

SciName	ComName	TaxonGroup	ElmCode	TotalOcs	FedList	CalList	GRank	SRank	RPlantRank	OthrStatus	Habitats	GenHab	MicroHab	ReturnOcs
Acipenser medirostris pop. 1	green sturgeon - southern DPS	Fish	AFCAA01031	14	Threatened	None	G2T1	S1		AFS_VU-Vulnerable CDFW_SSC-Species of Special Concern IUCN_EN-Endangered	Aquatic Estuary Marine bay Sacramento/San Joaquin flowing waters	Spawning site fidelity. Spawns in the Sacramento, Feather and Yuba Rivers. Presence in upper Stanislaus and San Joaquin Rivers may indicate spawning. Non-spawning adults occupy marine/estuarine waters. Delta Estuary is important for rearing juveniles.	Spawning occurs primarily in cool (11-15 C) sections of mainstem rivers in deep pools (8-9 meters) with substrate containing small to medium sized sand, gravel, cobble, or boulder.	4
Actinemys marmorata	northwestern pond turtle	Reptiles	ARAAD02031	1160	Proposed Threatened	None	G2	SNR		BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_VU-Vulnerable USFS_S-Sensitive				4
Agelaius tricolor	tricolored blackbird	Birds	ABPBX0020	960	None	Threatened	G1G2	S2		BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_EN-Endangered USFWS_BCC-Birds of Conservation Concern	Freshwater marsh Marsh & swamp Swamp Wetland	Highly colonial species, most numerous in Central Valley and vicinity. Largely endemic to California.	Requires open water, protected nesting substrate, and foraging area with insect prey within a few km of the colony.	30
Alkali Meadow	Alkali Meadow	Herbaceous	CTT45310CA	8	None	None	G3	S2.1			Meadow & seep Wetland			1
Alkali Seep	Alkali Seep	Herbaceous	CTT45320CA	10	None	None	G3	S2.1			Meadow & seep Wetland			1
Ammodramus savannarum	grasshopper sparrow	Birds	ABPBX0020	27	None	None	G5	S3		CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	Valley & foothill grassland	Dense grasslands on rolling hills, lowland plains, in valleys and on hillsides on lower mountain slopes.	Favors native grasslands with a mix of grasses, forbs and scattered shrubs. Loosely colonial when nesting.	1
Andrena subapasta	An andrenid bee	Insects	IIHYM35210	5	None	None	G1G2	S1S2				Collects pollen primarily from <i>Arenaria californica</i> but also <i>Orthocarpus erianthus</i> and <i>Lasthenia</i> spp.		2
Anthicus antiochensis	Antioch Dunes anthicid beetle	Insects	IIICOL49020	6	None	None	G3	S3			Interior dunes	Extirpated from Antioch Dunes but present in several localities along the Sacramento and Feather rivers.	Inhabit sand slipfaces among bamboo and willow but may not depend on presence of these plant species.	1
Anthicus sacramento	Sacramento anthicid beetle	Insects	IIICOL49010	13	None	None	G4	S4		IUCN_EN-Endangered	Interior dunes	Restricted to sand dune areas.		1
Antrozous pallidus	pallid bat	Mammals	AMACC10010	425	None	None	G4	S3		BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFS_S-Sensitive	Chaparral Coastal scrub Desert wash Great Basin grassland Great Basin scrub Mojavean desert scrub Riparian woodland Sonoran desert scrub Upper montane coniferous forest Valley & foothill grassland	Deserts, grasslands, shrublands, woodlands and forests. Most common in open, dry habitats with rocky areas for roosting.	Roosts must protect bats from high temperatures. Very sensitive to disturbance of roosting sites.	1
Ardea alba	great egret	Birds	ABNGA04040	43	None	None	G5	S4		CDF_S-Sensitive IUCN_LC-Least Concern	Brackish marsh Estuary Freshwater marsh Marsh & swamp Riparian forest Wetland	Colonial nester in large trees.	Rookery sites located near marshes, tide-flats, irrigated pastures, and margins of rivers and lakes.	4
Ardea herodias	great blue heron	Birds	ABNGA04010	156	None	None	G5	S4		CDF_S-Sensitive IUCN_LC-Least Concern	Brackish marsh Estuary Freshwater marsh Marsh & swamp Riparian forest Wetland	Colonial nester in tall trees, cliffsides, and sequestered spots on marshes.	Rookery sites in close proximity to foraging areas: marshes, lake margins, tide-flats, rivers and streams, wet meadows.	6
Athene cucularia	burrowing owl	Birds	ABNSB10010	2300	None	Candidate Endangered	G4	S2		BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	Coastal prairie Coastal scrub Great Basin grassland Great Basin scrub Mojavean desert scrub Sonoran desert scrub Valley & foothill grassland	Open, dry annual or perennial grasslands, deserts, and scrublands characterized by low-growing vegetation.	Subterranean nester, dependent upon burrowing mammals, most notably, the California ground squirrel.	24
Balsamorhiza macrolepis	big-scale balsamroot	Dicots	PDAST11061	51	None	None	G2	S2	1B.2	BLM_S-Sensitive USFS_S-Sensitive	Chaparral Cismontane woodland Ultramafic Valley & foothill grassland	Chaparral, valley and foothill grassland, cismontane woodland.	Sometimes on serpentine. 35-1465 m.	2
Bombus crotchii	Crotch's bumble bee	Insects	IIHYM24480	880	None	Candidate Endangered	G2	S2		IUCN_EN-Endangered		Coastal California east to the Sierra-Cascade crest and south into Mexico.		6
Bombus pensylvanicus	American bumble bee	Insects	IIHYM24260	810	None	None	G3G4	S2		IUCN_VU-Vulnerable	Coastal prairie Great Basin grassland Valley & foothill grassland		Long-tongued; forages on a wide variety of flowers including vetches (<i>Vicia</i>), clovers (<i>Trifolium</i>), thistles (<i>Cirsium</i>), sunflowers (<i>Helianthus</i>), etc. Nests above ground under long grass or underground. Queens overwinter in rotten wood or underground.	13
Branchinecta conservatio	Conservancy fairy shrimp	Crustaceans	ICBRA03010	57	Endangered	None	G2	S2		IUCN_EN-Endangered	Valley & foothill grassland Vernal pool Wetland	Endemic to the grasslands of the northern two-thirds of the Central Valley; found in large, turbid pools.	Inhabit astatic pools located in swales formed by old, braided alluvium; filled by winter/spring rains, last until June.	1
Branchinecta lynchi	vernal pool fairy shrimp	Crustaceans	ICBRA03030	804	Threatened	None	G3	S3		IUCN_VU-Vulnerable	Valley & foothill grassland Vernal pool Wetland	Endemic to the grasslands of the Central Valley, Central Coast mountains, and South Coast mountains, in astatic rain-filled pools.	Inhabit small, clear-water sandstone-depression pools and grassed swale, earth slump, or basalt-flow depression pools.	77
Buteo swainsoni	Swainson's hawk	Birds	ABNKC19070	2585	None	Threatened	G5	S4		BLM_S-Sensitive IUCN_LC-Least Concern	Great Basin grassland Riparian forest Riparian woodland Valley & foothill grassland	Breeds in grasslands with scattered trees, juniper-sage flats, riparian areas, savannahs, and agricultural or ranch lands with groves or lines of trees.	Requires adjacent suitable foraging areas such as grasslands, or alfalfa or grain fields supporting rodent populations.	118
Calycadenia spicata	spicate calycadenia	Dicots	PDAST1P090	41	None	None	G3?	S3	1B.3		Cismontane woodland Valley & foothill grassland	Valley and foothill grassland, cismontane woodland.	Dry, adobe, clay, gravelly, rocky, disturbed areas, openings, roadsides. 40-1400 m.	1
Chloropyron molle ssp. hispidum	hispid salty bird's-beak	Dicots	PDSCROJ0D1	35	None	None	G2T1	S1	1B.1	BLM_S-Sensitive	Alkali playa Meadow & seep Wetland	Meadows and seeps, playas, valley and foothill grassland.	In damp alkaline soils, especially in alkaline meadows and alkali sinks with <i>Distichlis</i> . 5-155 m.	2
Cicindela hirticollis abrupta	Sacramento Valley tiger beetle	Insects	IIICOL02106	6	None	None	G5TH	SH			Sandy shore	Sandy floodplain habitat in the Sacramento Valley. No beetles located during intensive 2001-2004 surveys.	Requires fine to medium sand, terraced floodplains or low sandy water edge flats.	1
Coccyzus americanus occidentalis	western yellow-billed cuckoo	Birds	ABNRB02022	165	Threatened	Endangered	G5T2T3	S1		BLM_S-Sensitive USFS_S-Sensitive	Riparian forest	Riparian forest nester, along the broad, lower flood-bottoms of larger river systems.	Nests in riparian jungles of willow, often mixed with cottonwoods, with lower story of blackberry, nettles, or wild grape.	3
Desmoceris californicus dimorphus	valley elderberry longhorn beetle	Insects	IIICOL48011	271	Threatened	None	G3T3	S3			Riparian scrub	Occurs only in the Central Valley of California, in association with blue elderberry (<i>Sambucus mexicana</i>).	Prefers to lay eggs in elderberries 2-8 inches in diameter; some preference shown for "stressed" elderberries.	13
Downingia pusilla	dwarf downingia	Dicots	PDCAM060C0	132	None	None	GU	S2	2B.2		Valley & foothill grassland Vernal pool Wetland	Valley and foothill grassland (mesic sites), vernal pools.	Vernal lake and pool margins with a variety of associates. In several types of vernal pools. 1-490 m.	28
Egretta thula	snowy egret	Birds	ABNGA06030	20	None	None	G5	S4		IUCN_LC-Least Concern	Marsh & swamp Meadow & seep Riparian forest Riparian woodland Wetland	Colonial nester, with nest sites situated in protected beds of dense tules.	Rookery sites situated close to foraging areas: marshes, tidal-flats, streams, wet meadows, and borders of lakes.	1
Elanus leucurus	white-tailed kite	Birds	ABNKC06010	190	None	None	G5	S3S4		BLM_S-Sensitive CDFW_FP-Fully Protected IUCN_LC-Least Concern	Cismontane woodland Marsh & swamp Riparian forest Valley & foothill grassland Wetland	Rolling foothills and valley margins with scattered oaks and river bottomlands or marshes next to deciduous woodland.	Open grasslands, meadows, or marshes for foraging close to isolated, dense-topped trees for nesting and perching.	11
Fritillaria agrestis	stinkbells	Monocots	PMLILOV010	32	None	None	G3	S3	4.2		Chaparral Cismontane woodland Pinon & juniper woodlands Ultramafic Valley & foothill grassland	Cismontane woodland, chaparral, valley and foothill grassland, pinyon and juniper woodland.	Sometimes on serpentine; mostly found in nonnative grassland or in grassy openings in clay soil. 10-1555 m.	4
Gonidea angulata	western ridged mussel	Mollusks	IMBIV19010	158	None	None	G3	S2		IUCN_VU-Vulnerable	Aquatic	Primarily creeks and rivers and less often lakes. Originally in most of state, now extirpated from Central and Southern California.		1
Gratiola heterosepala	Boggs Lake hedge-hyssop	Dicots	PDSCRO060	110	None	Endangered	G2	S2	1B.2	BLM_S-Sensitive	Freshwater marsh Marsh & swamp Vernal pool Wetland	Marshes and swamps (freshwater), vernal pools.	Clay soils; usually in vernal pools, sometimes on lake margins. 4-2410 m.	6
Great Valley Mixed Riparian Forest	Great Valley Mixed Riparian Forest	Riparian	CTT61420CA	68	None	None	G2	S2.2			Riparian forest			1
Hibiscus lasiocarpus var. occidentalis	woolly rose-mallow	Dicots	PDMAL0H0R3	173	None	None	G5T3	S3	1B.2	BLM_S-Sensitive SB_CalBG/RSABG-California/Rancho Santa Ana Botanic Garden SB_UCBG-UC Botanical Garden at Berkeley	Freshwater marsh Marsh & swamp Wetland	Marshes and swamps (freshwater).	Moist, freshwater-soaked river banks and low peat islands in sloughs; can also occur on riprap and levees. In California, known from the delta watershed. 0-155 m.	1
Hydrochara rickseckeri	Ricksecker's water scavenger beetle	Insects	IIICOL5V010	13	None	None	G2?	S2?			Aquatic Sacramento/San Joaquin flowing waters Sacramento/San Joaquin standing waters	Aquatic.		1
Juncus leiospermus var. ahartii	Ahart's dwarf rush	Monocots	PMJUN011L1	13	None	None	G2T1	S1	1B.2		Valley & foothill grassland	Valley and foothill grassland.	Restricted to the edges of vernal pools in grassland. 30-100 m.	1
Juncus leiospermus var. leiospermus	Red Bluff dwarf rush	Monocots	PMJUN011L2	62	None	None	G2T2	S2	1B.1	BLM_S-Sensitive USFS_S-Sensitive	Chaparral Cismontane woodland Meadow & seep Valley & foothill grassland Vernal pool Wetland	Chaparral, valley and foothill grassland, cismontane woodland, vernal pools, meadows and seeps.	Vernally mesic sites. Sometimes on edges of vernal pools. 30-1255 m.	1
Laterallus jamaicensis coturniculus	California black rail	Birds	ABNME03041	304	None	Threatened	G3T1	S2		BLM_S-Sensitive CDFW_FP-Fully Protected IUCN_EN-Endangered	Brackish marsh Freshwater marsh Marsh & swamp Salt marsh Wetland	Inhabits freshwater marshes, wet meadows and shallow margins of saltwater marshes bordering larger bays.	Needs water depths of about 1 inch that do not fluctuate during the year and dense vegetation for nesting habitat.	1
Legenere limosa	legenere	Dicots	PDCAM0C010	83	None	None	G2	S2	1B.1	BLM_S-Sensitive SB_UCBG-UC Botanical Garden at Berkeley	Vernal pool Wetland	Vernal pools.	In beds of vernal pools. 1-1005 m.	6
Lepidurus packardii	vernal pool tadpole shrimp	Crustaceans	ICBRA10010	336	Endangered	None	G3	S3		IUCN_EN-Endangered	Valley & foothill grassland Vernal pool Wetland	Inhabits vernal pools and swales in the Sacramento Valley containing clear to highly turbid water.	Pools commonly found in grass-bottomed swales of unplowed grasslands. Some pools are mud-bottomed and highly turbid.	8
Lindieriella occidentalis	California lindieriella	Crustaceans	ICBRA06010	509	None	None	G2G3	S2S3		IUCN_NT-Near Threatened	Vernal pool	Seasonal pools in unplowed grasslands with old alluvial soils underlain by hardpan or in sandstone depressions.	Water in the pools has very low alkalinity, conductivity, and total dissolved solids.	57
Melospiza melodia pop. 1	song sparrow ("Modesto" population)	Birds	ABPBXA3013	92	None	None	G5T3?Q	S3?			Artificial flowing waters Freshwater marsh Riparian forest Riparian scrub Riparian woodland Sacramento/San Joaquin flowing waters Sacramento/San Joaquin standing waters	Central lower basin of Great Valley, from Colusa County south to Stanislaus County and east of Suisun Marshes.	Freshwater marshes, riparian thickets, sparsely vegetated irrigation canals, and Valley Oak restoration sites. Cover consists of willow and nettle thickets, growths of tules and cattails, and riparian oak forests with sufficient understory of blackberry.	2
Navaretia myersii ssp. myersii	pin cushion navaretia	Dicots	PDPLM0C0X1	16	None	None	G2T2	S2	1B.1	CDFW_SSC-Species of Special Concern	Vernal pool Wetland	Breeds chiefly below 200 feet elevation.	Vernal pools.	1
Northern Claypan Vernal Pool	Northern Claypan Vernal Pool	Herbaceous	CTT44120CA	21	None	None	G1	S1.1			Vernal pool Wetland			1
Northern Hardpan Vernal Pool	Northern Hardpan Vernal Pool	Herbaceous	CTT44110CA	126	None	None	G3	S3.1			Vernal pool Wetland			6
Northern Volcanic Mud Flow Vernal Pool	Northern Volcanic Mud Flow Vernal Pool	Herbaceous	CTT44132CA	7	None	None	G1	S1.1			Vernal pool Wetland			3
Nycticorax nycticorax	black-crowned night heron	Birds	ABNGA11010	37	None	None	G5	S4		IUCN_LC-Least Concern	Marsh & swamp Riparian forest Riparian woodland Wetland	Colonial nester, usually in trees, occasionally in tule patches.	Rookery sites located adjacent to foraging areas: lake margins, mud-bordered bays, marshy spots.	2
Oncorhynchus mykiss irideus pop. 11	steelhead - Central Valley DPS	Fish	AFCHA0209K	31	Threatened	None	G5T2Q	S2		AFS_TH-Threatened CDFW_SSC-Species of Special Concern	Aquatic Sacramento/San Joaquin flowing waters	Populations in the Sacramento and San Joaquin rivers and their tributaries.	Adult numbers depend on pool depth and volume, amount of cover, and proximity to gravel. Water temps >27 C are lethal to adults.	5
Oncorhynchus tshawytscha pop. 11	chinook salmon - Central Valley spring-run ESU	Fish	AFCHA0205L	13	Threatened	Threatened	G5T2Q	S2		AFS_TH-Threatened	Aquatic Sacramento/San Joaquin flowing waters	Endemic to the lakes and rivers of the Central Valley, but now confined to the Delta, Suisun Bay and associated marshes.	Federal listing refers to populations spawning in Sacramento River and tributaries.	1
Pogonichthys macrolepidotus	Sacramento splittail	Fish	AFCIB34020	15	None	None	G3	S3		AFS_VU-Vulnerable CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	Aquatic Estuary Freshwater marsh Sacramento/San Joaquin flowing waters		Slow moving river sections, dead end sloughs. Requires flooded vegetation for spawning and foraging for young.	1

Progne subis	purple martin	Birds	ABPAU01010	71	None	None	G5	S3		CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	Broadleaved upland forest Lower montane coniferous forest	Inhabits woodlands, low elevation coniferous forest of Douglas-fir, ponderosa pine, and Monterey pine.	Nests in old woodpecker cavities mostly; also in human-made structures. Nest often located in tall, isolated tree/snag.	2
Riparia riparia	bank swallow	Birds	ABPAU08010	299	None	Threatened	G5	S3		BLM_S-Sensitive IUCN_LC-Least Concern	Riparian scrub Riparian woodland	Colonial nester; nests primarily in riparian and other lowland habitats west of the desert.	Requires vertical banks/cliffs with fine-textured/sandy soils near streams, rivers, lakes, ocean to dig nesting hole.	13
Sagittaria sanfordii	Sanford's arrowhead	Monocots	PMAL040Q0	143	None	None	G3	S3	1B.2	BLM_S-Sensitive	Marsh & swamp Wetland	Marshes and swamps.	In standing or slow-moving freshwater ponds, marshes, and ditches. 0-605 m.	6
Spea hammondi	western spadefoot	Amphibians	AAABF02020	1445	Proposed Threatened	None	G2G3	S3S4		BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened	Cismontane woodland Coastal scrub Valley & foothill grassland Vernal pool Wetland	Occurs primarily in grassland habitats, but can be found in valley-foothill hardwood woodlands.	Vernal pools are essential for breeding and egg-laying.	16
Spirinchus thaleichthys pop. 2	longfin smelt - San Francisco Bay-Delta DPS	Fish	AFCHB03040	35	Endangered	Threatened	G5TNRQ	S1		IUCN_LC-Least Concern	Aquatic Estuary Marine bay Sacramento/San Joaquin flowing waters	Pelagic and anadromous within the Sacramento-San Joaquin River Delta, San Francisco Bay, and Gulf of the Farallones. Spawns in lower freshwater reaches of Sacramento and San Joaquin Rivers. First year in Suisun Bay; later SF Bay or Gulf of the Farallones.	Occurs in salinities ranging from pure freshwater to pure saltwater; typically salinities ranging from 14-28 parts per thousand (ppt). Generally occupies water temperatures from 61-68F, with spawning occurring in water temperatures from 41-58F.	1
Thamnophis gigas	giant gartersnake	Reptiles	ARADB36150	381	Threatened	Threatened	G2	S2		IUCN_VU-Vulnerable	Marsh & swamp Riparian scrub Wetland	Prefers freshwater marsh and low gradient streams. Has adapted to drainage canals and irrigation ditches.	This is the most aquatic of the gartersnakes in California.	81