

Appendix 3

Biological Resources

3-1. Observed Wildlife List

3-2. Plants Observed

3-1. Observed Wildlife List

WILDLIFE OBSERVED IN THE SURVEY AREA		
Scientific Name	Common Name	Status
Invertebrates		
<i>Apis scutellata</i>	African bee	
<i>Apodemia virgulti</i>	Behr's metalmark	
<i>Branchinecta lindahli</i>	Lindahli's fairy shrimp	
<i>Brephidium exile</i>	Western pygmy-blue	
<i>Euphilotes battoides bernardino</i>	Bernardino square-spotted blue	
<i>Everes amyntula</i>	Western tailed blue	
<i>Limenitis lorquini</i>	Lorquin's admiral	
<i>Lycaena xanthoides</i>	Great copper	
<i>Nymphalis antiopa</i>	Mourning cloak	
<i>Papilio rutulus</i>	Western tiger	
<i>Papilio zelicaon</i>	Anise swallowtail	
<i>Pieris rapae*</i>	Cabbage white	
<i>Plebejus acmon</i>	Acmon blue	
<i>Pontia protodice</i>	Checkered white	
<i>Pyrgus albescens</i>	White checkered-skipper	
<i>Vanessa annabella</i>	west coast lady	
<i>Vanessa atalanta</i>	Red admiral	
<i>Vanessa cardui</i>	Painted lady	
Reptiles		
<i>Arizona elegans</i>	Glossy snake	
<i>Aspidoscelis tigris stejnegeri</i>	Coastal western whiptail	SA, MSHCP
<i>Crotalus oreganus helleri</i>	Southern pacific rattlesnake	
<i>Elgaria multicarinata webbi</i>	Southern alligator lizard	
<i>Eumeces skiltonianus interparietalis</i>	Western skink	
<i>Lampropeltis getula californiae</i>	California kingsnake	
<i>Masticophis flagellum piceus</i>	Red coachwhip	
<i>Phrynosoma coronatum</i>	Coast horned lizard	CSC, MSHCP
<i>Pituophis catenifer annectens</i>	San Diego gopher snake	
<i>Sceloporus occidentalis longipes</i>	Western fence lizard	
<i>Sceloporus orcutti</i>	Granite spiny lizard	MSHCP
<i>Thamnophis hammondi</i>	Two-striped garter snake	CSC, MSHCP
<i>Trachemys scripta*</i>	Red-eared slider	
<i>Uta stansburiana elegans</i>	Western side-blotched lizard	
Amphibians		
<i>Anaxyrus boreas halophilus</i>	Western toad	
<i>Batrachoseps major major</i>	Garden slender salamander	
<i>Pseudacris cadaverina</i>	California chorus frog	
<i>Pseudacris regilla</i>	Pacific chorus frog	
<i>Rana catesbeiana*</i>	American bullfrog	
<i>Spea hammondi</i>	Western spadefoot	CSC, MSHCP
Birds		
<i>Accipiter cooperii</i>	Cooper's hawk	WL, MSHCP
<i>Aeronautes saxatalis</i>	White-throated swift	

WILDLIFE OBSERVED IN THE SURVEY AREA		
Scientific Name	Common Name	Status
<i>Aechmophorus occidentalis</i>	Western grebe	
<i>Agelaius phoeniceus</i>	Red-winged blackbird	
<i>Agelaius tricolor</i>	Tricolored blackbird	CSC, BCC, MSHCP
<i>Aimophila ruficeps canescens</i>	Southern California rufous-crowned sparrow	WL, MSHCP
<i>Amphispiza belli belli</i>	Bell's sage sparrow	WL, BCC, MSHCP
<i>Anas platyrhynchos</i>	Mallard	
<i>Anthus rubescens</i>	American pipit	
<i>Aphelocoma californica</i>	Western scrub-jay	
<i>Aquila chrysaetos</i>	Golden eagle	WL, CFP, MSHCP
<i>Archilochus alexandri</i>	Black-chinned hummingbird	
<i>Ardea alba</i>	Great egret	SA
<i>Ardea herodias</i>	Great blue heron	SA, MSHCP
<i>Artemisospiza belli</i>	Bell's sparrow	
<i>Athene cunicularia</i>	Burrowing owl	CSC, BCC, MSHCP
<i>Aythya affinis</i>	Lesser scaup	
<i>Baeolophus inornatus</i>	Oak titmouse	
<i>Bombycilla cedrorum</i>	Cedar waxwing	
<i>Branta canadensis</i>	Canada goose	
<i>Bubo virginianus</i>	great horned owl	
<i>Bubulcus ibis</i>	Cattle egret	
<i>Bucephala albeola</i>	Bufflehead	
<i>Buteo jamaicensis</i>	Red-tailed hawk	
<i>Buteo lineatus</i>	Red-shouldered hawk	
<i>Butorides virescens</i>	Green heron	
<i>Calidris mauri</i>	Western sandpiper	
<i>Callipepla californica</i>	California quail	
<i>Calypte anna</i>	Anna's hummingbird	
<i>Calypte costae</i>	Costa's hummingbird	SA
<i>Cardellina pusilla</i>	Wilson's warbler	
<i>Carpodacus mexicanus</i>	House finch	
<i>Cathartes aura</i>	Turkey vulture	
<i>Catharus guttatus</i>	Hermit thrush	
<i>Catharus ustulatus</i>	Swainson's thrush	
<i>Catherpes mexicanus</i>	Canyon wren	
<i>Chamaea fasciata</i>	Wrentit	
<i>Charadrius vociferus</i>	Killdeer	
<i>Chondestes grammacus</i>	Lark sparrow	
<i>Circus cyaneus</i>	Northern harrier	CSC, MSHCP
<i>Colaptes auratus</i>	Northern flicker	
<i>Columba livia*</i>	Rock pigeon	
<i>Contopus sordidulus</i>	Western wood-pewee	
<i>Corvus brachyrhynchos</i>	American crow	
<i>Corvus corax</i>	Common raven	

WILDLIFE OBSERVED IN THE SURVEY AREA		
Scientific Name	Common Name	Status
<i>Egretta thula</i>	Snowy egret	SA
<i>Elanus leucurus</i>	White-tailed kite	CFP, MSHCP
<i>Empidonax difficilis</i>	Pacific-slope flycatcher	
<i>Empidonax oberholseri</i>	Dusky flycatcher	
<i>Empidonax traillii</i>	Willow flycatcher	SE, BCC, MSHCP
<i>Eremophila alpestris</i>	Horned lark	WL, MSHCP
<i>Euphagus cyanocephalus</i>	Brewer's blackbird	
<i>Falco mexicanus</i>	Prairie falcon	WL, BCC, MSHCP
<i>Falco sparverius</i>	American kestrel	MSHCP
<i>Fulica americana</i>	American coot	
<i>Geococcyx californianus</i>	Greater roadrunner	
<i>Geothlypis tolmiei</i>	MacGillivray's warbler	
<i>Geothlypis trichas</i>	Common yellowthroat	
<i>Himantopus mexicanus</i>	Black-necked stilt	
<i>Hirundo rustica</i>	Barn swallow	
<i>Icteria virens</i>	Yellow-breasted chat	CSC
<i>Icterus bullockii</i>	Bullock's oriole	
<i>Icterus cucullatus</i>	Hooded oriole	
<i>Lanius ludovicianus</i>	Loggerhead shrike	CSC, MSHCP
<i>Limnodromus scolopaceus</i>	Long-billed dowitcher	
<i>Limosa fedoa</i>	Marbled godwit	
<i>Melanerpes formicivorus</i>	Acorn woodpecker	
<i>Melospiza lincolnii</i>	Lincoln's sparrow	
<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>Myiarchus cinerascens</i>	Ash-throated flycatcher	
<i>Nycticorax nycticorax</i>	black-crowned night heron	
<i>Oreothlypis celata</i>	Orange-crowned warbler	
<i>Oreothlypis ruficapilla</i>	<u>Nashville warbler</u>	
<i>Oxyura jamaicensis</i>	Ruddy duck	
<i>Passer domesticus</i> *	House sparrow	
<i>Passerculus sandwichensis</i>	Savannah sparrow	
<i>Passerina amoena</i>	Lazuli bunting	
<i>Passerina caerulea</i>	Blue grosbeak	
<i>Petrochelidon pyrrhonota</i>	Cliff swallow	
<i>Phainopepla nitens</i>	Phainopepla	
<i>Phalacrocorax auritus</i>	<u>Double-crested cormor</u>	
<i>Pheucticus melanocephalus</i>	Black-headed grosbeak	
<i>Picoides pubescens</i>	downy woodpecker	
<i>Picoides nuttallii</i>	Nuttall's woodpecker	SA, BCC
<i>Picoides villosus</i>	<u>Hairy woodpecker</u>	

WILDLIFE OBSERVED IN THE SURVEY AREA		
Scientific Name	Common Name	Status
<i>Pipilo maculatus</i>	Spotted towhee	
<i>Piranga ludoviciana</i>	<u>Western tanager</u>	
<i>Plegadis chihi</i>	White-faced ibis	WL
<i>Podiceps nigricollis</i>	Eared grebe	
<i>Polioptila caerulea</i>	<u>Blue-gray gnatcatcher</u>	
<i>Polioptila californica californica</i>	Coastal California gnatcatcher	FT, CSC, MSHCP
<i>Poocetes gramineus</i>	Vesper sparrow	
<i>Psaltirparus minimus</i>	Bushtit	
<i>Quiscalus mexicanus</i>	Great-tailed grackle	
<i>Rallus limicola</i>	Virginia rail	
<i>Recurvirostra americana</i>	American avocet	
<i>Salpinctes obsoletus</i>	Rock wren	
<i>Sayornis nigricans</i>	Black phoebe	
<i>Sayornis saya</i>	Say's phoebe	
<i>Selasphorus sasin</i>	Allen's hummingbird	SA, BCC
<i>Setophaga coronata</i>	Yellow-rumped warbler	
<i>Setophaga nigrescens</i>	<u>Black-throated gray warbler</u>	
<i>Setophaga petechia</i>	Yellow warbler	CSC, BCC, MSHCP
<i>Sialia mexicana</i>	Western bluebird	
<i>Spinus lawrencei</i>	Lawrence's goldfinch	SA, BCC
<i>Spinus psaltria</i>	Lesser goldfinch	
<i>Spinus tristis</i>	American goldfinch	
<i>Spizella passerine</i>	<u>Chipping sparrow</u>	
<i>Stelgidopteryx serripennis</i>	Northern rough-winged swallow	
<i>Streptopelia decaocto</i> *	Eurasian collared dove	
<i>Sturnella neglecta</i>	Western meadowlark	
<i>Sturnus vulgaris</i> *	European starling	
<i>Thryomanes bewickii</i>	Bewick's wren	
<i>Toxostoma redivivum</i>	California thrasher	
<i>Tringa melanoleuca</i>	Greater yellowlegs	
<i>Troglodytes aedon</i>	House wren	
<i>Turdus migratorius</i>	American robin	
<i>Tyrannus verticalis</i>	Western kingbird	
<i>Tyrannus vociferans</i>	Cassin's kingbird	
<i>Tyto alba</i>	Barn owl	
<i>Vireo bellii pusillus</i>	least Bell's vireo	FE, SE, MSHCP
<i>Vireo cassinii</i>	Cassin's vireo	
<i>Vireo gilvus</i>	warbling vireo	
<i>Vireo huttoni</i>	<u>Hutton's vireo</u>	
<i>Zenaidra macroura</i>	Mourning dove	
<i>Zonotrichia leucophrys</i>	White-crowned sparrow	
Mammals		
<i>Canis latrans</i>	Coyote	

WILDLIFE OBSERVED IN THE SURVEY AREA		
Scientific Name	Common Name	Status
<i>Chaetodipus fallax fallax</i>	Northwestern San Diego pocket mouse	CSC, MSHCP
<i>Dipodomys simulans</i>	Dulzura kangaroo rat	
<i>Dipodomys stephensi</i>	Stephen's kangaroo rat	FE, ST, MSHCP
<i>Lepus californicus</i>	San Diego black tailed jackrabbit	CSC, MSHCP
<i>Microtus californicus</i>	California vole	
<i>Mus musculus*</i>	House mouse	
<i>Mustela frenata</i>	Long-tailed weasel	MSHCP
<i>Neotoma fuscipes</i>	Dusky-footed woodrat	
<i>Neotoma lepida intermedia</i>	San Diego desert woodrat	CSC, MSHCP
<i>Neotoma macrotis</i>	big-eared woodrat	
<i>Odocoileus hemionus</i>	Mule deer	
<i>Onychomys torridus ramona</i>	Southern grasshopper mouse	CSC
<i>Perognathus longimembris brevinasus</i>	Los Angeles pocket mouse	CSC, MSHCP
<i>Peromyscus boylii</i>	Brush mouse	
<i>Peromyscus californicus</i>	Parasitic mouse	
<i>Peromyscus eremicus</i>	Cactus mouse	
<i>Peromyscus fraterculus</i>	Baja mouse	
<i>Peromyscus maniculatus</i>	Deer mouse	
<i>Procyon lotor</i>	Raccoon	
<i>Reithrodontomys megalotus</i>	Harvest mouse	
<i>Spermophilus beecheyi</i>	California ground squirrel	
<i>Sylvilagus auduboni</i>	Desert cottontail	
<i>Sylvilagus bachmani</i>	Brush rabbit	
<i>Thomomys bottae</i>	Botta's pocket gopher	

Federal Rankings:

FE = Federally Endangered
 FT = Federally Threatened
 FC = Federal Candidate for Listing
 BCC = USFWS Bird of Conservation Concern

MSHCP = Covered species under the Western Riverside County Multiple Species Habitat Conservation Plan

State Rankings:

SE= State Endangered
 ST = State Threatened
 CFP = California Fully Protected
 CPF = California Protected Fur-bearer
 SA = CDFG Special Animal
 WL = CDFG Watch List
 CSC = California Species of Special Concern

* = Introduced/Non-native

3-2. Plants Observed

PLANTS OBSERVED IN THE SURVEY AREA		
Scientific Name	Common Name	Status
<i>Achillea millefolium</i>	common yarrow	
<i>Acmispon americanus</i> var. <i>americanus</i>	parish's lotus	
<i>Acourtia microcephala</i>	sacapellote	
<i>Adenostoma fasciculatum</i>	chamise	
<i>Ailanthus altissima</i>	tree of heaven	
<i>Amaranthus albus</i> *	tumbling pigweed	
<i>Ambrosia acanthicarpa</i>	annual bursage	
<i>Ambrosia psilostachya</i>	western ragweed	
<i>Ambrosia pumila</i>	San Diego ambrosia	FE, CRPR 1B.1
<i>Amsinckia menziesii</i> var. <i>intermedia</i>	common fiddleneck	
<i>Anagallis arvensis</i> *	scarlet pimpernel	
<i>Anemopsis californica</i>	yerba mansa	
<i>Anthemis cotula</i>	mayweed	
<i>Antirrhinum coulterianum</i>	white snapdragon	
<i>Antirrhinum nuttallianum</i> ssp. <i>nuttallianum</i>	Nuttall's snapdragon	
<i>Artemisia californica</i>	California sagebrush	
<i>Artemisia douglasiana</i>	mugwort	
<i>Artstida purpurea</i>	purple threeawn	
<i>Asclepias californica</i>	California milkweed	
<i>Astragalus gambelianus</i>	gambel milkvetch	
<i>Astragalus pomonensis</i>	Pomona locoweed	
<i>Atriplex argentea</i> ssp. <i>expansa</i> (<i>Atriplex argentea</i> ssp. <i>mohavensis</i>)	Mojave silver scale	
<i>Atriplex semibaccata</i> *	Australian saltbush	
<i>Atriplex suberecta</i> *	sprawling saltbush	
<i>Avena barbata</i> *	slender wild oat	
<i>Avena fatua</i> *	wild oat	
<i>Baccharis pilularis</i>	coyote bush	
<i>Baccharis pilularis</i> ssp. <i>consanguinea</i>	American carrot	
<i>Baccharis salicifolia</i>	mulefat	
<i>Baileya multiradiata</i>	desert baileya	
<i>Bassia hyssopifolia</i> *	fivehook bassia	
<i>Bolboschoenus maritimus</i> (<i>Scirpus maritimus</i>)	alkali bulrush	
<i>Brassica nigra</i> *	black mustard	
<i>Brassica rapa</i> *	field mustard	
<i>Brickellia californica</i>	California brickellbush	
<i>Bromus diandrus</i> *	ripgut brome	
<i>Bromus hordeaceus</i> *	soft chess	
<i>Bromus madritensis</i> ssp. <i>rubens</i> *	red brome/foxtail chess	
<i>Bromus rubens</i> *	red brome	
<i>Bromus tectorum</i> *	downey brome	
<i>Calochortus splendens</i>	splendid mariposa lily	
<i>Calystegia macrostegia</i>	island false bindweed	
<i>Camissonia bistorta</i>	California suncup	
<i>Camissonia campestris</i>	Mojave suncup	
<i>Camissoniopsis intermedia</i>	intermediate camissonia	
<i>Camissoniopsis micrantha</i>	miniature suncup	
<i>Carduus pycnocephalus</i> *	Italian thistle	

PLANTS OBSERVED IN THE SURVEY AREA		
Scientific Name	Common Name	Status
<i>Castilleja affinis</i> ssp. <i>affinis</i>	coast paintbrush	
<i>Centaurea melitensis</i> *	toçalote/malta star thistle	
<i>Centaurea solstitialis</i> *	yellow star thistle	
<i>Centaurium venustum</i>	beautiful century	
<i>Centromadia pungens</i> ssp. <i>laevis</i> (<i>Hemizonia pungens</i> ssp. <i>laevis</i>)	smooth tarplant	CRPR 1B.1, MSHCP
<i>Chamaesyce albomarginata</i>	rattlesnake spurge	
<i>Cheilanthes newberryi</i>	cotton fern	
<i>Chenopodium album</i> *	lamb's quarters	
<i>Chenopodium berlandieri</i> var. <i>zschackei</i>	pit-seeded goosefoot	
<i>Chenopodium californicum</i>	California goosefoot	
<i>Chorizanthe fimbriata</i>	fringed spineflower	
<i>Chorizanthe parryi</i> var. <i>parryi</i>	Parry's spineflower	
<i>Chorizanthe polygonoides</i>	knotweed spineflower	
<i>Chorizanthe polygonoides</i> var. <i>longispina</i>	long-spined spineflower	CRPR 1B.2
<i>Chorizanthe procumbens</i>	prostrate spineflower	
<i>Chrysanthemum coronarium</i> *	garland chrysanthemum	
<i>Cirsium vulgare</i> *	bull thistle	
<i>Cistus incanus</i> *	hairy rock-rose	
<i>Clarkia epilobioides</i>	willow-herb clarkia	
<i>Clarkia purpurea</i>	purple clarkia	
<i>Claytonia perfoliata</i>	miner's lettuce	
<i>Conium maculatum</i> *	poison hemlock	
<i>Convolvulus arvensis</i> *	bindweed	
<i>Convolvulus simulans</i>	small-flowered morning glory	CRPR 4.2
<i>Conyza canadensis</i>	horseweed	
<i>Cordylanthus rigidus</i>	rigid bird's beak	
<i>Corethrogyne filaginifolia</i>	California sand-aster	
<i>Cortaderia jubata</i> *	pampas grass	
<i>Cotula coronopifolia</i> *	brass buttons	
<i>Crassula aquatic</i>	common pigmy weed	
<i>Crassula aquatica</i>	water pygmyweed	
<i>Crassula connata</i>	pygmy-weed	
<i>Cressa truxillensis</i>	alkali weed	
<i>Croton setiger</i>	turkey-mullein	
<i>Croton setigerus</i>	dove weed	
<i>Crypsis schoenoides</i> *	swamp prickly grass	
<i>Cryptantha intermedia</i>	common cryptantha	
<i>Cryptantha intermedia</i> var. <i>intermedia</i>	intermediate cryptantha	
<i>Cryptantha micrantha</i> var. <i>lepidia</i>	purple root cryptantha	
<i>Cryptantha microstachys</i>	Tejon cryptantha	
<i>Cucurbita foetidissima</i>	calabazilla	
<i>Cucurbita palmata</i>	coyote gourd	
<i>Cuscuta californica</i> var. <i>californica</i>	California dodder/chaparral dodder	
<i>Cynodon dactylon</i> *	bermuda grass	
<i>Cyperus eragrostis</i>	eragrostoid cyperus	
<i>Cyperus eragrostis</i>	tall umbrella-sedge	
<i>Datura wrightii</i>	jimson weed	

PLANTS OBSERVED IN THE SURVEY AREA		
Scientific Name	Common Name	Status
<i>Daucus pusillus</i>	wild carrot	
<i>Deinandra fasciculata</i> (<i>Hemizonia fasciculata</i>)	clustered tarweed	
<i>Deinandra paniculata</i> (<i>Hemizonia paniculata</i>)	San Diego tarweed (paniculate tarplant)	CRPR 4.2
<i>Delphinium parryi</i> ssp. <i>parryi</i>	Parry's larkspur/blue larkspur	
<i>Deschampsia danthonioides</i>	annual hairgrass	
<i>Descurainia sophia</i> *	flix weed	
<i>Dichelostemma capitatum</i>	blue dicks	
<i>Dimorphotheca sinuata</i> *	African daisy	
<i>Distichlis spicata</i>	salt grass	
<i>Dudleya lanceolata</i>	lance-leaved dudleya	
<i>Dudleya pulverulenta</i>	chalk dudleya	
<i>Dysphania ambrosioides</i> (<i>Chenopodium ambrosioides</i>)*	Mexican tea	
<i>Eleocharis macrostachya</i>	longstem spike-rush	
<i>Eleocharis parishii</i>	Parish's spike-rush	
<i>Elymus condensatus</i>	giant wildrye	
<i>Elymus triticoides</i> (<i>Leymus triticoides</i>)	beardless wild rye	
<i>Emmenanthe penduliflora</i>	whispering bells	
<i>Encelia farinosa</i>	incienso brittlebush	
<i>Epilobium brachycarpum</i>	upland willow-herb	
<i>Epilobium ciliatum</i>	willow-herb	
<i>Eriastrum sapphirinum</i>	annual woollystar/sapphire woollystar	
<i>Ericameria palmeri</i> var. <i>pachylepis</i>	grassland goldenbush	
<i>Erigeron bonariensis</i> *	flax-leaved horseweed	
<i>Erigeron foliosus</i> var. <i>foliosus</i>	leafy daisy	
<i>Erigonum gracile</i>	slender buckwheat	
<i>Eriodictyon crassifolium</i>	thick leaf yerba santa	
<i>Eriogonum fasciculatum</i> var. <i>fasciculatum</i>	California buckwheat	
<i>Eriogonum fasciculatum</i> var. <i>foliolosum</i>	leafy California buckwheat	
<i>Eriophyllum confertiflorum</i>	golden yarrow	
<i>Eriophyllum multicaule</i>	many-stemmed woolly daisy	
<i>Erodium botrys</i> *	long-beaked filaree	
<i>Erodium cicutarium</i> *	red-stem filaree/stork's bill	
<i>Erodium moschatum</i> *	greenstem filaree	
<i>Eschscholzia californica</i>	California poppy	
<i>Eucalyptus globulus</i> *	blue gum	
<i>Eucalyptus polyanthemus</i> *	silver dollar gum	
<i>Eucrypta chrysanthemifolia</i>	common eucrypta	
<i>Eucrypta chrysanthemifolia</i> var. <i>chrysanthemifolia</i>	chrysanthemum-leaved eucrypta	
<i>Euphorbia spathulata</i>	warty spurge	
<i>Festuca microstachys</i>	Nuttall's fescue	
<i>Festuca myuros</i> (<i>Vulpia myuros</i> var. <i>hirsuta</i>)*	foxtail fescue	
<i>Filago californica</i>	California filago	
<i>Filago gallica</i> *	narrow-leaved filago	
<i>Foeniculum vulgare</i> *	fennel	
<i>Frankenia salina</i>	alkali heath	
<i>Funastrum cynanchoides</i> spp. <i>Heterophyllum</i>	climbing milkweed	
<i>Galium angustifolium</i>	narrowly leaved bedstraw	

PLANTS OBSERVED IN THE SURVEY AREA		
Scientific Name	Common Name	Status
<i>Galium aparine</i>	common bedstraw	
<i>Gilia angelensis</i>	chaparral gilia	
<i>Gnaphalium californicum</i>	California matchweed	
<i>Gnaphalium palustre</i>	western marsh cudweed	
<i>Harpagonella palmeri</i>	Palmer's grapplinghook	CRPR 4.2
<i>Hazardia squarrosa</i>	saw toothed goldenbush	
<i>Hedypnois cretica*</i>	crete weed	
<i>Helianthemum scoparium</i>	bisbee peak rushrose	
<i>Helianthus annuus</i>	western sunflower	
<i>Helianthus gracilentus</i>	slender sunflower	
<i>Heliotropium curassavicum</i>	alkali heliotrope	
<i>Hemizonia kelloggii</i>	Kellogg's tarweed	
<i>Herniaria hirsuta</i> ssp. <i>cinerea*</i>	gray herniaria	
<i>Hesperocnide tenella</i>	western nettle	
<i>Heteromeles arbutifolia</i>	toyon	
<i>Heterotheca grandiflora</i>	telegraph weed	
<i>Hirschfeldia incana*</i>	short pod mustard	
<i>Hordeum marinum</i> ssp. <i>gussoneanum*</i>	Mediterranean barley	
<i>Hordeum murinum</i> var. <i>leporinum*</i>	hare barley	
<i>Hypochaeris glabra</i>	smooth cat's ear	
<i>Isocoma menziesii</i> var. <i>menziesii</i>	Menzies' goldenbush	
<i>Iva axillaris</i> (<i>Iva axillaris</i> ssp. <i>robustior</i>)	western poverty weed	
<i>Juncus bufonius</i>	common toad rush	
<i>Juncus bufonius</i> var. <i>occidentalis</i>	western toad rush	
<i>Juncus mexicanus</i>	Mexican rush	
<i>Juncus xiphioides</i> <i>iris</i>	leaved rush	
<i>Keckiella antirrhinoides</i> ssp. <i>antirrhinoides</i>	yellow bush-penstemon	
<i>Koeleria macrantha*</i>	junegrass	
<i>Lactuca serriola*</i>	prickly lettuce	
<i>Lastarriaea coriacea</i>	leatherm-spineflower	
<i>Lasthenia coronaria</i>	royal goldfields	
<i>Lasthenia gracilis</i>	common goldfields	
<i>Layia glandulosa</i>	white layia	
<i>Lepidium didymum*</i>	lesser swine cress	
<i>Lepidium latifolium*</i>	broad-leaved peppergrass	
<i>Lepidium nitidum</i>	shiny pepperweed	
<i>Limonium perezii*</i>	Canarian sea lavender	
<i>Linanthus dianthiflorus</i>	fringed linanthus	
<i>Logfia filaginoides</i> (<i>Filago californica</i>)	California cottonrose	
<i>Logfia gallica</i> (<i>Filago gallica</i>)	daggerleaf cottonrose	
<i>Lolium multiflorum*</i>	Italian rye grass	
<i>Lolium perenne*</i>	perennial ryegrass	
<i>Lotus hamatus</i>	grab lotus	
<i>Lotus purshianus</i>	Spanish clover	
<i>Lotus scoparius</i>	deerweed	
<i>Lotus strigosus</i>	strigose lotus	
<i>Lupinus biocolor</i>	miniature lupine	
<i>Lupinus microcarpus</i> var. <i>densiflorus</i>	dense-flowered chick lupine	

PLANTS OBSERVED IN THE SURVEY AREA		
Scientific Name	Common Name	Status
<i>Lupinus succulentus</i>	arroyo lupine	
<i>Lupinus truncates</i>	truncate lupine /collar lupine	
<i>Lythrum hyssopifolia</i> *	grass poly	
<i>Malacothamnus fasciculatus</i>	chaparral mallow	
<i>Malacothrix saxatilis</i>	cliff aster	
<i>Malva parviflora</i> *	cheeseweed	
<i>Malvella leprosa</i>	alkali mallow	
<i>Marah fabaceus</i>	California manroot	
<i>Marah macrocarpus</i>	chilicothe	
<i>Marrubium vulgare</i> *	horehound	
<i>Matricaria discoidea (Chamomilla suaveolens)</i> *	pineapple weed	
<i>Matricaria occidentalis (Chamomilla occidentalis)</i> *	valley pineapple weed	
<i>Medicago lupulina</i> *	black medic	
<i>Medicago polymorpha</i> *	California burclover	
<i>Melica imperfect</i>	little California melic grass	
<i>Melilotus indica</i> *	sourclover	
<i>Mesembryanthemum nodiflorum</i> *	slender-leaved iceplant	
<i>Mimulus aurantiacus</i>	bush monkey flower	
<i>Mimulus brevipes</i>	slope semaphore	
<i>Mimulus guttatus</i>	seep monkeyflower	
<i>Mirabilis lavis</i>	wishbone bush	
<i>Modiola caroliniana</i> *	modiola	
<i>Muhlenbergia rigens</i>	deergrass	
<i>Nasturtium officinale (Rorippa nasturtium-aquaticum)</i>	watercress	
<i>Navarretia atractyloides</i>	holly-leaved skunkweed	
<i>Navarretia hamata</i>	hooked navarretia	
<i>Nemophila menziesii</i>	baby blue-eyes	
<i>Nerium oleander</i> *	oleander	
<i>Nicotiana glauca</i> *	tree tobacco	
<i>Notholaena californica</i>	California cloak-fern	
<i>Olea europaea</i> *	olive tree	
<i>Oncosiphon piluliferum</i> *	stink net	
<i>Opuntia littoralis</i>	coast prickly pear	
<i>Osmadenia tenella</i>	osmadenia	
<i>Paeonia californica</i>	California peony	
<i>Parietaria hespera var. californica</i>	western pellitory	
<i>Pectocarya linearis ssp. ferocula</i>	narrow-toothed pectocarya	
<i>Pectocarya penicillata</i>	northern pectocarya	
<i>Pellaea andromedifolia</i>	coffee fern	
<i>Pellaea mucronata</i>	bird's foot fern	
<i>Pennisetum setaceum</i> *	fountain grass	
<i>Penstemon centranthifolius</i>	scarlet bugler	
<i>Penstemon heterophyllus</i>	foothill penstemon	
<i>Penstemon spectabilis</i>	showy Penstemon	
<i>Pentagramma triangularis ssp. triangularis</i>	goldenback fern	
<i>Phacelia cicutaria</i>	caterpillar phacelia	
<i>Phacelia distans</i>	common phacelia	

PLANTS OBSERVED IN THE SURVEY AREA		
Scientific Name	Common Name	Status
<i>Phacelia minor</i>	Canterbury-bell	
<i>Phacelia ramosissima</i>	branching phacelia	
<i>Phalaris minor</i> *	little seed canary grass	
<i>Phalaris paradoxa</i> *	hood canary grass	
<i>Pinus spp.</i> *	pine tree	
<i>Piptatherum miliaceum</i> *	smilo grass	
<i>Plagiobothrys canescens var. canescens</i>	valley popcornflower	
<i>Plagiobothrys collinus var. californicus</i>	California popcornflower	
<i>Plagiobothrys leptocladus</i>	wire-stemmed popcornflower	
<i>Plantago erecta</i>	dwarf plantain / California plantain	
<i>Plantago lanceolata</i> *	English plantain	
<i>Platanus racemosa</i>	western sycamore	
<i>Pluchea odorata</i>	marsh fleabane	
<i>Poa annua</i>	annual bluegrass	
<i>Polycarpon depressum</i>	California polycarp	
<i>Polygonum argyrocoleon</i> *	Persian knotweed	
<i>Polygonum aviculare ssp. depressum (Polygonum arenastrum)</i> *	common/prostrate knotweed	
<i>Polypogon monspeliensis</i> *	annual beard grass/ rabbits foot grass	
<i>Populus fremontii ssp. fremontii</i>	Fremont cottonwood	
<i>Pseudognaphalium beneolens (Gnaphalium canescens ssp. beneolens)</i>	everlasting cudweed	
<i>Pseudognaphalium californicum (Gnaphalium californicum)</i>	California everlasting	
<i>Pseudognaphalium canescens</i>	Wright's cudweed	
<i>Pseudognaphalium luteoalbum (Gnaphalium luteoalbum)</i> *	weedy cudweed	
<i>Psilocarphus brevissimus var. brevissimus</i>	dwarf woollyheads	
<i>Psilocarphus tenellus</i>	woolly marbles	
<i>Pteridium aquilinum</i>	western bracken fern	
<i>Pterostegia drymariodes</i>	pterostegia	
<i>Quercus agrifolia</i>	coast live oak/ interior live oak	
<i>Quercus berberidifolia</i>	scrub oak	
<i>Quercus engelmannii</i>	Engelmann oak	CRPR 4.3, MSHCP
<i>Rafinesquia californica</i>	California chicory	
<i>Raphanus sativus</i> *	wild radish	
<i>Rhamnus californica</i>	California coffeeberry	
<i>Rhamnus crocea</i>	spiny redberry	
<i>Rhus ovata</i>	sugar bush	
<i>Rhus trilobata</i>	shunkbrush	
<i>Ricinus communis</i> *	castor bean	
<i>Robinia pseudoacacia</i> *	black locust	
<i>Rumex acetosella</i> *	sheep sorrel	
<i>Rumex crispus</i> *	curly dock	
<i>Rumex hymenosepalus</i>	wild rhubarb	
<i>Salix exigua</i>	sandbar willow	
<i>Salix gooddingii</i>	Goodding's black willow	
<i>Salix laevigata</i>	red willow	
<i>Salix lasiolepis</i>	arroyo willow	

PLANTS OBSERVED IN THE SURVEY AREA		
Scientific Name	Common Name	Status
<i>Salsola tragus</i> *	Russian thistle	
<i>Salvia apiana</i>	white sage	
<i>Salvia columbariae</i>	chia	
<i>Salvia mellifera</i>	black sage	
<i>Sambucus nigra</i> ssp. <i>caerulea</i>	blue elderberry	
<i>Schinus molle</i> *	Peruvian pepper tree/California pepper tree	
<i>Schismus barbatus</i> *	common Mediterranean grass	
<i>Schoenoplectus californicus</i> (<i>Scirpus californicus</i>)	southern bulrush	
<i>Scrophulraia californica</i>	California figwort	
<i>Scutellaria tuberosa</i>	Danny's skullcap	
<i>Senecio vulgaris</i> *	common groundsel	
<i>Sidalcea malviflora</i>	checker mallow	
<i>Sisymbrium altissimum</i> *	tumbling mustard	
<i>Sisymbrium irio</i> *	London rocket	
<i>Sisymbrium orientale</i> *	oriental hedge mustard	
<i>Sisyrinchium bellum</i>	blue-eyed grass	
<i>Solanum parishii</i>	Parish's purple nightshade	
<i>Solanum xanti</i>	chaparral nightshade	
<i>Sonchus asper</i> ssp. <i>Asper</i> *	prickly sow thistle	
<i>Sonchus oleraceus</i> *	sow thistle	
<i>Spergularia bocconeii</i> *	Boccone's sand spurrey	
<i>Spergularia bocconi</i>	Boccone's sand-spurrey	
<i>Stachys ajugoides</i> var. <i>rigida</i>	rigid hedge nettle	
<i>Stachys albens</i>	white hedge-nettle	
<i>Stephanomeria exigua</i> ssp. <i>exigua</i>	small wreath plant	
<i>Stephanomeria virgata</i>	virgate wreath plant	
<i>Stipa coronata</i> (<i>Achnatherum coronatum</i>)	crested needlegrass	
<i>Stipa lepida</i> (<i>Nassella lepida</i>)	foothill needlegrass	
<i>Stipa pulchra</i> (<i>Nassella pulchra</i>)	purple needlegrass	
<i>Stylocline gnaphaloides</i>	everlasting neststraw	
<i>Taxarix ramosissima</i> *	Mediterranean tamarix	
<i>Tetradymia comosa</i>	cotton-thorn	
<i>Toxicodendron diversilobum</i>	poison oak	
<i>Tribulus terrestris</i> *	puncture vine	
<i>Trichostema lanceolatum</i>	vinegar weed	
<i>Triticum aestivum</i> *	wheat	
<i>Tropaeolum majus</i> *	garden nasturtium	
<i>Typha domingensis</i>	southern cattail	
<i>Typha latifolia</i>	broad-leaved cattail	
<i>Urtica dioica</i> ssp. <i>holosericea</i>	hoary nettle	
<i>Uropappus lindleyi</i>	sliver puffs	
<i>Urtica urens</i> *	dwarf nettle	
<i>Verbascum virgatum</i> *	wand mullein	
<i>Veronica anagallis-aquatica</i> *	water speedwell	
<i>Veronica peregrina</i> ssp. <i>xalapensis</i>	purslane speedwell	
<i>Vicia villosa</i> *	hairy vetch/winter vetch	
<i>Vitis girdiana</i>	Southern California grape/desert wild grape	
<i>Vulpia myuros</i> *	rattail fescue	

PLANTS OBSERVED IN THE SURVEY AREA		
Scientific Name	Common Name	Status
<i>Washingtonia robusta</i> *	Mexican fan palm	
<i>Xanthium strumarium</i> -	cocklebur	
<i>Xylococcus bicolor</i>	mission manzanita	
<i>Yucca schidigera</i>	Mojave yucca	
<i>Yucca whipplei</i>	Our Lord's candle/chaparral yucca	

Federal designations: (federal ESA, USFWS).

FE: Federally listed, endangered.

FT: Federally listed, threatened.

FC: Federal candidate for listing.

State designations: (CESA, CDFW)

END: State listed, endangered.

THR: State listed, threatened.

California Rare Plant Rank (CRPR):

1A. – Presumed extinct in California

1B. – Rare or endangered in California and elsewhere

2A. – Presumed extinct in California, more common elsewhere

2B. – Rare or endangered in California, more common elsewhere

3. – Plants for which more information is needed (Review list)

4. – Plants of limited distribution (Watch List)

Threat Rank Extension:

0.1 = Seriously endangered in California (over 80% of occurrences threatened / high degree and immediacy of threat)

0.2 = Fairly endangered in California (20-80% occurrences threatened)

0.3 = Not very endangered in California (<20% of occurrences threatened or no current threats known)

Western Riverside County Multiple Species Habitat Conservation Plan (MSHCP)

Covered= Species that are covered by the MSHCP as either a Criteria Area Plant or a Narrow Endemic Plant