federal Listing	
Peninsular bighorn sheep DPS ⁸³ <i>Ovis canadensis cremnobates</i>	ST	6-27-71	FE	3-18-98
North Pacific right whale <i>Eubalaena japonica</i> ⁸⁴			FE ⁸⁵ FE	4-7-08 6-02-70
Sei whale <i>Balaenoptera borealis</i>			FE	6-02-70
Blue whale <i>Balaenoptera musculus</i>			FE	6-02-70
Fin whale <i>Balaenoptera physalus</i>			FE	6-02-70
Humpback whale ⁸⁶ <i>Megaptera novaeangliae</i>			FE	6-02-70
Gray whale (Recovered) <i>Eschrichtius robustus</i>			Delisted FE	6-15-94 6-02-70
Killer whale (Southern resident DPS) <i>Orcinus orca</i>			FE ⁸⁷ FE	4-04-07 2-16-06 12-22-04
Sperm whale <i>Physeter macrocephalus</i> ⁸⁸			FE	6-02-70

⁸³ Current taxonomy: the subspecies *O.c. cremnobates* has been synonymized with *O.c. nelsoni*. The desert bighorn sheep in the Peninsular Ranges, the Peninsular bighorn sheep, is now considered to be a Distinct Population Segment (DPS) of the subspecies.

⁸⁴ The scientific name was clarified in the Federal Register Vol. 68, No. 69 April 10, 2003.

⁸⁵ The NMFS completed a status review of right whales in the N. Pacific and N. Atlantic Oceans and determined the previously Endangered northern right whale (*Eubalaena* spp.) as two separate Endangered species: North Pacific right whale (*E. japonica*) and North Atlantic right whale (*E. glacialis*).

⁸⁶ Also known as Hump-backed whale.

⁸⁷ The killer whale was listed as Endangered by the NMFS on Feb 16, 2006 and by the USFWS on Apr 4, 2007.

⁸⁸ Current taxonomy: *Physeter catodon* with *P. macrocephalus* as a synonym.

ABBREVIATIONS

AOU: American Ornithologists' Union

CCR: California Code of Regulations

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

CESA: California Endangered Species Act

DPS: Distinct population segment

ESA: Endangered Species Act (Federal)

ESU: Evolutionarily significant unit

FGC: California Fish and Game Commission

NMFS: National Marine Fisheries Service

NOAA: National Oceanic and Atmospheric Administration

USFWS: United States Fish and Wildlife Service

ADDITIONAL RESOURCES

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

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

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

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

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

STATE AND FEDERALLY LISTED
ENDANGERED, THREATENED, AND RARE PLANTS OF CALIFORNIA

July 2013

Designations and Subtotals for each Designation:

Designations:	Subtotals:
SE State-listed endangered	134
ST State-listed threatened	22
SR State-listed rare	64
SC State candidate for listing	0
FE Federally listed endangered	139
FT Federally listed threatened	47
FPE Federally proposed endangered	0
FPT Federally proposed threatened	0
Both State and Federally listed	125

State listing is pursuant to §1904 (Native Plant Protection Act of 1977) and §2074.2 and §2075.5 (California Endangered Species Act of 1984) of the Fish and Game Code, relating to listing of Endangered, Threatened and Rare species of plants and animals. Federal listing is pursuant with the Federal Endangered Species Act of 1973, as amended. For information regarding plant conservation, contact the Habitat Conservation Planning Branch, 1416 Ninth Street, Sacramento, CA 95814, phone (916) 653-9767, or the nearest Department of Fish and Wildlife office. For information on this list, contact CNDDDB's Information Services at (916) 324-3812. Scientific and common names for State-listed plants are listed in Title 14, §670.2. Scientific or common names in parentheses are the most scientifically accepted nomenclature but have yet to be officially adopted into the California Code of Regulations, Title 14, Division 1, §670.2.

State Designated Plants

Classification

	<u>State</u>	<u>List Date</u>	<u>Federal</u>	<u>List Date</u>
<i>Acanthomintha duttonii</i> San Mateo thorn-mint	SE	Jul 1979	FE	Sep 18,1985
<i>Acanthomintha ilicifolia</i> San Diego thorn-mint	SE	Jan 1982	FT	Oct 13,1998
<i>Agrostis blasdalei</i> var. <i>marinensis</i> (= <i>Agrostis blasdalei</i>) Marin bent grass		Delisted April 2008.		
<i>Allium munzii</i> Munz's onion	ST	Jan 1990	FE	Oct 13,1998
<i>Allium yosemitense</i> Yosemite onion	SR	Jul 1982		

State Designated Plants**Classification**

	<u>State</u>	<u>List Date</u>	<u>Federal</u>	<u>List Date</u>
<i>Alopecurus aequalis</i> var. <i>sonomensis</i> Sonoma alopecurus			FE	Oct 22,1997
<i>Ambrosia pumila</i> San Diego ambrosia			FE	July 2, 2002
<i>Amsinckia grandiflora</i> large-flowered fiddleneck	SE	Apr 1982	FE	May 08,1985
<i>Arabis hoffmannii</i> Hoffmann's rock cress			FE	Jul 31,1997
<i>Arabis mcdonaldiana</i> McDonald's rock cress	SE	Jul 1979	FE	Oct 29,1978
<i>Arctostaphylos bakeri</i> (=A. b. ssp. <i>bakeri</i> and A. b. ssp. <i>sublaevis</i>) Baker's manzanita	SR	Sep 1979		
<i>Arctostaphylos confertiflora</i> Santa Rosa Island manzanita			FE	Jul 31,1997
<i>Arctostaphylos densiflora</i> Vine Hill manzanita	SE	Aug 1981		
<i>Arctostaphylos edmundsii</i> var. <i>parvifolia</i> Hanging Gardens manzanita		Delisted April 2008		
<i>Arctostaphylos glandulosa</i> ssp. <i>crassifolia</i> Del Mar manzanita			FE	Oct 07,1996
<i>Arctostaphylos hookeri</i> ssp. <i>hearstiorum</i> Hearst's manzanita	SE	Sep 1979		
<i>Arctostaphylos montana</i> ssp. <i>ravenii</i> Presidio manzanita	SE	Nov 1978	FE	Oct 26,1979
<i>Arctostaphylos imbricata</i> San Bruno Mountain manzanita	SE	Sep 1979		
<i>Arctostaphylos morroensis</i> Morro manzanita			FT	Dec 15,1994
<i>Arctostaphylos myrtifolia</i> Ione manzanita			FT	May 26,1999
<i>Arctostaphylos pacifica</i> Pacific manzanita	SE	Sep 1979		
<i>Arctostaphylos pallida</i> pallid manzanita	SE	Nov 1979	FT	Apr 22,1998
<i>Arenaria paludicola</i> marsh sandwort	SE	Feb 1990	FE	Aug 03,1993
<i>Astragalus agnicidus</i> Humboldt milk-vetch	SE	Apr 1982		
<i>Astragalus albens</i> Cushenbury milk-vetch			FE	Aug 24,1994
<i>Astragalus brauntonii</i> Braunton's milk-vetch			FE	Jan 29,1997
<i>Astragalus claranus</i> Clara Hunt's milk-vetch	ST	Jan 1990	FE	Oct 22,1997
			FE	Oct 06,1998

State Designated Plants**Classification**

	<u>State</u>	<u>List Date</u>	<u>Federal</u>	<u>List Date</u>
<i>Astragalus jaegerianus</i> Lane Mountain milk-vetch				
<i>Astragalus johannis-howellii</i> Long Valley milk-vetch	SR	Jul 1982		
<i>Astragalus lentiginosus</i> var. <i>cochellae</i> Coachella Valley milk-vetch			FE	Oct 06,1998
<i>Astragalus lentiginosus</i> var. <i>piscinensis</i> Fish Slough milk-vetch			FT	Oct 06,1998
<i>Astragalus lentiginosus</i> var. <i>sesquimetralis</i> Sodaville milk-vetch	SE	Sep 1979		
<i>Astragalus magdalenae</i> var. <i>peirsonii</i> Peirson's milk-vetch	SE	Nov 1979	FT	Oct 06,1998
<i>Astragalus monoensis</i> Mono milk-vetch	SR	Jul 1982		
<i>Astragalus pycnostachyus</i> var. <i>lanosissimus</i> Ventura Marsh milk-vetch	SE	Apr 2000	FE	May 21,2001
<i>Astragalus tener</i> var. <i>titi</i> coastal dunes milk-vetch	SE	Feb 1982	FE	Aug 12,1998
<i>Astragalus traskiae</i> Trask's milk-vetch	SR	Nov 1979		
<i>Astragalus tricarinatus</i> triple-ribbed milk-vetch			FE	Oct 06,1998
<i>Atriplex coronata</i> var. <i>notatior</i> San Jacinto Valley crownscale			FE	Oct 13,1998
<i>Atriplex tularensis</i> Bakersfield smallscale	SE	Jan 1987		
<i>Baccharis vanessae</i> Encinitas baccharis	SE	Jan 1987	FT	Oct 07,1996
<i>Bensoniella oregona</i> bensoniella	SR	Jul 1982		
<i>Berberis nevinii</i> Nevin's barberry	SE	Jan 1987	FE	Oct 13,1998
<i>Berberis pinnata</i> ssp. <i>insularis</i> island barberry	SE	Nov 1979	FE	Jul 31,1997
<i>Blennosperma bakeri</i> Sonoma sunshine	SE	Feb 1992	FE	Dec 02,1991
<i>Blennosperma nanum</i> var. <i>robustum</i> Point Reyes blennosperma	SR	Nov 1978		
<i>Bloomeria humilis</i> dwarf goldenstar	SR	Nov 1978		
<i>Brodiaea coronaria</i> ssp. <i>rosea</i> Indian Valley brodiaea	SE	Sep 1979		
<i>Brodiaea filifolia</i> thread-leaved brodiaea	SE	Jan 1982	FT	Oct 13,1998

State Designated Plants**Classification**

	<u>State</u>	<u>List Date</u>	<u>Federal</u>	<u>List Date</u>
<i>Brodiaea insignis</i> Kaweah brodiaea	SE	Nov 1979		
<i>Brodiaea pallida</i> Chinese Camp brodiaea	SE	Nov 1978	FT	Sep 14,1998
<i>Calamagrostis foliosa</i> leafy reed grass	SR	Nov 1979		
<i>Calochortus dunnii</i> Dunn's mariposa lily	SR	Nov 1979		
<i>Calochortus persistens</i> Siskiyou mariposa lily	SR	Jul 1982		
<i>Calochortus tiburonensis</i> Tiburon mariposa lily	ST	May 1987	FT	Feb 03,1995
<i>Calyptridium pulchellum</i> Mariposa pussypaws			FT	Sep 14,1998
<i>Calystegia stebbinsii</i> Stebbins's morning-glory	SE	Aug 1981	FE	Oct 18,1996
<i>Camissonia benitensis</i> San Benito evening-primrose			FT	Feb 12,1985
<i>Carex albida</i> 1 white sedge	SE	Nov 1979	FE	Oct 22,1997
<i>Carex tompkinsii</i> Tompkins's sedge	SR	Nov 1979		
<i>Carpenteria californica</i> tree-anemone	ST	Jan 1990		
<i>Castilleja affinis</i> ssp. <i>neglecta</i> Tiburon Indian paintbrush	ST	Jan 1990	FE	Feb 03, 1995
<i>Castilleja campestris</i> ssp. <i>succulenta</i> succulent owl's-clover	SE	Sep 1979	FT	Mar 26,1997
<i>Castilleja cinerea</i> ash-gray Indian paintbrush			FT	Sep 14,1998
<i>Castilleja gleasonii</i> Mt. Gleason Indian paintbrush	SR	Jul 1982		
<i>Castilleja grisea</i> San Clemente Island Indian paintbrush	SE	Apr 1982	FE	Sep 12,1977

1 *Carex albida* has been removed from the list of Special Status Plants but has not yet been officially delisted as of July 2013. *Carex albida* is now considered to be a synonym of *Carex lemmonii*, a common taxon.

State Designated Plants**Classification**

	<u>State</u>	<u>List Date</u>	<u>Federal</u>	<u>List Date</u>
<i>Castilleja mollis</i> soft-leaved Indian paintbrush			FE	Jul 31,1997
<i>Castilleja uliginosa</i> Pitkin Marsh Indian paintbrush	SE	Nov 1978		
<i>Caulanthus californicus</i> California jewel-flower	SE	Jan 1987	FE	Jul 19,1990
<i>Caulanthus stenocarpus</i> slender-pod jewel-flower		Delisted April 2008		
<i>Ceanothus ferrisae</i> coyote ceanothus			FE	Feb 03,1995
<i>Ceanothus hearstiorum</i> Hearst's ceanothus	SR	Aug 1981		
<i>Ceanothus maritimus</i> maritime ceanothus	SR	Nov 1978		
<i>Ceanothus masonii</i> Mason's ceanothus	SR	Nov 1978		
<i>Ceanothus ophiochilus</i> Vail Lake ceanothus	SE	Jan 1994	FT	Oct 13,1998
<i>Ceanothus roderickii</i> Pine Hill ceanothus	SR	Jul 1982	FE	Oct 18,1996
<i>Cercocarpus traskiae</i> Catalina Island mountain-mahogany	SE	Apr 1982	FE	Aug 08,1997
<i>Chamaesyce hooveri</i> Hoover's spurge			FT	Mar 26,1997
<i>Chlorogalum purpureum</i> var. <i>purpureum</i> ² purple amole			FT	Mar 20,2000
<i>Chlorogalum purpureum</i> var. <i>reductum</i> ³ Camatta Canyon amole	SR	Nov 1978	FT	Mar 20,2000
<i>Chorizanthe howellii</i> Howell's spineflower	ST	Jan 1987	FE	Jun 22,1992
<i>Chorizanthe orcuttiana</i> Orcutt's spineflower	SE	Nov 1979	FE	Oct 07,1996

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

³ The U.S. Fish & Wildlife Service listed the entire species, *Chlorogalum purpureum*.

State Designated Plants**Classification**

	<u>State</u>	<u>List Date</u>	<u>Federal</u>	<u>List Date</u>
<i>Chorizanthe parryi</i> var. <i>fernandina</i> San Fernando Valley spineflower	SE	Aug 2001		
<i>Chorizanthe pungens</i> var. <i>hartwegiana</i> Ben Lomond spineflower			FE	Feb 04,1994
<i>Chorizanthe pungens</i> var. <i>pungens</i> Monterey spineflower			FT	Feb 04,1994
<i>Chorizanthe robusta</i> var. <i>hartwegii</i> Scotts Valley spineflower			FE	Feb 04,1994
<i>Chorizanthe robusta</i> var. <i>robusta</i> robust spineflower			FE	Feb 04,1994
<i>Chorizanthe valida</i> Sonoma spineflower	SE	Jan 1990	FE	Jun 22,1992
<i>Cirsium ciliolatum</i> Ashland thistle	SE	Sep 1982		
<i>Cirsium fontinale</i> var. <i>fontinale</i> fountain thistle	SE	Jul 1979	FE	Feb 03,1995
<i>Cirsium fontinale</i> var. <i>obispoense</i> Chorro Creek bog thistle	SE	Jun 1993	FE	Dec 15,1994
<i>Cirsium hydrophilum</i> var. <i>hydrophilum</i> Suisun thistle			FE	Nov 20,1997
<i>Cirsium rhotophilum</i> surf thistle	ST	Feb 1990		
<i>Cirsium scariosum</i> var. <i>loncholepis</i> La Graciosa thistle	ST	Feb 1990	FE	Mar 20,2000
<i>Clarkia franciscana</i> Presidio clarkia	SE	Nov 1978	FE	Feb 03,1995
<i>Clarkia imbricata</i> Vine Hill clarkia	SE	Nov 1978	FE	Oct 22,1997
<i>Clarkia lingulata</i> Merced clarkia	SE	Jan 1989		
<i>Clarkia speciosa</i> ssp. <i>immaculata</i> Pismo clarkia	SR	Nov 1978	FE	Dec 15,1994
<i>Clarkia springvillensis</i> Springville clarkia	SE	Sep 1979	FT	Sep 14,1998
<i>Cordylanthus maritimus</i> ssp. <i>maritimus</i> salt marsh bird's-beak	SE	Jul 1979	FE	Oct 29,1978
<i>Cordylanthus mollis</i> ssp. <i>mollis</i> soft bird's-beak	SR	Jul 1979	FE	Nov 20,1997
<i>Cordylanthus nidularius</i> Mt. Diablo bird's-beak	SR	Nov 1978		
<i>Cordylanthus palmatus</i> palmate-bracted bird's-beak	SE	May 1984	FE	Jul 01, 1986

State Designated Plants**Classification**

	<u>State</u>	<u>List Date</u>	<u>Federal</u>	<u>List Date</u>
<i>Cordylanthus rigidus</i> ssp. <i>littoralis</i> seaside bird's-beak	SE	Jan 1982		
<i>Cordylanthus tenuis</i> ssp. <i>capillaris</i> Pennell's bird's-beak	SR	Nov 1978	FE	Feb 03,1995
<i>Croton wigginsii</i> Wiggins' croton	SR	Jan 1982		
<i>Cryptantha roosiorum</i> bristlecone cryptantha	SR	Jul 1982		
<i>Cupressus abramsiana</i> Santa Cruz cypress	SE	Nov 1979	FE	Jan 08,1987
<i>Cupressus goveniana</i> ssp. <i>goveniana</i> Gowen cypress			FT	Aug 12,1998
<i>Dedeckera eurekensis</i> July gold	SR	Nov 1978		
<i>Deinandra arida</i> Red Rock tarplant	SR	Jul 1982		
<i>Deinandra conjugens</i> Otay tarplant	SE	Nov 1979	FT	Oct 13,1998
<i>Deinandra increscens</i> ssp. <i>villosa</i> Gaviota tarplant	SE	Jan 1990	FE	Mar 20,2000
<i>Deinandra minthornii</i> Santa Susana tarplant	SR	Nov 1978		
<i>Deinandra mohavensis</i> Mojave tarplant	SE	Aug 1981		
<i>Delphinium bakeri</i> Baker's larkspur	SE	April 2007	FE	Jan 26,2000
<i>Delphinium hesperium</i> ssp. <i>cuyamaca</i> Cuyamaca larkspur	SR	Jul 1982		
<i>Delphinium luteum</i> yellow larkspur	SR	Sep 1979	FE	Jan 26,2000
<i>Delphinium variegatum</i> ssp. <i>kinkiense</i> San Clemente Island larkspur	SE	Sep 1979	FE	Sep 12,1977
<i>Dichanthelium lanuginosum</i> var. <i>thermale</i> Geysers dichanthelium	SE	Sep 1978		
<i>Dieteria asteroides</i> var. <i>lagunensis</i> Mount Laguna aster	SR	Sep 1979		
<i>Dithyrea maritima</i> beach spectaclepod	ST	Feb 1990		
<i>Dodecahema leptoceras</i> slender-horned spineflower	SE	Jan 1982	FE	Sep 28,1987

State Designated Plants**Classification**

	<u>State</u>	<u>List Date</u>	<u>Federal</u>	<u>List Date</u>
<i>Downingia concolor</i> var. <i>brevior</i> Cuyamaca Lake downingia	SE	Feb 1982		
<i>Dudleya abramsii</i> ssp. <i>parva</i> Conejo dudleya			FT	Jan 29,1997
<i>Dudleya brevifolia</i> short-leaved dudleya	SE	Jan 1982		
<i>Dudleya cymosa</i> ssp. <i>agourensis</i> ⁴ Santa Monica Mtns. dudleya			FT	Jan 29, 1997
<i>Dudleya cymosa</i> ssp. <i>marcescens</i> marcescent dudleya	SR	Nov 1978	FT	Jan 29,1997
<i>Dudleya cymosa</i> ssp. <i>ovatifolia</i> Santa Monica Mountains dudleya			FT	Jan 29,1997
<i>Dudleya nesiotica</i> Santa Cruz Island dudleya	SR	Nov 1979	FT	Jul 31,1997
<i>Dudleya setchellii</i> Santa Clara Valley dudleya			FE	Feb 03,1995
<i>Dudleya stolonifera</i> Laguna Beach dudleya	ST	Jan 1987	FT	Oct 13,1998
<i>Dudleya traskiae</i> Santa Barbara Island dudleya	SE	Nov 1979	FE	May 27,1978
<i>Dudleya verityi</i> Verity's dudleya			FT	Jan 29,1997
<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i> Ash Meadows daisy			FT	May 20,1985
<i>Eremalche kernensis</i> Kern mallow			FE	Jul 19,1990
<i>Eremogone ursina</i> Big Bear Valley sandwort			FT	Sep 14,1998
<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i> Santa Ana River woollystar	SE	Jan 1987	FE	Sep 28,1987
<i>Eriastrum hooveri</i> Hoover's woolly-star			Delisted	Oct 7,2003
<i>Eriastrum tracyi</i> Tracy's eriastrum	SR	Jul 1982		
<i>Erigeron parishii</i> Parish's daisy			FT	Aug 24,1994

⁴ The U.S. Fish & Wildlife Service has listed the more encompassing *Dudleya cymosa* ssp. *ovatifolia* from which ssp. *agourensis* was split.

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	<u>State</u>	<u>List Date</u>	<u>Federal</u>	<u>List Date</u>
<i>Eriodictyon altissimum</i> Indian Knob mountainbalm	SE	Jul 1979	FE	Dec 15,1994
<i>Eriodictyon capitatum</i> Lompoc yerba santa	SR	Sep 1979	FE	Mar 20,2000
<i>Eriogonum alpinum</i> Trinity buckwheat	SE	Jul 1979		
<i>Eriogonum apricum</i> var. <i>apricum</i> ⁵ Ione buckwheat	SE	Aug 1981	FE	May 26,1999
<i>Eriogonum apricum</i> var. <i>prostratum</i> ⁶ Irish Hill buckwheat	SE	Jan 1987	FE	May 26,1999
<i>Eriogonum butterworthianum</i> Butterworth's buckwheat	SR	Nov 1979		
<i>Eriogonum crocatum</i> Conejo buckwheat	SR	Sep 1979		
<i>Eriogonum giganteum</i> var. <i>compactum</i> Santa Barbara Island buckwheat	SR	Nov 1979		
<i>Eriogonum grande</i> ssp. <i>timorum</i> (= <i>Eriogonum grande</i> var. <i>timorum</i>) San Nicolas Island buckwheat	SE	Nov 1979		
<i>Eriogonum kelloggii</i> Kellogg's buckwheat	SE	Apr 1982		
<i>Eriogonum kennedyi</i> var. <i>austromontanum</i> southern mountain buckwheat			FT	Sep 14,1978
<i>Eriogonum ovalifolium</i> var. <i>vineum</i> Cushenbury buckwheat			FE	Aug 24,1994
<i>Eriogonum thornei</i> (= <i>E. ericifolium</i> var. <i>thornei</i>) Thorne's buckwheat	SE	Nov 1979		
<i>Eriogonum twisselmannii</i> Twisselmann's buckwheat	SR	Jul 1982		
<i>Eriophyllum congdonii</i> Congdon's woolly sunflower	SR	Jul 1982		
<i>Eriophyllum latilobum</i> San Mateo woolly sunflower	SE	Jun 1992	FE	Feb 03,1995
<i>Eryngium aristulatum</i> var. <i>parishii</i> San Diego button-celery	SE	Jul 1979	FE	Aug 03,1993
<i>Eryngium constancei</i> Loch Lomond button-celery	SE	Jan 1987	FE	Jan 22,1987

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

⁶ The U.S. Fish & Wildlife Service has listed *Eriogonum apricum* as the species, which includes both rare varieties.

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	<u>State</u>	<u>List Date</u>	<u>Federal</u>	<u>List Date</u>
<i>Eryngium racemosum</i> Delta button-celery	SE	Aug 1981		
<i>Erysimum capitatum</i> var. <i>angustatum</i> Contra Costa wallflower	SE	Nov 1978	FE	May 27,1978
<i>Erysimum menziesii</i> ⁷ Menzies' wallflower	SE	Sep 1984	FE	Jun 22,1992
<i>Erysimum teretifolium</i> Santa Cruz wallflower	SE	Aug 1981	FE	Feb 04,1994
<i>Fremontodendron decumbens</i> Pine Hill flannelbush	SR	Jul 1979	FE	Oct 18,1996
<i>Fremontodendron mexicanum</i> Mexican flannelbush	SR	Jul 1982	FE	Oct 13,1998
<i>Fritillaria gentneri</i> Gentner's fritillary			FE	Dec 10,1999
<i>Fritillaria roderickii</i> Roderick's fritillary	SE	Nov 1979		
<i>Fritillaria striata</i> striped adobe-lily	ST	Jan 1987		
<i>Galium angustifolium</i> ssp. <i>borregoense</i> Borrego bedstraw	SR	Sep 1979		
<i>Galium buxifolium</i> box bedstraw	SR	Nov 1979	FE	Jul 31,1997
<i>Galium californicum</i> ssp. <i>sierrae</i> El Dorado bedstraw	SR	Nov 1979	FE	Oct 18,1996
<i>Galium catalinense</i> ssp. <i>acrispum</i> San Clemente Island bedstraw	SE	Apr 1982		
<i>Gilia tenuiflora</i> ssp. <i>arenaria</i> sand gilia	ST	Jan 1987	FE	Jun 22,1992
<i>Gilia tenuiflora</i> ssp. <i>hoffmannii</i> Hoffmann's slender-flowered gilia			FE	Jul 31,1997
<i>Gratiola heterosepala</i> Boggs Lake hedge-hyssop	SE	Nov 1978		
<i>Grindelia fraxinipratensis</i> Ash Meadows gumplant			FT	May 20,1985
<i>Hazardia orcuttii</i> Orcutt's hazardia	ST	Aug 2002		
<i>Helianthemum greenii</i> island rush-rose			FT	Jul 31,1997

⁷ The U.S. Fish & Wildlife Service separately listed all as endangered, *E. menziesii* ssp. *eurekaense*, *E. menziesii* ssp. *menziesii*, and *E. menziesii* ssp. *yadonii*.

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	<u>State</u>	<u>List Date</u>	<u>Federal</u>	<u>List Date</u>
<i>Helianthus niveus</i> ssp. <i>tephrodes</i> Algodones Dunes sunflower	SE	Nov 1979		
<i>Hesperolinon congestum</i> Marin western flax	ST	Jun 1992	FT	Feb 03,1995
<i>Hesperolinon didymocarpum</i> Lake County western flax	SE	Aug 1981		
<i>Holmgrenanthe petrophila</i> (= <i>Maurandya petrophila</i>) rock lady	SR	Jul 1982		
<i>Holocarpha macradenia</i> Santa Cruz tarplant	SE	Sep 1979	FT	Mar 20,2000
<i>Howellia aquatilis</i> water howellia			FT	Jul 14,1994
<i>Ivesia callida</i> Tahquitz ivesia	SR	Jul 1982		
<i>Lasthenia burkei</i> Burke's goldfields	SE	Sep 1979	FE	Dec 02,1991
<i>Lasthenia conjugens</i> Contra Costa goldfields			FE	Jun 18,1997
<i>Layia carnosa</i> beach layia	SE	Jan 1990	FE	Jun 22,1992
<i>Lesquerella kingii</i> ssp. <i>bernardina</i> San Bernardino Mountains bladderpod			FE	Aug 24,1994
<i>Lessingia germanorum</i> San Francisco lessingia	SE	Jan 1990	FE	Jun 19,1997
<i>Lewisia congdonii</i> Congdon's lewisia	SR	Jul 1982		
<i>Lilaeopsis masonii</i> Mason's lilaeopsis	SR	Nov 1979		
<i>Lilium occidentale</i> western lily	SE	Jan 1982	FE	Aug 17,1994
<i>Lilium pardalinum</i> ssp. <i>pitkinense</i> Pitkin Marsh lily	SE	Nov 1978	FE	Oct 22,1997
<i>Limnanthes bakeri</i> Baker's meadowfoam	SR	Nov 1978		
<i>Limnanthes douglasii</i> var. <i>sulphurea</i> Point Reyes meadowfoam	SE	Apr 1982		
<i>Limnanthes floccosa</i> ssp. <i>californica</i> Butte County meadowfoam	SE	Feb 1982	FE	Jun 08,1992
<i>Limnanthes gracilis</i> var. <i>parishii</i> Parish's meadowfoam	SE	Jul 1979		
<i>Limnanthes vinculans</i> Sebastopol meadowfoam	SE	Nov 1979	FE	Dec 02,1991

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	<u>State</u>	<u>List Date</u>	<u>Federal</u>	<u>List Date</u>
<i>Lithophragma maximum</i> San Clemente Island woodland star	SE	Feb 1982	FE	Aug 08,1997
<i>Lotus argophyllus</i> var. <i>adsurgens</i> San Clemente Island bird's-foot trefoil	SE	Nov 1979		
<i>Lotus argophyllus</i> var. <i>niveus</i> Santa Cruz Island bird's-foot trefoil	SE	Aug 1981		
<i>Lotus dendroideus</i> var. <i>traskiae</i> San Clemente Island lotus	SE	Apr 1982	FE	Sep 12,1977
<i>Lupinus citrinus</i> var. <i>deflexus</i> Mariposa lupine	ST	Jan 1990		
<i>Lupinus milo-bakeri</i> Milo Baker's lupine	ST	Jan 1987		
<i>Lupinus nipomensis</i> Nipomo Mesa lupine	SE	Jan 1987	FE	Mar 20,2000
<i>Lupinus padre-crowleyi</i> Father Crowley's lupine	SR	Aug 1981		
<i>Lupinus tidestromii</i> Tidestrom's lupine	SE	Jan 1987	FE	Jun 22,1992
<i>Machaeranthera lagunensis</i> (see <i>Dieteria asteroides</i> var. <i>lagunensis</i>)				
<i>Mahonia sonnei</i> (= <i>Berberis sonnei</i>) Truckee barberry		Delisted April 2008	Delisted	Oct 1,2003
<i>Malacothamnus clementinus</i> San Clemente Island bush mallow	SE	Feb 1982	FE	Sep 12,1977
<i>Malacothamnus fasciculatus</i> var. <i>nesioticus</i> Santa Cruz Island bush mallow	SE	Nov 1979	FE	Jul 31,1997
<i>Malacothrix indecora</i> Santa Cruz Island malacothrix			FE	Jul 31,1997
<i>Malacothrix squalida</i> island malacothrix			FE	Jul 31,1997
<i>Monardella linoides</i> ssp. <i>viminea</i> willowy monardella	SE	Nov 1979	FE	Oct 13,1998
<i>Monolopia congdonii</i> San Joaquin woollythreads			FE	Jul 19,1990
<i>Nasturtium gambellii</i> Gambel's water cress	ST	Feb 1990	FE	Aug 03,1993
<i>Navarretia fossalis</i> spreading navarretia			FT	Oct 13,1998

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	<u>State</u>	<u>List Date</u>	<u>Federal</u>	<u>List Date</u>
<i>Navarretia leucocephala</i> ssp. <i>pauciflora</i> few-flowered navarretia	ST	Jan 1990	FE	Jun 18,1997
<i>Navarretia leucocephala</i> ssp. <i>plieantha</i> many-flowered navarretia	SE	Nov 1979	FE	Jun 18,1997
<i>Nemacladus twisselmannii</i> Twisselmann's nemacladus	SR	Jul 1982		
<i>Neostapfia colusana</i> Colusa grass	SE	Nov 1979	FT	Mar 26,1997
<i>Nitrophila mohavensis</i> Amargosa nitrophila	SE	Nov 1979	FE	May 20,1985
<i>Nolina interrata</i> Dehesa nolina	SE	Nov 1979		
<i>Oenothera californica</i> ssp. <i>eurekaensis</i> Eureka Dunes evening-primrose	SR	Nov 1978	FE	May 27,1978
<i>Oenothera deltoides</i> ssp. <i>howellii</i> Antioch Dunes evening-primrose	SE	Nov 1978	FE	May 27,1978
<i>Opuntia basilaris</i> var. <i>treleasei</i> Bakersfield cactus	SE	Jan 1990	FE	Jul 19,1990
<i>Orcuttia californica</i> California Orcutt grass	SE	Sep 1979	FE	Aug 03,1993
<i>Orcuttia inaequalis</i> San Joaquin Valley Orcutt grass	SE	Sep 1979	FT	Mar 26,1997
<i>Orcuttia pilosa</i> hairy Orcutt grass	SE	Sep 1979	FE	Mar 26,1997
<i>Orcuttia tenuis</i> slender Orcutt grass	SE	Sep 1979	FT	Mar 26,1997
<i>Orcuttia viscida</i> Sacramento Orcutt grass	SE	Jul 1979	FE	Mar 26,1997
<i>Ornithostaphylos oppositifolia</i> Baja California birdbush	SE	Apr 2001		
<i>Oxytheca parishii</i> var. <i>goodmaniana</i> Cushenbury oxytheca			FE	Aug 24,1994
<i>Packera ganderi</i> Gander's ragwort	SR	Jul 1982		
<i>Packera layneae</i> Layne's ragwort	SR	Nov 1979	FT	Oct 18,1996
<i>Pedicularis dudleyi</i> Dudley's lousewort	SR	Sep 1979		
<i>Pentachaeta bellidiflora</i> white-rayed pentachaeta	SE	Jun 1992	FE	Feb 03,1995
<i>Pentachaeta lyonii</i> Lyon's pentachaeta	SE	Jan 1990	FE	Jan 29,1997

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<i>Phacelia insularis</i> ssp. <i>insularis</i> northern Channel Islands phacelia			FE	Jul 31,1997
<i>Phlox hirsuta</i> Yreka phlox	SE	Jan 1987	FE	Feb 3,2000
<i>Piperia yadonii</i> Yadon's rein orchid			FE	Aug 12,1998
<i>Plagiobothrys diffusus</i> San Francisco popcorn-flower	SE	Sep 1979		
<i>Plagiobothrys strictus</i> Calistoga popcorn-flower	ST	Jan 1990	FE	Oct 22,1997
<i>Pleuropogon hooverianus</i> North Coast semaphore grass	ST	Dec 2002		
<i>Poa atropurpurea</i> San Bernardino blue grass			FE	Sep 14,1998
<i>Poa napensis</i> Napa blue grass	SE	Jul 1979	FE	Oct 22,1997
<i>Pogogyne abramsii</i> San Diego mesa mint	SE	Jul 1979	FE	Oct 29,1978
<i>Pogogyne clareana</i> Santa Lucia mint	SE	Nov 1979		
<i>Pogogyne nudiuscula</i> Otay Mesa mint	SE	Jan 1987	FE	Aug 03,1993
<i>Polygonum hickmanii</i> Scott's Valley polygonum	SE	May 2005	FE	Apr 8,2003
<i>Potentilla hickmanii</i> Hickman's cinquefoil	SE	Sep 1979	FE	Aug 12,1998
<i>Pseudobahia bahiifolia</i> Hartweg's golden sunburst	SE	Aug 1981	FE	Feb 06,1997
<i>Pseudobahia peirsonii</i> San Joaquin adobe sunburst	SE	Jan 1987	FT	Feb 06,1997
<i>Rorippa subumbellata</i> Tahoe yellow cress	SE	Apr 1982		
<i>Rosa minutifolia</i> small-leaved rose	SE	Oct 1989		
<i>Sanicula maritima</i> adobe sanicle	SR	Aug 1981		
<i>Sanicula saxatilis</i> rock sanicle	SR	Jul 1982		
<i>Sedella leiocarpa</i> Lake County stonecrop	SE	Jan 1990	FE	Jun 18,1997
<i>Senecio ganderi</i> Gander's ragwort	SR	Jul 1982		
<i>Sibara filifolia</i> Santa Cruz Island rock cress			FE	Aug 08,1997
<i>Sidalcea covillei</i> Owens Valley checkerbloom	SE	Jul 1979		

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<i>Sidalcea hickmanii</i> ssp. <i>anomala</i> Cuesta Pass checkerbloom	SR	Nov 1979		
<i>Sidalcea hickmanii</i> ssp. <i>parishii</i> Parish's checkerbloom	SR	Nov 1979		
<i>Sidalcea keckii</i> Keck's checker-mallow			FE	Feb 16,2000
<i>Sidalcea oregana</i> ssp. <i>valida</i> Kenwood Marsh checkerbloom	SE	Jan 1982	FE	Oct 22,1997
<i>Sidalcea pedata</i> bird-foot checkerbloom	SE	Jan 1982	FE	Aug 31,1984
<i>Sidalcea stipularis</i> Scadden Flat checkerbloom	SE	Jan 1982		
<i>Silene campanulata</i> ssp. <i>campanulata</i> Red Mountain catchfly	SE	Apr 1982		
<i>Streptanthus albidus</i> ssp. <i>albidus</i> Metcalf Canyon jewel-flower			FE	Feb 03,1995
<i>Streptanthus niger</i> Tiburon jewel-flower	SE	Feb 1990	FE	Feb 03,1995
<i>Suaeda californica</i> California seablite			FE	Dec 15,1994
<i>Swallenia alexandrae</i> Eureka Valley dune grass	SR	Aug 1981	FE	May 27,1978
<i>Taraxacum californicum</i> California dandelion			FE	Sep 14,1998
<i>Thelypodium stenopetalum</i> slender-petaled thelypodium	SE	Feb 1982	FE	Aug 31,1984
<i>Thermopsis macrophylla</i> var. <i>angina</i> Santa Ynez false lupine	SR	Aug 1981		
<i>Thlaspi californicum</i> Kneeland Prairie penny-cress			FE	Feb 9,2000
<i>Thysanocarpus conchuliferus</i> Santa Cruz Island fringepod			FE	Jul 31,1997
<i>Trichostema austromontanum</i> ssp. <i>compactum</i> Hidden Lake bluecurls			FT	Sep 14,1998
<i>Trifolium amoenum</i> showy Indian clover			FE	Oct 22,1997
<i>Trifolium polyodon</i> Pacific Grove clover	SR	Sep 1979		
<i>Trifolium trichocalyx</i> Monterey clover	SE	Nov 1979	FE	Aug 12,1998
<i>Tuctoria greenei</i> Greene's tuctoria	SR	Sep 1979	FE	Mar 26,1997
<i>Tuctoria mucronata</i> Crampton's tuctoria	SE	Jul 1979	FE	Sep 29,1978
<i>Verbena californica</i> California vervain	ST	Aug 1994	FT	Sep 14,1998

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	<i>Verbesina dissita</i> Big-leaved crownbeard	ST	Jan 1990	FT

