

**Vascular Plant Checklist of the Lake Calavera and Calavera Heights Preserves**  
 Carlsbad, California • James Dillane • March, 2013

The names in the following list are from the New Jepson Manual, 2<sup>nd</sup> Ed., 2012. <http://ucjeps.berkeley.edu/IJM.html>  
 It currently contains 393 plants including species, subspecies, varieties and hybrids. 119 of them are naturalized plants from outside the region. Not included are garden escapes along the boundaries such as the large Eve's Pin Cactus, *Austrocylindropuntia subulata*, at the Sky Haven East trailhead. The scientific name is listed first, with the asterisk indicating a naturalized species. The common name follows, then the habitat within the preserve where it is most commonly found. The next column has an x if the plant has been found in the Calaveras Lake Preserve, and the last column indicates if it is known from the Calavera Heights Preserve: h= Calavera Hill, c= the canyon below the dam, q=quarry, and s= the area to the west of the spillway.

<b>LYCOPOPHYTES</b>				
<b>SELAGINACEAE</b>				
Selaginella bigelovii	Spike-Moss Family	Rock Outcrop	?	<b>h</b>
Selaginella cinerascens	Bigelow's Spike Moss	Sage Scrub	<b>x</b>	<b>hc</b>
<b>ASHES</b>				
<b>DRYOPTERACEAE</b>				
Dryopteris arguta	Wood Fern Family	Chaparral		<b>c</b>
<b>OPHIOGLOSSACEAE</b>				
Ophioglossum californicum	Adder's Tongue Family	Grassland	<b>x</b>	<b>0</b>
<b>POLYPODIACEAE</b>				
Polypodium californicum	Polypody Family	Chaparral	<b>x</b>	<b>hc</b>
<b>PTERIDACEAE</b>				
Adiantum jordanii	Brake Fern Family	Chaparral	<b>x</b>	<b>h</b>
Aspidotis californica	California Maidenhair	Chaparral	<b>0</b>	<b>c</b>
Cheilanthes newberryi	California Lace Fern	Chaparral	<b>x</b>	<b>0</b>
Pellaea andromedifolia	California Cotton Fern	Chaparral	<b>0</b>	<b>hc</b>
Pentagramma triangularis ssp. triangularis	Coffee Fern	Chaparral/Sage Scrub	<b>x</b>	<b>hc</b>
Pentagramma triangularis ssp. viscosa	Goldenback Fern	Chaparral	<b>x</b>	<b>h</b>
<b>MAGNOLIIDS</b>				
<b>SAURURACEAE</b>				
Anemopsis californica	Lizard's-Tail Family	Riparian	<b>x</b>	<b>0</b>
<b>EUDICOTS</b>				
<b>ADOXACEAE</b>				
Sambucus nigra. ssp. caerulea	Muskroot Family	Riparian	<b>x</b>	<b>h</b>
<b>AIZOACEAE</b>				
Carpobrotus edulis*	Fig-Marigold Family	Disturbed	<b>x</b>	<b>0</b>
Drosanthemum sp*	Hottentot Fig, Iceplant	Disturbed	<b>x</b>	<b>h</b>
Mesembryanthemum crystallinum*	Dewflower Iceplant	Disturbed	<b>0</b>	<b>h</b>
Mesembryanthemum nodiflorum*	Crystalline Iceplant	Disturbed	<b>0</b>	<b>h</b>
<b>AMARANTHACEAE</b>				
Amaranthus albus*	Slender-Leaved Iceplant	Disturbed	<b>0</b>	<b>h</b>
<b>ANACARDIACEAE</b>				
Malosma laurina	Amaranth Family	Disturbed	<b>x</b>	<b>0</b>
Rhus integrifolia	Sumac Family	Sage Scrub	<b>x</b>	<b>hc</b>
Schinus terebinthifolius*	Laurel Sumac	Sage Scrub	<b>x</b>	<b>hc</b>
Toxicodendron diversilobum	Lemonadeberry	Riparian	<b>x</b>	<b>0</b>
<b>APIACEAE</b>				
Apiastrum angustifolium	Brazilian Pepper Tree	Riparian	<b>x</b>	<b>hc</b>
Apium graveolens*	Poison Oak	Grassland, etc.	<b>x</b>	<b>hc</b>
Bowlesia incana	Carrot Family	Chaparral, Boulders	<b>x</b>	<b>h</b>
	Mock-Parsley			
	Celery			
	American Bowlesia			

<i>Conium maculatum</i> *	Poison Hemlock	Disturbed	x	h
<i>Daucus pusillus</i>	Rattlesnake Weed	Chaparral	x	ch
<i>Foeniculum vulgare</i> *	Fennel	Disturbed	x	hc
<i>Lomatium dasycarpum</i> ssp. <i>dasycarpum</i>	Wooly-Fruit Lomatium	Grassland/Chaparral	x	?
<i>Sanicula arguta</i>	Sharp-Tooth Sanicle	Grassland/Chaparral	x	h
<i>Sanicula bipinnatifida</i>	Purple Sanicle	Grassland	x	h
<i>Sanicula crassicaulis</i>	Pacific Sanicle	Chaparral, etc.	x	h
<i>Yabea microcarpa</i>	California Hedge-Parsley	Chaparral/Grassland	0	h
<b>APOCYNACEAE</b>				
<i>Asclepias fascicularis</i>	Narrow-Leaf Milkweed	Riparian	x	0
<i>Funastrum cynanchoides</i> var. <i>hartwegii</i>	Climbing Milkweed	Chaparral	0	h
<i>Vinca major</i> *	Greater Periwinkle	Riparian	x	0
<b>ASTERACEAE</b>				
<i>Acourtia microcephala</i>	Sacapellote, Purple Heads	Chaparral/Sage Scrub	x	c
<i>Ambrosia psilostachya</i>	Ragweed	Riparian	x	ch
<i>Artemisia californica</i>	California Sage	Sage Scrub	x	ch
<i>Artemisia douglasiana</i>	Douglas Mugwort	Riparian	x	c
<i>Baccharis pilularis</i> ssp. <i>consanguinea</i>	Coyote Brush	Riparian	x	ch
<i>Baccharis salicifolia</i> ssp. <i>salicifolia</i>	Mulefat	Riparian	x	hc
<i>Baccharis salicina</i>	Emory's Baccharis	Riparian Margin	x	ch
<i>Baccharis sarothroides</i>	Broom Baccharis	Chaparral/Riparian	x	0
<i>Brickellia californica</i>	California Brickellbush	Quarry	0	h
<i>Carduus pycnocephalus</i> ssp. <i>pycnocephalus</i> *	Italian Thistle	Chaparral	x	hc
<i>Centaurea melitensis</i> *	Tocalote, Star-Thistle	Disturbed	x	h
<i>Chaenactis glabriuscula</i> var. <i>glabriuscula</i>	Yellow Pincushion	Sage Scrub	x	h
<i>Cirsium occidentale</i> var. <i>californicum</i>	California Thistle	Grassland	x	
<i>Corethrogyne filaginifolia</i>	California Aster	Disturbed	x	ch
<i>Cotula australis</i> *	Australian Brass-Buttons	Disturbed	x	h
<i>Cotula coronopifolia</i> *	African Brass-Buttons	Riparian	x	
<i>Cynara cardunculus</i> *	Artichoke Thistle/Cardoon	Grassland/Disturbed	x	0
<i>Deinandra fasciculata</i>	Fascicled Tarweed	Disturbed	x	h
<i>Dimorphotheca fruticosa</i> *	Trailing African Daisy	Riparian	x	0
<i>Encelia californica</i>	Coast Brittlebush	Sage Scrub	x	hs
<i>Erigeron bonariensis</i> *	Flax-Leaf Fleabane	Riparian	x	c
<i>Erigeron canadensis</i>	Canadian Horseweed	Disturbed	x	c
<i>Erigeron coulteri</i>	Coulter's Horseweed	Disturbed	x	0
<i>Erigeron foliosus</i> var. <i>foliosus</i>	Fleabane Aster	Chaparral	x	
<i>Eriophyllum confertiflorum</i> var. <i>confertiflorum</i>	Golden Yarrow	Chaparral	x	hc
<i>Gamochaeta ustulata</i> *	Purple Cudweed	Disturbed	x	h
<i>Gazania hybrid</i> *	Garden Gazinia	Disturbed	x	0
<i>Glebionis coronaria</i>	Garland Daisy	Disturbed	x	hs
<i>Gnaphalium palustre</i>	Lowland Cudweed	Disturbed	x	
<i>Grindelia camporum</i>	Big Gumplant	Disturbed	x	
<i>Hazardia squarrosa</i> var. <i>grindelioides</i>	Sawtooth Goldenbush	Disturbed/Sage Scrub	x	hc
<i>Hedypnois cretica</i> *	Crete Hedypnois	Disturbed	x	h
<i>Helminthotheca echioides</i> *	Bristly Ox-tongue	Disturbed	x	ch
<i>Hesperexax sparsiflora</i> var. <i>sparsiflora</i>	Erect Evax	Open, heavy soil	x	h
<i>Heterotheca grandiflora</i>	Telegraph Weed	Disturbed	x	0
<i>Hypochaeris glabra</i> *	Smooth Cat's Ear	Disturbed	x	hc
<i>Isocoma menziesii</i> var. <i>decumbens</i>	Decumbent Goldenbush	Sage Scrub	x	?
<i>Isocoma menziesii</i> var. <i>menziesii</i>	Goldenbush	Sage Scrub	x	hc
<i>Lactuca serriola</i> *	Prickly Lettuce	Disturbed	x	

<i>Lasthenia gracilis</i>	Common Goldfields	Grassland	p	h
<i>Leptosyne maritima</i>	Sea Dahlia	Chaparral	0	h
<i>Logfia filaginoides</i>	California Filago	Chaparral, etc.	x	h
<i>Logfia gallica</i>	Narrow-Leaf Filago	Chaparral/Sage Scrub	x	hc
<i>Matricaria discoidea*</i>	Pineapple Weed	Disturbed	x	
<i>Micropus californicus</i> var. <i>californicus</i>	Slender Cottonweed	Open	x	
<i>Microseris douglasii</i> ssp. <i>platycarpa</i>	Small-Flowered <i>Microseris</i>	Grassland/Clay	x	h
<i>Osmadenia tenella</i>	Southern Rosinweed	Chaparral/Grassland	x	
<i>Pentachaeta aurea</i> ssp. <i>aurea</i>	Golden-Rayed <i>Pentachaeta</i>	Grassland/Chaparral	x	h
<i>Pluchea odorata</i>	Salt Marsh Fleabane	Riparian	x	
<i>Pseudognaphalium beneolens</i>	Fragrant Everlasting	Disturbed Grassland	x	s
<i>Pseudognaphalium biolettii</i>	Bicolored Everlasting	Chaparral	x	hc
<i>Pseudognaphalium californicum</i>	California Everlasting	Riparian	x	hc
<i>Pseudognaphalium luteoalbum*</i>	Common Cudweed	Disturbed	x	c
<i>Pseudognaphalium microcephalum</i>	White Everlasting	Chaparral	x	q
<i>Pseudognaphalium stramineum</i>	Cotton-Batting Plant	Disturbed	x	h
<i>Psilocarphus tenellus</i>	Slender Woolly-Heads	Grassland	x	h
<i>Rafinesquia californica</i>	California Chicory	Sage Scrub	x	h
<i>Silybum marianum*</i>	Milk Thistle	Disturbed	x	h
<i>Sonchus asper</i> ssp. <i>asper*</i>	Prickly Sowthistle	Riparian/Disturbed	x	ch
<i>Sonchus oleraceus*</i>	Common Sowthistle	Disturbed	x	c
<i>Stebbinsoseris heterocarpa</i>	Grassland Silverpuffs	Grassland	x	0
<i>Stephanomeria diegensis</i>	Twiggy Wreath Plant	Riparian, Chaparral	x	ch
<i>Stylocline gnaphaloides</i>	Everlasting Nest-Straw	Chaparral/Sage Scrub	x	h
<i>Symphytotrichum subulatum</i> var. <i>parviflorum</i>	Southern Saltmarsh Aster	Riparian	x	0
<i>Uropappus lindleyi</i>	Silver Puffs	Chaparral	0	h
<i>Xanthium strumarium*</i>	Cocklebur	Riparian	x	c
<b>BORAGINACEAE</b>				
<i>Amsinckia intermedia</i> var. <i>intermedia</i>	Rancher's Fiddleneck	Chaparral	x	h
<i>Cryptantha clevelandii</i> var. <i>clevelandii</i>	Cleveland's <i>Cryptantha</i>	Chaparral/Disturbed	x	h
<i>Cryptantha intermedia</i>	Nievitas <i>Cryptantha</i>	Chaparral	x	h
<i>Cryptantha micromeres</i>	Minute-Flower <i>Cryptantha</i>	Chaparral	x	h
<i>Emmenanthe penduliflora</i>	Whispering Bells	Chaparral	0	h
<i>Eucrypta chrysanthemifolia</i> var. <i>chrysanthemifolia</i>	Common <i>Eucrypta</i>	Chaparral	x	h
<i>Harpagonella palmeri</i>	Palmer's Grappling Hook	Grassland/Clay	x	h
<i>Heliotropium curassavicum</i> var. <i>oculatum</i>	Heliotrope	Riparian	x	
<i>Pectocarya linearis</i> ssp. <i>ferocula</i>	Slender Comb-Bur	Disturbed	x	ch
<i>Phacelia cicutaria</i> var. <i>hispida</i>	Caterpillar <i>Phacelia</i>	Sage Scrub	x	h
<i>Phacelia parryi</i>	Parry's <i>Phacelia</i>	Sage Scrub	0	h
<i>Phacelia ramosissima</i>	Branching <i>Phacelia</i>	Chaparral	x	c
<i>Pholistoma auritum</i> var. <i>auritum</i>	Blue Fiesta Flower	Oak Woodland/Chaparral	x	hc
<i>Pholistoma racemosum</i>	San Diego Fiesta Flower	Sage Scrub	x	h
<i>Plagiobothrys acanthocarpus</i>	Adobe Popcorn Flower	Clay/wet	x	h
<i>Plagiobothrys collinus</i> var. <i>californicus</i>	California Popcorn Flower	Grassland	x	h
<b>BRASSICACEAE</b>				
<i>Brassica nigra*</i>	Black Mustard	Disturbed	x	ch
<i>Brassica rapa*</i>	Field Mustard	Disturbed	x	h
<i>Brassica tournefortii*</i>	Sahara Mustard	Disturbed	x	
<i>Cardamine californica</i>	Milkmaids	Chaparral	x	h
<i>Caulanthus heterophyllus</i>	San Diego Jewel Flower	Chaparral/burns	0	h
<i>Hirschfeldia incana*</i>	Short-pod Mustard	Disturbed	x	ch
<i>Lepidium didymum*</i>	Lesser Wart-Cress	Disturbed	x	
<i>Lepidium nitidum</i>	Shining Peppergrass	Grassland	x	h

Lepidium strictum(*)	Wayside Peppergrass	Disturbed	x	h
Nasturtium officinale	Water-Cress	Riparian	x	c
Raphanus sativus*	Radish	Disturbed	x	h
Sisymbrium orientale*	Eastern Hedge Mustard	Disturbed	x	h
Thysanocarpus laciniata	Lacepod	Grassland	0	h
<b>CACTACEAE</b>	<b>Cactus Family</b>			
Opuntia ×occidentalis	Prickly-Pear	Sage Scrub	x	
Opuntia ficus-indica*	Mission Prickly-Pear	Sage Scrub	x	0
Opuntia littoralis	Coast Prickly-Pear	Sage Scrub	x	ch
Opuntia oricola	Chaparral Prickly-Pear	Sage Scrub	x	h
Opuntia prolifera	Coast Cholla	Chaparral	p	h
Opuntia robusta*	Giant Prickly Pear	Riparian/Disturbed	0	c
<b>CAMPANULACEAE</b>	<b>Bellflower Family</b>			
Nemacladus ramosissimus	Nuttall's Threadplant	Sage Scrub	x	h
Triodanis biflora	Small Venus Looking-Glass	Chaparral	x	0
<b>CAPRIFOLIACEAE</b>	<b>Honeysuckle Family</b>			
Lonicera subspicata var denudata	Honeysuckle	Riparian	x	h
<b>CARYOPHYLLACEAE</b>	<b>Pink Family</b>			
Cardionema ramosissimum	Tread Lightly	Disturbed	x	0
Cerastium glomeratum*	Mouse-Ear Chickweed	Disturbed	x	h
Polycarpon tetraphyllum var. tetraphyllum*	Four-Leaved Allseed	Disturbed	x	ch
Sagina decumbens ssp. occidentalis	Western Pearlwort	Grassland (wet)	x	0
Silene gallica*	Common Catchfly / Windmill Pink	Disturbed	x	h
Silene laciniata ssp. laciniata	Indian or Southern Pink	Chaparral	x	hc
Spergularia ~marina	Salt Marsh Sand-Spurry	Grassland/Disturbed	x	0
Spergularia villosa*	Hairy Sand-Spurry	Disturbed	x	h
Stellaria media*	Common Chickweed	Chaparral		h
<b>CHENOPODIACEAE</b>	<b>Goosefoot Family</b>			
Atriplex pacifica	South Coast Saltscale	Coastal Sage Scrub	0	h
Atriplex prostrata	Spearscale	Riparian	x	
Atriplex semibaccata*	Australian Saltbush	Disturbed	x	h
Chenopodium berlandieri*	Pitseed Goosefoot	Riparian/Disturbed	x	0
Chenopodium californicum	California Goosefoot	Chaparral	x	
Chenopodium murale*	Nettle-Leaf Goosefoot	Disturbed	x	h
Dysphania ambrosioides*	Mexican Tea	Disturbed	x	
Salicornia pacifica	Pacific Glasswort/Pickleweed	Marsh	x	0
Salsola australis*	Tumbleweed	Disturbed	x	ch
<b>CISTACEAE</b>	<b>Rock-Rose Family</b>			
Helianthemum scoparium	Rush Rose	Chaparral	x	h
<b>CLEOMACEAE</b>	<b>Spiderflower Family</b>			
Peritoma arborea	Bladder Pod	Coastal Sage Scrub	x	h
<b>CONVOLVULACEAE</b>	<b>Morning-Glory Family</b>			
Calystegia macrostegia	Wild Morning-Glory	Chaparral	0	h
Convolvulus simulans	Small-Flowered Morning-Glory	Grassland/Clay	x	h
Cuscuta californica var. californica	California Dodder	Coastal Sage Scrub	x	h
Dichondra occidentalis	Western Dichondra	Chaparral, Grassland	x	h
<b>CRASSULACEAE</b>	<b>Stonecrop Family</b>			
Crassula connata	Pygmy Weed	Open	x	hc
Crassula tillaea*	Mossy Stonecrop	Open	x	h
Dudleya edulis	Lady-Fingers	Rocky areas	0	h
Dudleya lanceolata	Coastal Dudleya	Rocky areas	x	hc
Dudleya pulverulenta	Chalk Dudleya	Rocky areas	x	hc
<b>CUCURBITACEAE</b>	<b>Gourd Family</b>			
Marah macrocarpus	Wild Cucumber	Riparian	x	hc

<b>DIPSACACEAE</b>	<b>Teasel Family</b>			
Dipsacus sativus*	Fuller's Teasel	Riparian	x	0
<b>ERICACEAE</b>	<b>Heath Family</b>			
Comarostaphylis diversifolia ssp. diversifolia	Summer-Holly	Chaparral	x	0
Xylococcus bicolor	Mission Manzanita	Sage Scrub	x	c
<b>EUPHORBIACEAE</b>	<b>Spurge Family</b>			
Chamaesyce maculata*	Spotted Spurge	Disturbed	x	c
Chamaesyce polycarpa	Golondrina/Sand Mat	Sage Scrub	0	h
Croton setigerus	Doveweed	Disturbed	x	
Euphorbia lathyris*	Gopher Spurge	Riparian	x	0
Euphorbia peplus*	Petty Spurge	Disturbed	x	0
Euphorbia spathulata	Spatulate-Leaved Spurge	Grassland/Clay	x	0
Ricinus communis*	Castor Bean	Disturbed, Riparian	x	s
<b>FABACEAE</b>	<b>Pea Family</b>			
Acacia ~cyclops*	Cyclops Acacia	Chaparral	x	s
Acmispon glaber var. glaber	Coast Deerweed	Sage Scrub	x	hc
Acmispon maritimus var. maritimus	Alkali Lotus	Grassland/Chaparral	0	h
Acmispon micranthus	Grab Lotus	Grassland/Chaparral	x	hc
Acmispon strigosus	Bishop's Lotus	Sage Scrub	x	hc
Lathyrus vestitus var. alefeldii	Wild Sweet Pea	Chaparral	x	h
Lotus corniculatus*	Birdfoot Trefoil	Riparian	x	0
Lupinus bicolor	Dove Lupine	Sage Scrub	x	
Lupinus concinnus	Bajada Lupine	Sage Scrub	0	h
Lupinus succulentus	Arroyo Lupine	Grassland/Clay	x	h
Lupinus truncatus	Collar Lupine	Sage Scrub	x	h
Medicago polymorpha*	Bur-Clover	Disturbed	x	q
Melilotus indicus*	Indian Sweetclover	Riparian/Disturbed	x	c
Caesalpinia spinosa*	Tara	Disturbed Sage Scrub	x	0
Trifolium depauperatum var. truncatum	Truncate Dwarf Sack Clover	Grassland	x	0
Trifolium gracilentum	Pinpoint Clover	Chaparral	0	h
Trifolium hirtum*	Rose Clover	Grassland	0	hc
Trifolium microcephalum	Maiden Clover	Chaparral Openings	0	h
Trifolium willdenovii	Tomcat/Valley Clover	Sage Scrub	0	h
Vicia ludoviciana ssp. ludoviciana	Deerpea Vetch	Sage Scrub	0	h
<b>FAGACEAE</b>	<b>Oak Family</b>			
Quercus agrifolia var. agrifolia	Coast Live Oak	Riparian	x	ch
Quercus dumosa	Nuttall's Scrub Oak	Chaparral	0	h
Quercus x acutidens	Torrey's Scrub Oak	Chaparral	x	hc
<b>FRANKENIACEAE</b>	<b>Frankenia Family</b>			
Frankenia salina	Alkali Heath	wetland	x	0
<b>GENTIANACEAE</b>	<b>Gentian Family</b>			
Zeltnera venusta	Canchalagua	Chaparral, etc.	x	h
<b>GERANIACEAE</b>	<b>Geranium Family</b>			
Erodium botrys*	Long-Beak Filaree	Grassland	x	h
Erodium cicutarium*	Red-Stem Filaree	Disturbed	x	h
Erodium moschatum*	White-Stem Filaree	Disturbed	x	
Geranium carolinianum	Carolina Geranium	Riparian/Grassland	x	hc
<b>GROSSULARIACEAE</b>	<b>Gooseberry Family</b>			
Ribes indecorum	Winter Current	Chaparral	x	hc
Ribes speciosum	Fuchsia-Flower Gooseberry	Riparian/Sage Scrub	x	hc
<b>LAMIACEAE</b>	<b>Mint Family</b>			
Marrubium vulgare*	Horehound	Disturbed	x	s
Salvia apiana	White Sage	Chaparral	x	hs

Salvia apiana x mellifera	Hybrid Black X White Sage	Chaparral	x	0
Salvia columbariae	Chia	Sage Scrub	x	h
Salvia mellifera	Black Sage	Sage Scrub	x	ch
Scutellaria tuberosa	Danny's Skullcap	Chaparral	x	h
Stachys ajugoides	Hedge-Nettle	Sage Scrub	x	h
<b>LYTHRACEAE</b>	<b>Loosestrife Family</b>			
Lythrum hyssopifolia*	Hyssop Loosestrife/Grass Poly	Grassland (wet)	x	
<b>MALVACEAE</b>	<b>Mallow Family</b>			
Malacothamnus fasciculatus	Chaparral Bushmallow	Chaparral, Riparian	x	ch
Malva parviflora*	Cheeseweed	Disturbed	x	0
Malvella leprosa	Alkali Mallow	Riparian	x	0
Sidalcea sparsifolia	Checker Bloom	Chaparral		h
<b>MONTIACEAE</b>	<b>Miner's Lettuce Family</b>			
Calandrinia ciliata	Red Maids	Sage Scrub	0	h
Claytonia parviflora ssp. parviflora	Narrow-Leaf Miner's Lettuce	Oak Woodland/Chaparral	x	h
Claytonia perfoliata ssp. mexicana	Southern Miner's Lettuce	Oak Woodland/Chaparral	x	?
Claytonia perfoliata ssp. perfoliata	Miner's Lettuce	Oak Woodland/Chaparral	x	hc
<b>MYRSINACEAE</b>	<b>Myrsine Family</b>			
Anagallis arvensis* [Lysimachia l.]	Scarlet Pimpernel	Disturbed	x	ch
Anagallis minima [Lysimachia m.]	Krause's Chaffweed	Grassland (wet)	x	0
<b>MYRTACEAE</b>	<b>Myrtle Family</b>			
Eucalyptus sp.*	Gumtree	Riparian	x	0
<b>NYCTAGINACEAE</b>	<b>Four-O'Clock Family</b>			
Mirabilis laevis var. crassifolia	California Wishbone Plant	Sage Scrub	x	h
<b>OLEACEAE</b>	<b>Olive Family</b>			
Fraxinus uhdei*	Shamel Ash	Riparian	x	0
Olea europaea*	Mission Olive	Chaparral	x	h
<b>ONAGRACEAE</b>	<b>Evening-Primrose Family</b>			
Camissoniopsis bistorta	California Sun Cup	Disturbed	x	0
Camissoniopsis intermedia	Intermediate Sun Cup	Sage Scrub	x	h
Clarkia epilobioides	Canyon Godetia	Chaparral	0	h
Clarkia purpurea subsp. quadrivulnera	Wine Cup Clarkia	Grassland	x	0
Epilobium brachycarpum	Summer Cotton-Weed	Grassland	(x)	0
Epilobium canum ssp. canum	California Fuschia	Chaparral Openings	x	h
Epilobium ciliatum ssp. ciliatum	Willow-Herb	Riparian	x	0
Oenothera elata ssp. hirsutissima	Great Marsh Evening-Primrose	Riparian	x	
<b>OROBANCHACEAE</b>	<b>Broom-Rape Family</b>			
Castilleja densiflora ssp. gracilis	Parish's Owl's-Clover	Chaparral/Grassland	x	h
Castilleja exserta ssp. exserta	Purple Owl's-Clover	Chaparral/Grassland	x	0
Cordylanthus rigidus ssp. setigerus	Dark-Tip Bird's Beak	Chaparral	x	h
<b>OXALIDACEAE</b>	<b>Wood-Sorrel Family</b>			
Oxalis pes-caprae*	Bermuda Buttercup	Riparian/Oak Woodland	x	qc
Oxalis pilosa	Pilose Wood-Sorrel	Riparian/Chaparral	x	h
<b>PAEONIACEAE</b>	<b>Peony Family</b>			
Paeonia californica	California Peony	Chaparral	x	c
<b>PAPAVERACEAE</b>	<b>Poppy Family</b>			
Eschscholzia californica	California Poppy	Sage Scrub	p	h
<b>PHRYMACEAE</b>	<b>Lopseed Family</b>			
Mimulus a. var. pubescens x var. puniceus	San Diego Monkeyflower	Chaparral	x	0
Mimulus aurantiacus var. puniceus	Bush Monkeyflower	Sage Scrub	x	h
<b>PLANTAGINACEAE</b>	<b>Plantain Family</b>			
Antirrhinum kelloggii	Kellogg's Twining Snapdragon	Chaparral	0	h
Antirrhinum nuttallianum subsp. subsessile	Lesser Nuttall's Snapdragon	Chaparral	x	h
Callitriche marginata	Long-Stalk Water-Starwort	Disturbed/vernally wet	0	h

Collinsia heterophylla	Chinese Houses	Chaparral/Grassland	<b>0</b>	<b>h</b>
Keckiella cordifolia	Cimbing Bush Penstemon	Chaparral	<b>x</b>	<b>hc</b>
Nuttallanthus texanus	Large Blue Toadflax	Coastal Sage Scrub	<b>p</b>	<b>h</b>
Plantago coronopus*	Cut-Leaved Plantain	Grassland	<b>x</b>	<b>0</b>
Plantago elongata	Elongate Plantain	Disturbed/seasonally wet	<b>x</b>	<b>h</b>
Plantago erecta	Western/Dot-Seed Plantain	Open	<b>x</b>	<b>h</b>
Plantago major*	Common Plantain	Riparian	<b>x</b>	
Plantago rhodosperma	Redseed Plantain	Clay	<b>0</b>	<b>h</b>
<b>PLUMBAGINACEAE</b>	<b>Leadwort Family</b>			
Limonium ramosissimum*	Algerian Sea Lavender	Riparian	<b>x</b>	<b>0</b>
<b>POLEMONIACEAE</b>	<b>Plox Family</b>			
Eriastrum filifolium	Thread-Leaf Woolly-Star	Disturbed/Sage Scrub	<b>x</b>	<b>h</b>
Gilia angelensis	Angel's Gilia	Sage Scrub		<b>h</b>
Linanthus dianthiflorus	Ground Pink	Grassland	<b>x</b>	<b>h</b>
Navarretia hamata ssp. leptantha	Hooked Skunkweed	Grassland	<b>x</b>	<b>ch</b>
<b>POLYGONACEAE</b>	<b>Buckwheat Family</b>			
Chorizanthe fimbriata var. fimbriata	Fringed Spineflower	Chaparral/Sage Scrub	<b>x</b>	<b>h</b>
Chorizanthe procumbens	Prostrate Spineflower	Chaparral/Grassland	<b>x</b>	<b>0</b>
Eriogonum fasciculatum var. foliolosum	Flat-Top Buckwheat	Sage Scrub	<b>x</b>	<b>ch</b>
Eriogonum fasciculatum var. polifolium	Rosemary Buckwheat	Sage Scrub	<b>x</b>	<b>0</b>
Pterostegia drymarioides	Threadstem	Chaparral	<b>x</b>	<b>ch</b>
Rumex californicus	California Dock	Wet: Ditches, Etc.	<b>x</b>	
Rumex conglomeratus*	Whorled Dock	Riparian	<b>x</b>	<b>c</b>
Rumex crispus*	Curly Dock	Riparian/grassland	<b>x</b>	<b>c</b>
<b>PRIMULACEAE</b>	<b>Primrose Family</b>			
Dodecatheon clevelandii ssp. clevelandii	Padres' Shooting Star	Grassland	<b>x</b>	<b>h</b>
<b>RANUNCULACEAE</b>	<b>Crowfoot Family</b>			
Clematis pauciflora	Small-Flowered Clematis	Chaparral	<b>0</b>	<b>h</b>
Delphinium parryi ssp. parryi	Parry Delphinium	Chaparral	<b>0</b>	<b>h</b>
Ranunculus hebecarpus	Pubescent-Fruit Buttercup	Chaparral	<b>x</b>	<b>h</b>
<b>RHAMNACEAE</b>	<b>Buckthorn Family</b>			
Adolphia californica	Adolphia	Sage Scrub	<b>x</b>	<b>ch</b>
Ceanothus tomentosus	Ramona Lilac	Sage Scrub	<b>x</b>	<b>c</b>
Rhamnus crocea	Spiny Redberry	Sage Scrub	<b>x</b>	<b>0</b>
<b>ROSACEAE</b>	<b>Rose Family</b>			
Adenostoma fasciculatum	Chamise	Chaparral	<b>x</b>	<b>ch</b>
Aphanes occidentalis	Western Lady's-Mantle	Chaparral	<b>x</b>	<b>h</b>
Cercocarpus minutiflorus	San Diego Mountain-Mahogany	Chaparral	<b>x</b>	<b>c</b>
Drymocallis glandulosa var. glandulosa	Sticky Cinquefoil	Chaparral	<b>x</b>	<b>c</b>
Heteromeles arbutifolia	Toyon	Chaparral	<b>x</b>	<b>ch</b>
Prunus ilicifolia ssp. ilicifolia	Holly-Leaf Cherry / Islay	Chaparral	<b>0</b>	<b>c</b>
Rosa californica	Wild Rose	Riparian	<b>x</b>	<b>0</b>
<b>RUBIACEAE</b>	<b>Madder Family</b>			
Galium angustifolium ssp. angustifolium	Narrow-Leaf Bedstraw	Chaparral	<b>x</b>	<b>h</b>
Galium aparine	Goose Grass	Oak Woodland	<b>x</b>	<b>hc</b>
Galium nuttallii ssp. nuttallii	Nuttall's/San Diego Bedstraw	Chaparral	<b>x</b>	<b>h</b>
Galium parisiense*	Wall Bedstraw	Grassland	<b>x</b>	<b>0</b>
Galium porrigens var. porrigens	Climbing Bedstraw	Chaparral	<b>x</b>	<b>h</b>
<b>RUTACEAE</b>	<b>Citrus Family</b>			
Cneoridium dumosum	Bushrue	Chaparral	<b>x</b>	<b>0</b>
<b>SALICACEAE</b>	<b>Willow Family</b>			
Populus fremontii	Fremont Cottonwood	Riparian	<b>x</b>	<b>0</b>
Salix exigua	Sandbar Willow	Riparian	<b>x</b>	<b>0</b>
Salix gooddingii	Black Willow	Riparian	<b>x</b>	<b>0</b>

Salix laevigata	Red Willow	Riparian	x	0
Salix lasiolepis	Arroyo Willow	Riparian	x	c
<b>SAPINDACEAE</b>	<b>Soapberry Family</b>			
Cupaniopsis anacardioides*	Carrotwood	Riparian	x	0
<b>SAXIFRAGACEAE</b>	<b>Saxifrage Family</b>			
Jepsonia parryi	Coast Jepsonia	Grassland, Shaded Banks	x	h
<b>SCROPHULARIACEAE</b>	<b>Figwort Family</b>			
Myoporum laetum*	Myoporum/Ngaio	Riparian	x	s
Scrophularia californica	California Bee Plant/Figwort	Chaparral	x	hc
<b>SOLANACEAE</b>	<b>Nightshade Family</b>			
Datura wrightii	Jimson Weed	Disturbed	x	h
Nicotiana glauca*	Tree Tobacco	Disturbed	x	c
Solanum americanum	Small-Flowered Nightshade	Disturbed	x	0
Solanum douglasii	Nightshade	Chaparral	x	h
Solanum parishii	Parish's Nightshade	Chaparral/Grassland	x	c
<b>TAMARICACEAE</b>	<b>Tamarisk Family</b>			
Tamarix sp.*	Tamarisk	Riparian	x	
<b>THEOPHRASTACEAE</b>	<b>Theophrasta Family</b>			
Samolus parviflorus	Water-Pimpernel	Riparian	x	0
<b>TROPAEOLACEAE</b>	<b>Nasturtium Family</b>			
Tropaeolum majus*	Garden Nasturtium	Riparian	x	0
<b>URTICACEAE</b>	<b>Nettle Family</b>			
Parietaria hespera var. ~californica	California Pellitory	Chaparral		h
Parietaria hespera var. hespera	Western Pellitory	Sage Scrub	x	h
Urtica dioica ssp. holosericea	Hoary/Stinging Nettle	Riparian	x	0
Urtica urens*	Dwarf Nettle	Disturbed	x	ch
<b>VERBENACEAE</b>	<b>Vervain Family</b>			
Verbena lasiostachys var. scabrida	Robust Vervain	Chaparral/Grassland	x	c
<b>VIOLACEAE</b>	<b>Violet Family</b>			
Viola pedunculata	Johnny Jump-Up	Chaparral	x	0
	<b>MONOCOTS</b>			
<b>AGAVACEAE</b>	<b>Agave Family</b>			
Agave americana*	Agave, Century Plant	Riparian	x	0
Chlorogalum parviflorum	Small-Flowered Amole	Chaparral/Grassland	x	c
Yucca ~gloriosa*	Spanish Dagger	Disturbed	x	c
Yucca schidigera	Mojave Yucca	Chaparral	x	h
<b>ALLIACEAE</b>	<b>Onion or Garlic Family</b>			
Allium haematochiton	Red-Skinned Onion	Grassland	0	h
Allium praecox	Early Onion	Chaparral	0	h
<b>AMARYLLIDACEAE</b>	<b>Amaryllis Family</b>			
Amaryllis belladonna*	Belladonna-Lily	Disturbed	x	?
<b>ARACEAE</b>	<b>Arum Family</b>			
Lemna sp.	Duckweed	Aquatic	x	0
<b>ARECACEAE</b>	<b>Palm Family</b>			
Phoenix canariensis*	Canary Island Date Palm	Riparian	x	0
Washingtonia robusta*	Mexican Fan Palm	Riparian	x	0
<b>ASPARAGACEAE</b>	<b>Asparagus Family</b>			
Asparagus aethiopicus*	Sprenger Asparagus	Riparian	x	0
Asparagus asparagoides*	Smilax Asparagus	Riparian	x	0
<b>CYPERACEAE</b>	<b>Sedge Family</b>			
Bolboschoenus maritimus ssp. paludosus	Saltmarsh Bulrush	Riparian	x	
Carex praegracilis	Clustered Field Sedge	Riparian	x	0
Carex spissa	San Diego Sedge	Riparian	x	0
Carex triquetra	Triangular-Fruit Sedge	Chaparral	x	ch



Cyperus eragrostis	Tall Flatsedge	Riparian	x	c
Cyperus involucratus*	African Umbrella-Plant	Riparian	x	
Eleocharis macrostachya	Pale Spike-Sedge	Riparian	x	c
Eleocharis montevidensis	Domy's Spike-Sedge	Riparian	x	c
Schoenoplectus californicus	California Bulrush	Riparian	x	
<b>IRIDACEAE</b>	<b>Iris Family</b>			
Chasmanthe floribunda*	African Cornflag	hill top	0	h
Sisyrinchium bellum	Blue-Eyed Grass	Grassland	x	h
<b>JUNCACEAE</b>	<b>Rush Family</b>			
Juncus acutus ssp. leopoldii	Spiny Rush	Riparian	x	c
Juncus bufonius var. bufonius	Toad Rush	Disturbed, Wet	x	
Juncus bufonius var. congestus*	Congested Toad Rush	Disturbed, Wet	x	
Juncus bufonius var. occidentalis	Western Toad Rush	Sage Scrub	x	h
Juncus mexicanus	Mexican Rush	Riparian	x	c
Juncus rugulosus	Wrinkled Rush	Riparian	x	h
Juncus xiphioides	Iris-Leaf Rush	Riparian	x	c
<b>LILIACEAE</b>	<b>Lily Family</b>			
Calochortus splendens	Splendid Mariposa Lily	Chaparral/Grassland	x	h
Calochortus weedii var. weedii	Weed's Mariposa Lily	Chaparral/Grassland	x	
<b>MELANTHIACEAE</b>	<b>False-Hellebore Family</b>			
Toxicoscordion venenosum var. venosum	Death Camas	Grassland	x	0
<b>POACEAE</b>	<b>Grass Family</b>			
Agrostis pallens	Leafy Bent	Chaparral	x	h
Aristida adscensionis	Six-Weeks Three-Awn	open/clay	0	h
Arundo donax*	Arundo	Riparian	x	ch
Avena barbata*	Slender Wild Oat	Disturbed	x	h
Avena fatua*	Common Wild Oat	Disturbed/Grassland	x	h
Bothriochloa barbinodis	Cane Bluestem	Chaparral	x	h
Brachypodium distachyon*	Purple Falsebrome	Chaparral/Grassland	x	
Bromus catharticus*	Rescue Grass	Disturbed	x	0
Bromus diandrus*	Ripgut Brome	Grassland	x	ch
Bromus hordeaceus*	Soft Chess	disturbed	x	h
Bromus madritensis ssp. rubens*	Red Brome	Grassland	x	h
Cortaderia seloana*	Pampas Grass	Disturbed/Riparian	x	q
Cynodon dactylon*	Bermuda Grass	Riparian	0	c
Distichlis spicata	Saltgrass	Grassland, Riparian	x	c
Ehrharta erecta*	Veldt Grass	Disturbed Riparian	x	0
Elymus condensatus	Giant Wildrye	Riparian	x	c
Elymus triticoides	Beardless Wildrye	Riparian	x	c
Festuca arundinacea*	Tall Fescue	Riparian margin	x	0
Festuca microstachys	Pacific Fescue	Grassland	x	h
Festuca myuros*	Foxtail Fescue	Disturbed	x	h
Festuca octoflora	Six Weeks Fescue	Chaparral	x	h
Festuca perennis*	Ryegrass	Disturbed/Grassland	x	ch
Gastridium phleoides	Nit Grass	Grassland	x	h
Hordeum murinum ssp. leporinum*	Hare Barley	Disturbed	x	
Lamarckia aurea*	Golden-Top	Sage Scrub	x	h
Melica imperfecta	Coast Range Melic	Sage Scrub	x	h
Muhlenbergia microsperma	Littleseed Muhly	Sage Scrub	x	hc
Muhlenbergia rigens	Deer Grass	Grassland	x	hc
Paspalum dilatatum*	Dallis Grass	Disturbed	x	
Pennisetum setaceum*	Fountain Grass	Disturbed	x	h
Phalaris canariensis*	Canary Grass	Disturbed	0	h

Phalaris minor*	Littleseed Canary Grass	Moist Grassland/Clay	x	h
Poa annua*	Annual Bluegrass	Disturbed	x	
Poa secunda	One-Sided Bluegrass	Grassland	0	h
Polypogon monspeliensis*	Rabbitfoot Grass	Riparian	x	c
Polypogon viridis*	Water Beard Grass	Riparian	x	
Schismus barbatus*	Mediterranean Grass	Disturbed	x	h
Sporobolus airoides	Alkali Sacaton	Marsh	x	0
Stipa coronata	Giant Needlegrass	Sage Scrub	x	hc
Stipa lepida	Foothill Needlegrass	Chaparral	x	h
Stipa miliacea var. miliacea*	Smilo Grass	Chaparral	x	hc
Stipa pulchra	Purple Needlegrass	Grassland	x	h
<b>THEMIDACEAE</b>	<b>Brodiaea Family</b>			
Bloomeria crocea	Golden Stars	Chaparral/Grassland	x	h
Brodiaea filifolia	Thread-Leaved Brodiaea	Grassland/Sage Scrub	x	0
Dichelostemma capitatum ssp. capitatum	Blue Dicks	Chaparral	x	h
Muilla maritima	Common Muilla	Grassland	x	h
<b>TYPHACEAE</b>	<b>Cattail Family</b>			
Typha domingensis	Cattail	Marsh	x	

### Sensitive Species of the Lake Calavera (LC) and Calavera Heights (CH) Preserves

1B.1	<i>Brodiaea filifolia</i>	Thread-Leaved Brodiaea	LC
1B.1	<i>Quercus dumosa</i>	Nuttall's Scrub Oak	CH
1B.2	<i>Atriplex pacifica</i>	South Coast Saltscale	CH
1B.2	<i>Comarostaphylis diversifolia</i> ssp. <i>diversifolia</i>	Summer Holly	LC
1B.2	<i>Isocoma menziesii</i> var. <i>decumbens</i>	Decumbent Goldenbush	Both
2.1	<i>Adolphia californica</i>	Adolphia	Both
2.2	<i>Leptosyne maritima</i>	Sea Dahlia	CH
4.1	<i>Selaginella cinerascens</i>	Ashy Spike Moss	Both
4.2	<i>Convolvulus simulans</i>	Small-Flowered Morning-Glory	Both
4.2	<i>Dichondra occidentalis</i>	Western Dichondra	Both
4.2	<i>Harpagonella palmeri</i>	Palmer's Grappling Hook	Both
4.2	<i>Juncus acutus</i> ssp. <i>leopoldii</i>	Spiny Rush	Both
4.2	<i>Microseris douglasii</i> ssp. <i>platycarpha</i>	Small-Flowered Microseris	Both
4.2	<i>Ophioglossum californicum</i>	California Adder's Tongue	LC
4.2	<i>Pentachaeta aurea</i> ssp. <i>aurea</i>	Golden-Rayed Pentachaeta	Both

CNPS Lists <http://cnps.site.aplus.net/cgi-bin/inv/inventory.cgi>

List 1B Rare, threatened, or endangered in California and elsewhere.

List 2 Rare, threatened, or endangered in California, but more common elsewhere.

List 4 Limited distribution (Watch List).