



Appendix E Threatened and Endangered Species

Table E-1 Special Status Species in Colusa County

Scientific Name	Common Name	Federal Status	State Status	CDFW Status	CA Rare Plant Rank
Animals - Amphibians					
<i>Rana boylei</i>	foothill yellow-legged frog	None	Candidate Threatened	SSC	–
<i>Rana draytonii</i>	California red-legged frog	Threatened	None	SSC	–
<i>Spea hammondi</i>	western spadefoot	None	None	SSC	–
Animals - Birds					
<i>Accipiter cooperii</i>	Cooper's hawk	None	None	WL	–
<i>Accipiter gentilis</i>	northern goshawk	None	None	SSC	–
<i>Aquila chrysaetos</i>	golden eagle	None	None	FP ; WL	–
<i>Buteo swainsoni</i>	Swainson's hawk	None	Threatened	-	–
<i>Elanus leucurus</i>	white-tailed kite	None	None	FP	–
<i>Haliaeetus leucocephalus</i>	bald eagle	Delisted	Endangered	FP	–
<i>Pandion haliaetus</i>	osprey	None	None	WL	–
<i>Eremophila alpestris actia</i>	California horned lark	None	None	WL	–
<i>Branta hutchinsii leucopareia</i>	cackling (=Aleutian Canada) goose	Delisted	None	-	–
<i>Ardea alba</i>	great egret	None	None	-	–
<i>Ardea herodias</i>	great blue heron	None	None	-	–
<i>Botaurus lentiginosus</i>	American bittern	None	None	-	–
<i>Egretta thula</i>	snowy egret	None	None	-	–
<i>Ixobrychus exilis</i>	least bittern	None	None	SSC	–
<i>Nycticorax nycticorax</i>	black-crowned night heron	None	None	-	–
<i>Charadrius montanus</i>	mountain plover	None	None	SSC	–
<i>Pica nuttalli</i>	yellow-billed magpie	None	None	-	–
<i>Coccyzus americanus occidentalis</i>	western yellow-billed cuckoo	Threatened	Endangered	-	–
<i>Melospiza melodia</i>	song sparrow	None	None	SSC	–
<i>Falco mexicanus</i>	prairie falcon	None	None	WL	–
<i>Falco peregrinus anatum</i>	American peregrine falcon	Delisted	Delisted	FP	–
<i>Riparia riparia</i>	bank swallow	None	Threatened	-	–
<i>Agelaius tricolor</i>	tricolored blackbird	None	Candidate Endangered	SSC	–
<i>Lanius ludovicianus</i>	loggerhead shrike	None	None	SSC	–

Scientific Name	Common Name	Federal Status	State Status	CDFW Status	CA Rare Plant Rank
<i>Icteria virens</i>	yellow-breasted chat	None	None	SSC	–
<i>Setophaga petechia</i>	yellow warbler	None	None	SSC	–
<i>Phalacrocorax auritus</i>	double-crested cormorant	None	None	WL	–
<i>Asio flammeus</i>	short-eared owl	None	None	SSC	–
<i>Asio otus</i>	long-eared owl	None	None	SSC	–
<i>Athene cunicularia</i>	burrowing owl	None	None	SSC	–
<i>Strix occidentalis caurina</i>	northern spotted owl	Threatened	Threatened	SSC	–
<i>Plegadis chihi</i>	white-faced ibis	None	None	WL	–
Animals - Crustaceans					
<i>Branchinecta lynchi</i>	vernal pool fairy shrimp	Threatened	None	–	–
<i>Linderiella occidentalis</i>	California linderiella	None	None	–	–
<i>Lepidurus packardii</i>	vernal pool tadpole shrimp	Endangered	None	–	–
Animals - Fish					
<i>Lavinia exilicauda exilicauda</i>	Sacramento hitch	None	None	SSC	–
<i>Mylopharodon conocephalus</i>	hardhead	None	None	SSC	–
<i>Pogonichthys macrolepidotus</i>	Sacramento splittail	None	None	SSC	–
<i>Hysterocarpus traski traski</i>	Sacramento-San Joaquin tule perch	None	None	–	–
<i>Spirinchus thaleichthys</i>	longfin smelt	Candidate	Threatened	SSC	–
<i>Oncorhynchus mykiss irideus</i> pop. 11	steelhead - Central Valley DPS	Threatened	None	–	–
<i>Oncorhynchus tshawytscha</i> pop. 13	chinook salmon - Central Valley fall / late fall-run ESU	None	None	SSC	–
<i>Oncorhynchus tshawytscha</i> pop. 30	chinook salmon - upper Klamath and Trinity Rivers ESU.	None	None	SSC	–
<i>Oncorhynchus tshawytscha</i> pop. 6	chinook salmon - Central Valley spring-run ESU	Threatened	Threatened	–	–
<i>Oncorhynchus tshawytscha</i> pop. 7	chinook salmon - Sacramento River winter-run ESU	Endangered	Endangered	–	–
Animals - Insects					
<i>Bombus crotchii</i>	Crotch bumble bee	None	None	–	–
<i>Trachykele hartmani</i>	serpentine cypress wood-boring beetle	None	None	–	–
<i>Cicindela hirticollis abrupta</i>	Sacramento Valley tiger beetle	None	None	–	–
<i>Desmocerus californicus dimorphus</i>	valley elderberry longhorn beetle	Threatened	None	–	–
<i>Paracoenia calida</i>	Wilbur Springs shore fly	None	None	–	–

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<i>Ochthebius relictus</i>	Wilbur Springs minute moss beetle	None	None	–	–
<i>Saldula usingeri</i>	Wilbur Springs shorebug	None	None	–	–
Animals - Mammals					
<i>Vulpes vulpes patwin</i>	Sacramento Valley red fox	None	None	–	–
<i>Perognathus inornatus</i>	San Joaquin Pocket Mouse	None	None	–	–
<i>Martes caurina humboldtensis</i>	Humboldt marten	None	Candidate Endangered	SSC	–
<i>Pekania pennanti</i>	fisher - West Coast DPS	None	Threatened	SSC	–
<i>Taxidea taxus</i>	American badger	None	None	SSC	–
<i>Antrozous pallidus</i>	pallid bat	None	None	SSC	–
<i>Corynorhinus townsendii</i>	Townsend's big-eared bat	None	None	SSC	–
<i>Lasionycteris noctivagans</i>	silver-haired bat	None	None	–	–
<i>Lasiurus blossevillii</i>	western red bat	None	None	SSC	–
<i>Lasiurus cinereus</i>	hoary bat	None	None	–	–
<i>Myotis ciliolabrum</i>	western small-footed myotis	None	None	–	–
<i>Myotis evotis</i>	long-eared myotis	None	None	–	–
<i>Myotis lucifugus</i>	little brown bat	None	None	–	–
<i>Myotis volans</i>	long-legged myotis	None	None	–	–
<i>Myotis yumanensis</i>	Yuma myotis	None	None	–	–
Animals - Mollusks					
<i>Anodonta californiensis</i>	California floater	None	None	–	–
<i>Anodonta oregonensis</i>	Oregon floater	None	None	–	–
<i>Gonidea angulata</i>	western ridged mussel	None	None	–	–
Animals - Reptiles					
<i>Masticophis flagellum ruddocki</i>	San Joaquin coachwhip	None	None	SSC	–
<i>Emys marmorata</i>	western pond turtle	None	None	SSC	–
<i>Thamnophis gigas</i>	giant gartersnake	Threatened	Threatened	–	–
Community - Terrestrial					
–	Coastal and Valley Freshwater Marsh	None	None	–	–
–	Great Valley Cottonwood Riparian Forest	None	None	–	–
–	Great Valley Mixed Riparian Forest	None	None	–	–
–	Great Valley Willow Scrub	None	None	–	–
–	Northern Claypan Vernal Pool	None	None	–	–
–	Serpentine Bunchgrass	None	None	–	–

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–	Valley Needlegrass Grassland	None	None	–	–
–	Wildflower Field	None	None	–	–
Plants - Vascular					
<i>Chlorogalum pomeridianum</i> var. <i>minus</i>	dwarf soaproot	None	None	–	1B.2
<i>Allium fimbriatum</i> var. <i>purdyi</i>	Purdy's onion	None	None	–	4.3
<i>Lomatium booveri</i>	Hoover's lomatium	None	None	–	4.3
<i>Asclepias solanoana</i>	serpentine milkweed	None	None	–	4.2
<i>Anisocarpus scabridus</i>	scabrid alpine tarplant	None	None	–	1B.3
<i>Balsamorhiza macrolepis</i>	big-scale balsamroot	None	None	–	1B.2
<i>Calycadenia micrantha</i>	small-flowered calycadenia	None	None	–	1B.2
<i>Centromadia parryi</i> ssp. <i>parryi</i>	pappose tarplant	None	None	–	1B.2
<i>Centromadia parryi</i> ssp. <i>rudis</i>	Parry's rough tarplant	None	None	–	4.2
<i>Erigeron greenei</i>	Greene's narrow-leaved daisy	None	None	–	1B.2
<i>Harmonia hallii</i>	Hall's harmonia	None	None	–	1B.2
<i>Helianthus exilis</i>	serpentine sunflower	None	None	–	4.2
<i>Hespererax caulescens</i>	hogwallow starfish	None	None	–	4.2
<i>Lasthenia ferrisiae</i>	Ferris' goldfields	None	None	–	4.2
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	Coulter's goldfields	None	None	–	1B.1
<i>Layia septentrionalis</i>	Colusa layia	None	None	–	1B.2
<i>Senecio clevelandii</i> var. <i>clevelandii</i>	Cleveland's ragwort	None	None	–	4.3
<i>Trichocoronis wrightii</i> var. <i>wrightii</i>	Wright's trichocoronis	None	None	–	2B.1
<i>Azolla microphylla</i>	Mexican mosquito fern	None	None	–	4.2
<i>Amsinckia lunaris</i>	bent-flowered fiddleneck	None	None	–	1B.2
<i>Cryptantha excavata</i>	deep-scarred cryptantha	None	None	–	1B.1
<i>Hackelia amethystina</i>	amethyst stickseed	None	None	–	4.3
<i>Streptanthus barbiger</i>	bearded jewelflower	None	None	–	4.2
<i>Streptanthus drepanoides</i>	sickle-fruit jewelflower	None	None	–	4.3
<i>Silene campanulata</i> ssp. <i>campanulata</i>	Red Mountain catchfly	None	Endangered	–	4.2
<i>Atriplex cordulata</i> var. <i>cordulata</i>	heartscale	None	None	–	1B.2
<i>Atriplex depressa</i>	brittlescale	None	None	–	1B.2
<i>Atriplex persistens</i>	vernal pool smallscale	None	None	–	1B.2
<i>Extriplex joaquinana</i>	San Joaquin spearscale	None	None	–	1B.2
<i>Calystegia collina</i> ssp. <i>oxyphylla</i>	Mt. Saint Helena morning-glory	None	None	–	4.2
<i>Carex klamathensis</i>	Klamath sedge	None	None	–	1B.2

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<i>Arctostaphylos malloryi</i>	Mallory's manzanita	None	None	—	4.3
<i>Arctostaphylos manzanita ssp. elegans</i>	Konocti manzanita	None	None	—	1B.3
<i>Acmispon rubriflorus</i>	red-flowered bird's-foot-trefoil	None	None	—	1B.1
<i>Astragalus breweri</i>	Brewer's milk-vetch	None	None	—	4.2
<i>Astragalus clevelandii</i>	Cleveland's milk-vetch	None	None	—	4.3
<i>Astragalus rattanii var. jepsonianus</i>	Jepson's milk-vetch	None	None	—	1B.2
<i>Astragalus rattanii var. rattanii</i>	Rattan's milk-vetch	None	None	—	4.3
<i>Astragalus tener var. ferrisiae</i>	Ferris' milk-vetch	None	None	—	1B.1
<i>Lupinus antoninus</i>	Anthony Peak lupine	None	None	—	1B.2
<i>Lupinus milo-bakeri</i>	Milo Baker's lupine	None	Threatened	—	1B.1
<i>Lupinus sericatus</i>	Cobb Mountain lupine	None	None	—	1B.2
<i>Juglans hindsii</i>	Northern California black walnut	None	None	—	1B.1
<i>Fritillaria agrestis</i>	stinkbells	None	None	—	4.2
<i>Fritillaria glauca</i>	Siskiyou fritillaria	None	None	—	4.2
<i>Fritillaria pluriflora</i>	adobe-lily	None	None	—	1B.2
<i>Fritillaria purdyi</i>	Purdy's fritillary	None	None	—	4.3
<i>Hesperolinon drymarioides</i>	drymaria-like western flax	None	None	—	1B.2
<i>Hibiscus lasiocarpus var. occidentalis</i>	woolly rose-mallow	None	None	—	1B.2
<i>Iliamna bakeri</i>	Baker's globe mallow	None	None	—	4.2
<i>Malacothamnus helleri</i>	Heller's bush-mallow	None	None	—	3.3
<i>Sidalcea keckii</i>	Keck's checkerbloom	Endangered	None	—	1B.1
<i>Sidalcea oregana ssp. hydrophila</i>	marsh checkerbloom	None	None	—	1B.2
<i>Calyptridium quadripetalum</i>	four-petaled pussypaws	None	None	—	4.3
<i>Clarkia gracilis ssp. tracyi</i>	Tracy's clarkia	None	None	—	4.2
<i>Epilobium nivium</i>	Snow Mountain willowherb	None	None	—	1B.2
<i>Botrychium crenulatum</i>	scalloped moonwort	None	None	—	2B.2
<i>Piperia leptopetala</i>	narrow-petaled rein orchid	None	None	—	4.3
<i>Castilleja rubicundula var. rubicundula</i>	pink creamsacs	None	None	—	1B.2
<i>Chloropyron palmatum</i>	palmate-bracted salty bird's-beak	Endangered	Endangered	—	1B.1
<i>Cordylanthus tenuis ssp. brunneus</i>	serpentine bird's-beak	None	None	—	4.3
<i>Eschscholzia rhombipetala</i>	diamond-petaled California poppy	None	None	—	1B.1

Scientific Name	Common Name	Federal Status	State Status	CDFW Status	CA Rare Plant Rank
<i>Erythranthe nudata</i>	bare monkeyflower	None	None	—	4.3
<i>Antirrhinum subcordatum</i>	dimorphic snapdragon	None	None	—	4.3
<i>Neostapfia colusana</i>	Colusa grass	Threatened	Endangered	—	1B.1
<i>Puccinellia simplex</i>	California alkali grass	None	None	—	1B.2
<i>Collomia diversifolia</i>	serpentine collomia	None	None	—	4.3
<i>Eriastrum tracyi</i>	Tracy's eriastrum	None	Rare	—	3.2
<i>Leptosiphon acicularis</i>	bristly leptosiphon	None	None	—	4.2
<i>Navarretia jepsonii</i>	Jepson's navarretia	None	None	—	4.3
<i>Navarretia leucocephala</i> ssp. <i>bakeri</i>	Baker's navarretia	None	None	—	1B.1
<i>Navarretia nigelliformis</i> ssp. <i>nigelliformis</i>	adobe navarretia	None	None	—	4.2
<i>Navarretia nigelliformis</i> ssp. <i>radians</i>	shining navarretia	None	None	—	1B.2
<i>Navarretia paradoxinota</i>	Porter's navarretia	None	None	—	1B.3
<i>Eriogonum nervulosum</i>	Snow Mountain buckwheat	None	None	—	1B.2
<i>Eriogonum tripodum</i>	tripod buckwheat	None	None	—	4.2
<i>Eriogonum umbellatum</i> var. <i>babiiiforme</i>	bay buckwheat	None	None	—	4.2
<i>Heteranthera dubia</i>	water star-grass	None	None	—	2B.2
<i>Androsace elongata</i> ssp. <i>acuta</i>	California androsace	None	None	—	4.2
<i>Delphinium uliginosum</i>	swamp larkspur	None	None	—	4.2
<i>Myosurus minimus</i> ssp. <i>apus</i>	little mousetail	None	None	—	3.1
<i>Horkelia bolanderi</i>	Bolander's horkelia	None	None	—	1B.2
<i>Galium andrewsii</i> ssp. <i>gatense</i>	phlox-leaf serpentine bedstraw	None	None	—	4.2
<i>Brodiaea rosea</i>	Indian Valley brodiaea	None	Endangered	—	1B.1

Sources: California Natural Diversity Database BIOS Viewer Tool

Federal Status

Endangered: The classification provided to an animal or plant in danger of extinction within the foreseeable future throughout all or a significant portion of its range.

Threatened: The classification provided to an animal or plant which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.

Proposed Endangered: The classification provided to an animal or plant that is proposed for federal listing as Endangered in the Federal Register under Section 4 of the Endangered Species Act.

Proposed Threatened: The classification provided to an animal or plant that is proposed for federal listing as Threatened in the Federal Register under Section 4 of the Endangered Species Act.

Candidate: The classification provided to an animal or plant that has been studied by the United States Fish and Wildlife Service, and the Service has concluded that it should be proposed for addition to the Federal Endangered and Threatened species list.

None: The plant or animal has no federal status.

Delisted: The plant or animal was previously listed as Endangered or Threatened, but is no longer listed on the Federal Endangered and Threatened species list.

CDFW Status

FP: Fully Protected: This classification was the State of California's initial effort to identify and provide additional protection to those animals that were rare or faced possible extinction.

SSC: Species of Special Concern: To this end, the Department has designated certain vertebrate species as "Species of Special Concern" because declining population levels, limited ranges, and/or continuing threats have made them vulnerable to extinction. The goal of designating species as "Species of Special Concern" is to halt or reverse their decline by calling attention to their plight and addressing the issues of concern early enough to secure their long-term viability.

WL: Watch List: Species that were previously designated as "Species of Special Concern" but no longer merit that status, or which do not yet meet SSC criteria, but for which there is concern and a need for additional information to clarify status.

CA Rare Plant Rank

1A: Plants presumed extinct in California and rare/extinct elsewhere

1B.1: Plants rare, threatened, or endangered in California and elsewhere; seriously threatened in California

1B.2: Plants rare, threatened, or endangered in California and elsewhere; fairly threatened in California

1B.3: Plants rare, threatened, or endangered in California and elsewhere; not very threatened in California

2A: Plants presumed extirpated in California, but more common elsewhere

2B.1: Plants rare, threatened, or endangered in California, but more common elsewhere; seriously threatened in California

2B.2: Plants rare, threatened, or endangered in California, but more common elsewhere; fairly threatened in California

2B.3: Plants rare, threatened, or endangered in California, but more common elsewhere; not very threatened in California

3.1: Plants about which we need more information; seriously threatened in California

3.2: Plants about which we need more information; fairly threatened in California

3.3: Plants about which we need more information; not very threatened in California

4.1: Plants of limited distribution; seriously threatened in California

4.2: Plants of limited distribution; fairly threatened in California

4.3: Plants of limited distribution; not very threatened in California