

## **APPENDIX B – OBSERVED SPECIES LIST**



## Appendix B: Plants and Wildlife Species Observed List

Scientific Name*	Common Name	Cal-IPC Rating** or Special-Status***
<b>Plants</b>		
<i>Acacia</i> sp.	acacia	
<i>Acer saccharum</i> *	sugar maple	
<i>Acmispon glaber</i>	deerweed	
<i>Acourtia microcephala</i>	sacapellote	
<i>Agave americana</i> *	blue agave	
<i>Agrostis pallens</i>	leafy bent grass	
<i>Ailanthus altissima</i> *	tree of heaven	Moderate
<i>Amaranthus albus</i> *	pigweed amaranth	
<i>Ambrosia psilostachya</i>	western ragweed	
<i>Amorpha fruticosa</i>	desert indigobush	
<i>Amsinckia menziesii</i>	small flowered fiddleneck	
<i>Anemopsis californica</i>	yerba mansa	
<i>Apium graveolens</i> *	wild celery	
<i>Aptenia cordifolia</i> *	baby sun rose	
<i>Artemisia californica</i>	California sagebrush	
<i>Artemisia douglasiana</i>	California mugwort	
<i>Artemisia dracunculus</i>	wild tarragon	
<i>Arundo donax</i> *	giant reed	High
<i>Asclepias fascicularis</i>	narrow leaf milkweed	
<i>Atriplex lentiformis</i>	big saltbush	
<i>Atriplex semibaccata</i> *	Australian saltbush	Moderate
<i>Atriplex</i> sp.*	saltbush	
<i>Avena barbata</i> *	slender wild oat	Moderate
<i>Avena fatua</i> *	wild oat	Moderate
<i>Baccharis pilularis</i>	coyote brush	
<i>Baccharis salicifolia</i>	mule fat	
<i>Bloomeria crocea</i>	common goldenstar	
<i>Brachypodium distachyon</i> *	purple false brome	Moderate
<i>Brassica nigra</i> *	black mustard	Moderate
<i>Brickellia californica</i>	California brickellbush	
<i>Bromus catharticus</i> *	rescue grass	
<i>Bromus carinatus</i>	California brome grass	
<i>Bromus diandrus</i> *	common rippgut grass	Moderate
<i>Bromus hordeaceus</i> *	soft chess	Limited
<i>Bromus</i> sp.	brome	

Scientific Name*	Common Name	Cal-IPC Rating** or Special-Status***
<i>Bromus rubens</i> *	foxtail chess	High
<i>Calandrinia menziesii</i>	red maids	
<i>Calochortus catalinae</i>	Catalina mariposa lily	CRPR 4.2
<i>Calochortus splendens</i>	splendid mariposa lily	
<i>Calystegia macrostegia</i>	island morning glory	
<i>Camissoniopsis bistorta</i>	California sun cup	
<i>Capsella bursa-pastoris</i> *	Shepherd's purse	
<i>Cardionema ramosissimum</i>	sand mat	
<i>Carduus pycnocephalus</i> *	Italian thistle	Moderate
<i>Carpobrotus edulis</i> *	Hottentot fig	High
<i>Castilleja exserta</i>	purple owl's clover	
<i>Centaurea melitensis</i> *	totalote	Moderate
<i>Chenopodium album</i> *	lamb's quarters	
<i>Chenopodium californicum</i>	California goosefoot	
<i>Chenopodium murale</i> *	nettle leaf goosefoot	
<i>Cirsium occidentale</i>	cobweb thistle	
<i>Cirsium vulgare</i> *	bull thistle	Moderate
<i>Clematis ligusticifolia</i>	western virgin's bower	
<i>Conium maculatum</i> *	poison hemlock	Moderate
<i>Convolvulus arvensis</i> *	bindweed	
<i>Corethrogyne filaginifolia</i>	common sandaster	
<i>Cortaderia selloana</i> *	pampas grass	High
<i>Crassula connata</i>	sand pygmyweed	
<i>Crassula ovata</i> *	jade plant	
<i>Croton setiger</i>	dove weed	
<i>Cryptantha intermedia</i>	common cryptantha	
<i>Cucurbita foetidissima</i>	coyote gourd	
<i>Cupaniopsis anacardioides</i> *	carrotwood	
<i>Cuscuta californica</i>	California dodder	
<i>Cylindropuntia prolifera</i>	coastal cholla	
<i>Cynara cardunculus</i> *	artichoke thistle	Moderate
<i>Cynodon dactylon</i> *	Bermuda grass	Moderate
<i>Cyperus eragrostis</i>	tall flatsedge	
<i>Cyperus involucreatus</i> *	umbrella sedge	
<i>Datura wrightii</i>	jimsonweed	
<i>Deinandra fasciculata</i>	fascicled tarweed	
<i>Dichelostemma capitatum</i>	blue dicks	
<i>Distichlis spicata</i>	saltgrass	
<i>Dudleya lanceolata</i>	lanceleaf liveforever	
<i>Dudleya pulverulenta</i>	chalk liveforever	

Scientific Name*	Common Name	Cal-IPC Rating** or Special-Status***
<i>Echium candicans</i> *	pride of Madeira	Limited
<i>Ehrharta erecta</i> *	panic veldtgrass	Moderate
<i>Elymus condensatus</i>	giant wild rye	
<i>Elymus triticoides</i>	beardless wild rye	
<i>Encelia californica</i>	California encelia	
<i>Ericameria palmeri</i> var. <i>pachylepis</i>	Palmer's rabbitbrush	
<i>Erigeron canadensis</i>	Canada horseweed	
<i>Eriogonum fasciculatum</i>	California buckwheat	
<i>Eriophyllum confertiflorum</i>	golden yarrow	
<i>Erodium botrys</i> *	longbeak filaree	
<i>Erodium cicutarium</i> *	redstem filaree	Limited
<i>Erodium moschatum</i> *	whitestem filaree	
<i>Eschscholzia californica</i>	California poppy	
<i>Eucalyptus camaldulensis</i> *	red gum	Limited
<i>Eucalyptus globulus</i> *	blue gum	Moderate
<i>Eucrypta chrysanthemifolia</i>	spotted hideseed	
<i>Eulobus californicus</i>	California primrose	
<i>Euphorbia albomarginata</i>	rattlesnake sandmat	
<i>Euphorbia lathyris</i> *	compass plant	
<i>Euphorbia maculata</i> *	spotted surge	
<i>Euphorbia peplus</i> *	petty spurge	
<i>Festuca myuros</i> *	rattail fescue	Moderate
<i>Festuca perennis</i> *	Italian rye grass	Moderate
<i>Ficus carica</i> *	common fig	Moderate
<i>Foeniculum vulgare</i> *	sweet fennel	High
<i>Fraxinus</i> sp.	ash	
<i>Fraxinus uhdei</i> *	shamel ash	
<i>Funastrum cynanchoides</i>	climbing milkweed	
<i>Galium angustifolium</i>	narrowleaf bedstraw	
<i>Geranium carolinianum</i>	Carolina geranium	
<i>Gilia angelensis</i>	chaparral gilia	
<i>Glebionis coronaria</i> *	crown daisy	Moderate
<i>Grevillea robusta</i> *	silkoak	
<i>Grindelia camporum</i>	common gumplant	
<i>Gutierrezia californica</i>	California matchweed	
<i>Hazardia squarrosa</i>	sawtooth goldenbush	
<i>Hedera helix</i> *	English ivy	High
<i>Helianthus annuus</i>	common sunflower	
<i>Heliotropium curassavicum</i>	salt heliotrope	
<i>Helminthotheca echioides</i> *	bristly ox-tongue	Limited

Scientific Name*	Common Name	Cal-IPC Rating** or Special-Status***
<i>Hesperoyucca whipplei</i>	chaparral yucca	
<i>Heteromeles arbutifolia</i>	toyon	
<i>Heterotheca grandiflora</i>	telegraph weed	
<i>Hirschfeldia incana</i> *	short pod mustard	Moderate
<i>Hordeum murinum</i> *	foxtail barley	Moderate
<i>Iris pseudacorus</i> *	water iris	Limited
<i>Isocoma menziesii</i>	coastal goldenbush	
<i>Juncus balticus</i>	Baltic rush	
<i>Juncus mexicanus</i>	Mexican rush	
<i>Juglans californica</i>	southern California black walnut	CRPR 4.2
<i>Lactuca serriola</i> *	prickly lettuce	
<i>Lamarckia aurea</i> *	goldentop grass	
<i>Lepidium didymum</i> *	lesser swine cress	
<i>Lepidium nitidum</i>	shining pepper grass	
<i>Leptochloa fusca</i> ssp. <i>uninervia</i>	Mexican sprangletop	
<i>Logfia gallica</i> *	narrowleaf cottonrose	
<i>Lupinus succulentus</i>	arroyo lupine	
<i>Lupinus truncatus</i>	truncate leaf lupine	
<i>Lysimachia arvensis</i> *	scarlet pimpernel	
<i>Malacothamnus fasciculatus</i>	chaparral mallow	
<i>Malacothrix saxatilis</i>	cliff aster	
<i>Malosma laurina</i>	laurel sumac	
<i>Malus pumila</i> *	apple	
<i>Malva nicaeensis</i> *	bull mallow	
<i>Malva parviflora</i> *	cheeseweed	
<i>Malvella leprosa</i>	alkali mallow	
<i>Marah macrocarpa</i>	wild cucumber	
<i>Marrubium vulgare</i> *	horehound	Limited
<i>Matricaria discoidea</i>	pineapple weed	
<i>Medicago polymorpha</i> *	bur clover	Limited
<i>Melica imperfecta</i>	coast range melic	
<i>Melilotus albus</i> *	white sweetclover	
<i>Melilotus indicus</i> *	yellow sweetclover	
<i>Mesembryanthemum crystallinum</i> *	crystalline ice plant	Moderate
<i>Mimulus aurantiacus</i>	bush monkeyflower	
<i>Mirabilis laevis</i> var. <i>crassifolia</i>	wishbone bush	
<i>Muhlenbergia rigens</i>	deergrass	
<i>Myoporum laetum</i> *	lollypop tree	Moderate
<i>Nerium oleander</i> *	oleander	
<i>Nicotiana glauca</i> *	tree tobacco	Moderate

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<i>Nicotiana quadrivalvis</i>	Indian tobacco	
<i>Olea europaea</i> *	olive	Limited
<i>Opuntia ficus-indica</i> *	Indian fig	
<i>Opuntia littoralis</i>	coast prickly pear	
<i>Oxalis pes-caprae</i> *	Bermuda buttercup	Moderate
<i>Parkinsonia aculeata</i> *	Mexican palo verde	
<i>Pennisetum setaceum</i> *	fountaingrass	Moderate
<i>Persicaria lapathifolia</i>	common knotweed	
<i>Phacelia cicutaria</i>	caterpillar phacelia	
<i>Phacelia parryi</i>	Parry's phacelia	
<i>Phacelia ramosissima</i>	branching phacelia	
<i>Phoenix canariensis</i> *	Canary Island date palm	Limited
<i>Pinus sp.</i> *	pine tree	
<i>Plagiobothrys sp.</i>	popcornflower	
<i>Plantago major</i> *	common plantain	
<i>Platanus racemosa</i>	western sycamore	
<i>Pluchea odorata</i>	salt marsh fleabane	
<i>Plumbago auriculata</i> *	Cape leadwort	
<i>Poa pratensis</i> *	Kentucky blue grass	Limited
<i>Poa secunda</i>	one sided blue grass	
<i>Polygonum aviculare</i> *	prostrate knotweed	
<i>Polypogon interruptus</i> *	ditch beard grass	
<i>Polypogon monspeliensis</i> *	annual beard grass	Limited
<i>Populus fremontii</i>	Fremont cottonwood	
<i>Populus trichocarpa</i>	black cottonwood	
<i>Prunus ilicifolia</i>	holly leaf cherry	
<i>Pseudognaphalium biolettii</i>	two-color rabbit-tobacco	
<i>Pseudognaphalium californicum</i>	ladies' tobacco	
<i>Pseudognaphalium canescens</i>	Wright's cudweed	
<i>Pseudognaphalium luteoalbum</i> *	Jersey cudweed	
<i>Pulicaria paludosa</i> *	Spanish false fleabane	
<i>Quercus agrifolia</i>	coast live oak	
<i>Raphanus sativus</i> *	wild radish	Limited
<i>Rhamnus ilicifolia</i>	hollyleaf redberry	
<i>Rhus integrifolia</i>	lemonade berry	
<i>Ricinus communis</i> *	castor bean	Limited
<i>Romneya coulteri</i>	Coulter's matilija poppy	CRPR 4.2
<i>Rosa californica</i>	California wild rose	
<i>Rubus ursinus</i>	California blackberry	
<i>Rumex crispus</i> *	curly dock	Limited

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<i>Rumex salicifolius</i>	willow dock	
<i>Salix exigua</i>	sandbar willow	
<i>Salix gooddingii</i>	Goodding's black willow	
<i>Salix laevigata</i>	red willow	
<i>Salsola tragus*</i>	Russian thistle	Limited
<i>Salvia apiana</i>	white sage	
<i>Salvia columbariae</i>	chia sage	
<i>Salvia mellifera</i>	black sage	
<i>Sambucus nigra</i> ssp. <i>caerulea</i>	blue elderberry	
<i>Schinus molle*</i>	Peruvian pepper tree	Limited
<i>Schinus terebinthifolius*</i>	Brazilian pepper tree	Limited
<i>Schismus barbatus*</i>	common Mediterranean grass	Limited
<i>Schoenoplectus americanus</i>	American bulrush	
<i>Schoenoplectus californicus</i>	California bulrush	
<i>Selaginella bigelovii</i>	Bigelow's spike moss	
<i>Senecio vulgaris*</i>	common groundsel	
<i>Silene gallica*</i>	common catchfly	
<i>Silybum marianum*</i>	milk thistle	Limited
<i>Sisymbrium altissimum*</i>	tumble mustard	
<i>Sisymbrium irio*</i>	London rocket	Moderate
<i>Sisyrinchium bellum</i>	blue-eyed grass	
<i>Solanum americanum</i>	white nightshade	
<i>Sonchus oleraceus*</i>	common sow thistle	
<i>Sonchus asper</i> ssp. <i>asper*</i>	prickly sow thistle	
<i>Stellaria media*</i>	chickweed	
<i>Stephanomeria virgata</i>	wreath plant	
<i>Stipa lepida</i>	foothill needle grass	
<i>Stipa miliacea</i> var. <i>miliacea*</i>	smilo grass	Limited
<i>Stipa pulchra</i>	purple needle grass	
<i>Stipa diegoensis</i>	San Diego needle grass	CRPR 4.2
<i>Tamarix ramosissima*</i>	tamarisk	High
<i>Toxicodendron diversilobum</i>	poison oak	
<i>Tribulus terrestris*</i>	puncture vine	
<i>Tropaeolum majus*</i>	garden nasturtium	
<i>Typha latifolia</i>	broadleaf cattail	
<i>Ulmus parvifolia*</i>	Chinese elm	
<i>Urtica dioica</i>	stinging nettle	
<i>Urtica urens*</i>	dwarf nettle	
<i>Verbena lasiostachys</i>	common verbena	

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<i>Veronica anagallis-aquatica</i> *	water speedwell	
<i>Vicia villosa</i> *	hairy vetch	
<i>Vinca major</i> *	bigleaf periwinkle	Moderate
<i>Vitis californica</i>	California wild grape	
<i>Washingtonia robusta</i> *	Mexican fan palm	Moderate - ALERT
<i>Xanthium strumarium</i>	cockleburr	
<b>Invertebrates</b>		
<i>Adelpha californica</i>	California sister	
<i>Agraulis vanillae</i>	gulf fritillary	
<i>Anthocharis sara</i>	Sara orangetip	
<i>Apodemia virgulti</i>	Behr's metalmark	
<i>Brephidium exilis</i>	western pygmy blue	
<i>Erynnis funeralis</i>	funereal duskywing	
<i>Junonia coenia</i>	common buckeye	
<i>Nymphalis antiopa</i>	mourning cloak	
<i>Papilio zelicaon</i>	anise swallowtail	
<i>Plebejus acmon</i>	acmon blue	
<i>Pontia protodice</i>	checkered (common) white	
<i>Zerene eurydice</i>	California dogface	
<b>Amphibians</b>		
<i>Pseudacris regilla</i>	Pacific tree frog	
<b>Reptiles</b>		
<i>Aspidoscelis hyperythra</i>	orangethroat whiptail	SSC
<i>Crotalus oreganus helleri</i>	southern Pacific rattlesnake	
<i>Crotalus ruber</i>	red-diamond rattlesnake	SSC
<i>Diadophis punctatus pulchellus</i>	coral-bellied ring-necked snake	
<i>Emys marmorata</i>	western pond turtle	SSC
<i>Sceloporus occidentalis</i>	western fence lizard	
<i>Uta stansburiana</i>	common side-blotched lizard	
<b>Birds</b>		
<i>Accipiter cooperii</i>	Cooper's hawk	WL (nesting)
<i>Accipiter striatus</i>	sharp-shinned hawk	WL (nesting)
<i>Agelaius phoeniceus</i>	red-winged blackbird	
<i>Amazona viridigenalis</i> *	red-crowned parrot	Endangered in native northeast Mexico
<i>Anas platyrhynchos</i>	mallard	
<i>Aphelocoma californica</i>	western scrub-jay	
<i>Ardea alba</i>	greater egret	



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<i>Bombycilla cedrorum</i>	cedar waxwing	
<i>Bubo virginianus</i>	great horned owl	
<i>Buteo jamaicensis</i>	red-tailed hawk	
<i>Buteo lineatus</i>	red-shouldered hawk	
<i>Callipepla californica</i>	California quail	
<i>Calypte anna</i>	Anna's hummingbird	
<i>Calypte costae</i>	Costa's hummingbird	
<i>Campylorhynchus brunneicapillus sandiegensis</i>	coastal cactus wren	SSC
<i>Cardellina pusilla</i>	Wilson's warbler	
<i>Cathartes aura</i>	turkey vulture	
<i>Catharus guttatus</i>	hermit thrush	
<i>Chamaea fasciata</i>	wrentit	
<i>Charadrius vociferus</i>	killdeer	
<i>Circus cyaneus</i>	northern harrier	SSC (nesting)
<i>Corvus brachyrhynchos</i>	American crow	
<i>Corvus corax</i>	common raven	
<i>Egretta thula</i>	snowy egret	
<i>Empidonax difficilis</i>	Pacific-slope flycatcher	
<i>Empidonax traillii cf. brewsteri</i>	little willow flycatcher	SE (nesting)
<i>Geococcyx californianus</i>	greater roadrunner	
<i>Geothlypis tolmiei</i>	MacGillivray's warbler	
<i>Geothlypis trichas</i>	common yellowthroat	
<i>Haemorhous mexicanus</i>	house finch	
<i>Hirundo rustica</i>	barn swallow	
<i>Icteria virens</i>	yellow-breasted chat	SSC (nesting)
<i>Icterus bullockii</i>	Bullock's oriole	
<i>Icterus cucullatus</i>	hooded oriole	
<i>Lonchura punctulata</i>	scaly-breasted munia	
<i>Melanerpes formicivorus</i>	acorn woodpecker	
<i>Melospiza melodia</i>	song sparrow	
<i>Melospiza crissalis</i>	California towhee	
<i>Mimus polyglottos</i>	northern mockingbird	
<i>Molothrus ater</i>	brown-headed cowbird	
<i>Pandion haliaetus</i>	osprey	
<i>Passer domesticus</i>	house sparrow	
<i>Passerina amoena</i>	Lazuli bunting	
<i>Passerina caerulea</i>	blue grosbeak	

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<i>Petrochelidon pyrrhonota</i>	cliff swallow	
<i>Pheucticus melanocephalus</i>	black-headed grosbeak	
<i>Picoides nuttallii</i>	Nuttall's woodpecker	
<i>Picoides pubescens</i>	downy woodpecker	
<i>Pipilo maculatus</i>	spotted towhee	
<i>Piranga ludoviciana</i>	western tanager	
<i>Polioptila caerulea</i>	blue-gray gnatcatcher	
<i>Polioptila californica californica</i>	coastal California gnatcatcher	FT/SSC
<i>Psaltriparus minimus</i>	bushtit	
<i>Sayornis nigricans</i>	black phoebe	
<i>Sayornis saya</i>	Say's phoebe	
<i>Selasphorus sasin</i>	Allen's hummingbird	
<i>Setophaga coronata</i>	yellow-rumped warbler	
<i>Setophaga nigrescens</i>	black-throated gray warbler	
<i>Setophaga petechia</i>	yellow warbler	SSC (nesting)
<i>Setophaga townsendi</i>	Townsend's warbler	
<i>Spinus lawrencei</i>	Lawrence's goldfinch	
<i>Spinus psaltria</i>	lesser goldfinch	
<i>Spinus tristis</i>	American goldfinch	
<i>Sturnus vulgaris</i>	European starling	
<i>Tachycineta bicolor</i>	tree swallow	
<i>Tachycineta thalassina</i>	violet-green swallow	
<i>Taeniopygia guttata</i>	zebra finch	
<i>Thryomanes bewickii</i>	Bewick's wren	
<i>Toxostoma redivivum</i>	California thrasher	
<i>Troglodytes aedon</i>	house wren	
<i>Tyrannus verticalis</i>	western kingbird	
<i>Tyrannus vociferans</i>	Cassin's kingbird	
<i>Vermivora celata</i>	orange-crowned warbler	
<i>Vireo bellii pusillus</i>	least Bell's vireo	FT/ST (nesting)
<i>Vireo gilvus</i>	warbling vireo	
<i>Zenaida macroura</i>	mourning dove	
<i>Zonotrichia leucophrys</i>	white-crowned sparrow	
<b>Mammals</b>		
<i>Canis latrans</i>	coyote	
<i>Microtus californicus</i>	California vole	
<i>Otospermophilus beecheyi</i>	California ground squirrel	
<i>Sylvilagus audubonii</i>	desert cottontail	

\* Non-native plant species

**\*\* California Invasive Plant Council (Cal-IPC) Ratings**

- High These species have severe ecological impacts on physical processes, plant and animal communities, and vegetation structure. Their reproductive biology and other attributes are conducive to moderate to high rates of dispersal and establishment. Most are widely distributed ecologically.
- Moderate These species have substantial and apparent—but generally not severe—ecological impacts on physical processes, plant and animal communities, and vegetation structure. Their reproductive biology and other attributes are conducive to moderate to high rates of dispersal, though establishment is generally dependent upon ecological disturbance. Ecological amplitude and distribution may range from limited to widespread.
- Limited These species are invasive but their ecological impacts are minor on a statewide level or there was not enough information to justify a higher score. Their reproductive biology and other attributes result in low to moderate rates of invasiveness. Ecological amplitude and distribution are generally limited, but these species may be locally persistent and problematic.

**\*\*\* California Rare Plant Rank (CRPR)**

- 1A Plants presumed extirpated in California and either rare or extinct elsewhere
- 1B Plants rare, threatened, or endangered in California and elsewhere
- 2A Plants presumed extirpated in California, but common elsewhere
- 2B Plants rare, threatened, or endangered in California, but more common elsewhere
- 3 Plants about which more information is needed - a Review List
- 4 Plants of limited distribution - a Watch List

**Threat Ranks**

- .1 Seriously threatened in California (over 80 percent of occurrences threatened/high degree and immediacy of threat)
- .2 Moderately threatened in California (20 to 80 percent occurrences threatened/moderate degree and immediacy of threat)
- .3 Not very threatened in California (less than 20 percent of occurrences threatened/low degree and immediacy of threat or no current threats known)

**FESA Classifications**

- FE Federally Endangered
- FT Federally Threatened
- FC Federal Candidate
- FD Federally Delisted

**CESA Classifications**

- SE State Endangered
- ST State Threatened
- SSC California Species of Special Concern
- FP Fully Protected
- WL Watch List