

Plants of the UCI Ecological Preserve

Bowler and Bramlett 2010

* Indicates non-native species

Ferns:

Pteridaceae – Brake Family

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| California maidenhair fern | <i>Adiantum jordanii</i> |
| Goldback fern | <i>Pentagramma triangularis</i> |

Flowering plants:

Adoxaceae – Honeysuckle Family

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|-----------------|--------------------------|
| Blue elderberry | <i>Sambucus mexicana</i> |
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Amaranthaceae – Amaranth Family

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| Tumbling pigweed* | <i>Amaranthus albus</i> |
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Anacardiaceae – Sumac Family

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| Laurel sumac | <i>Malosma laurina</i> |
| Lemonade berry | <i>Rhus integrifolia</i> |
| Brazilian pepper* | <i>Schinus terebinthifolius</i> |

Apiaceae – Carrot Family

| | |
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| Mock parsley | <i>Apiastrum angustifolium</i> |
| American bowlesia | <i>Bowlesia incana</i> |
| Poison hemlock* | <i>Conium maculatum</i> |
| Rattlesnake weed | <i>Daucus pusillus</i> |
| Sweet fennel* | <i>Foeniculum vulgare</i> |
| Sharp-tooth sanicle | <i>Sanicula arguta</i> |
| Poison sanicle | <i>Sanicula bipinnata</i> |

California hedge-parsley *Yabea microcarpa*

Asclepiadaceae – Milkweed Family

Narrow-leaved milkweed *Asclepias fascicularis*

Asteraceae – Sunflower Family

Western ragweed *Ambrosia psilostachya*

California sagebrush *Artemisia californica*

Mugwort *Artemisia douglasiana*

San Diego sagewort *Artemisia palmeri*

Coyote brush *Baccharis pilularis*

Mulefat *Baccharis salicifolia*

Tocalote* *Centaurea melitensis*

Artemisia-leaved pincushion *Chaenactis artemisiifolia*

Cobweb Thistle *Cirsium occidentale* spp. *californica*

Flax-leaved horseweed* *Conyza bonariensis*

Common horseweed *Conyza canadensis*

Common sand aster *Corethrogyne filaginifolia*

Australia brass-buttons* *Cotula australis*

Artichoke thistle* *Cynara cardunculus*

Fascicled tarweed *Deinandra fasciculata*

California bush sunflower *Encelia californica*

Grassland goldenbrush *Ericameria palmeri* var. *pachylepsis*

California fluffweed *Filago californica*

Narrow-leaved filago* *Filago gallica*

Bicolored cudweed *Gnaphalium bicolor*

California everlasting *Pseudognaphalium californicum*

White everlasting *Gnaphalium canescens* spp. *microcephalum*

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| White-stem gumplant | <i>Grindelia camporum</i> var. <i>bracteosum</i> |
| Smooth cat's-ear* | <i>Hypochaeris glabra</i> |
| Coastal golden bush | <i>Isocoma menziesii</i> var. <i>vernonioides</i> |
| Prickly lettuce | <i>Lactuca serriola</i> |
| California goldfields | <i>Lasthenia gracilis</i> |
| Small-flowered microseris | <i>Microseris douglasii</i> |
| Bristly ox-tongue* | <i>Picris echioides</i> |
| Marsh flea-bane | <i>Pluchea odorata</i> |
| Woolly marbles | <i>Psilocarphus brevissimus</i> var. <i>brevissimus</i> |
| California groundsel | <i>Senecio aphanactis</i> |
| Common groundsel* | <i>Senecio vulgaris</i> |
| Milk thistle* | <i>Silybum marianum</i> |
| Prickly sow thistle* | <i>Sonchus asper</i> |
| Common sow thistle* | <i>Sonchus oleraceus</i> |
| Derived microseris | <i>Stebbinsoseris heterocarpa</i> |
| Virgate wreath plant | <i>Stephanomeria virgata</i> spp. <i>virgata</i> |
| Everlasting nest straw | <i>Stylocline gnaphaloides</i> |
| Silver puffs | <i>Uropappus lindleyi</i> |

Boraginaceae – Borage Family

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| Common fiddleneck | <i>Amsinckia menziesii</i> var. <i>intermedia</i> |
| Cleveland's cryptantha | <i>Cryptantha clevelandii</i> |
| Common cryptantha | <i>Cryptantha intermedia</i> |
| Tejon cryptantha | <i>Cryptantha microstachys</i> |
| Prickly cryptantha | <i>Cryptantha muricata</i> |
| Slender pectocarya | <i>Pectocarya linearis</i> spp. <i>ferocula</i> |
| Adobe popcorn flower | <i>Plagiobothrys acanthocarpus</i> |
| California popcorn flower | <i>Plagiobothrys collinus</i> var. <i>californicus</i> |

San Diego popcorn flower *Plagiobothrys collinus* var. *gracilis*
Rusty popcorn flower *Plagiobothrys nothofulvus*

Brassicaceae – Mustard Family

Black mustard* *Brassica nigra*
Field mustard* *Brassica rapa* spp. *sylvestris*
Shepard's purse* *Capsella bursa-pastoris*
Western tansy mustard *Descurainia pinnata* spp. *menziesii*
California mustard *Guillenia lasiophylla*
Summer mustard* *Hirschfeldia incana*
Sand peppergrass *Lepidium lasiocarpum*
Shining peppergrass *Lepidium nitidum*
Sweet-alyssum* *Lobularia maritima*
Wild radish* *Raphanus sativus*
Charlock* *Sinapis arvensis*
London rocket* *Sisymbrium irio*
Hare's-ear cabbage* *Sisymbrium orientale*

Cactaceae – Cactus Family

Coastal cholla *Cylindropuntia prolifera*
Coastal prickly pear *Opuntia littoralis*
Western prickly pear *Opuntia X occidentalis*
Oracle cactus *Opuntia oricola*

Caryophyllaceae – Pink Family

Sand mat *Cardionema ramosissimum*
Snapdragon catchfly *Silene antirrhina*
Windmill pink* *Silene gallica*

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|----------------------|---|
| Corn spurry* | <i>Spergula arvensis</i> spp. <i>arvensis</i> |
| Villous sand spurry* | <i>Spergularia villosa</i> |
| Common chickweed* | <i>Stellaria media</i> |
| Shiny chickweed | <i>Stellaria nitens</i> |

Chenopodiaceae – Goosefoot Family

| | |
|--------------------------|---------------------------------|
| Australian saltbush* | <i>Atriplex semibaccata</i> |
| Garden beet* | <i>Beta vulgaris</i> |
| Lamb's quarters* | <i>Chenopodium album</i> |
| California goosefoot | <i>Chenopodium californicum</i> |
| Nettle-leaved goosefoot* | <i>Chenopodium murale</i> |
| Russian thistle* | <i>Salsola tragus</i> |

Cleomaceae – Spiderflower Family

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| Bladderpod | <i>Peritoma arborea</i> var. <i>arborea</i> |
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Convolvulaceae – Morning-glory Family

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| Short-lobed morning glory | <i>Calystegia macrostegia</i> spp. <i>intermedia</i> |
| California witch's hair | <i>Cuscuta californica</i> |
| Field bindweed* | <i>Convolvulus arvensis</i> |

Crassulaceae – Stonecrop Family

| | |
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| Sand pigmy stonecrop | <i>Crassula connate</i> |
| Lance-leaf dudleya | <i>Dudleya lanceolata</i> |
| Many-stemmed dudleya | <i>Dudleya multicaulis</i> -Rare CNPS List 1B- |
| Chalky live-forever | <i>Dudleya pulverulenta</i> |

Cucurbitaceae – Gourd Family

| | |
|---------------|-------------------------------|
| Coyote melon | <i>Cucurbita foetidissima</i> |
| Wild cucumber | <i>Marah macrocarpus</i> |

Euphorbiaceae – Spurge Family

| | |
|-------------------|---------------------------------|
| Rattlesnake weed | <i>Chamaesyce albomarginata</i> |
| Golondrina | <i>Chamaesyce polycarpa</i> |
| Prostrate spurge* | <i>Chamaesyce prostrata</i> |
| Dove weed | <i>Croton setigerus</i> |

Fabaceae – Pea Family

| | |
|----------------------|--|
| Grab lotus | <i>Lotus hamatus</i> |
| Deer weed | <i>Lotus scoparius</i> |
| Strigose lotus | <i>Lotus strigosus</i> |
| California lotus | <i>Lotus wrangelianus</i> |
| Miniature lupine | <i>Lupinus bicolor</i> |
| Arroyo lupine | <i>Lupinus succulentus</i> |
| Collar lupine | <i>Lupinus truncatus</i> |
| Bur clover* | <i>Medicago polymorpha</i> |
| Yellow sweet-clover* | <i>Melilotus indica</i> |
| Pale sack clover | <i>Trifolium depauperatum</i> var. <i>amplectens</i> |
| Bristled clover* | <i>Trifolium hirtum</i> |
| Valley clover | <i>Trifolium willdenovii</i> |

Fagaceae – Oak Family

| | |
|---------------------------|-----------------------------|
| Coast live oak (planted) | <i>Quercus agrifolia</i> |
| Canyon live oak (planted) | <i>Quercus chrysolepsis</i> |

Geraniaceae – Geranium Family

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|------------------------|---------------------------|
| Alkali heath | <i>Frankenia salina</i> |
| Long-beaked filaree* | <i>Erodium botrys</i> |
| Red-stemmed filaree* | <i>Erodium cicutarium</i> |
| White-stemmed filaree* | <i>Erodium moschatum</i> |

Hydrophyllaceae – Waterleaf Family

| | |
|-----------------------|-----------------------------------|
| Common eucrypta | <i>Eucrypta chrysanthemifolia</i> |
| Caterpillar phacelia | <i>Phacelia cicutaria</i> |
| Parry's phacelia | <i>Phacelia parryi</i> |
| Great Valley phacelia | <i>Phacelia ciliata</i> |
| Blue fiesta flower | <i>Pholistoma auritum</i> |

Lamiaceae – Mint Family

| | |
|--------------------|---|
| Common horehound* | <i>Marrubium vulgare</i> |
| Black sage | <i>Salvia mellifera</i> |
| Danny's skullcap | <i>Scutellaria tuberosa</i> |
| Rigid hedge-nettle | <i>Stachys ajugoides</i> var. <i>rigida</i> |

Lythraceae – Loosestrife Family

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|-------------------------|------------------------------|
| Grass poly* | <i>Lythrum hyssopifolium</i> |
| Three-bract loosestrife | <i>Lythrum tribracteatum</i> |

Malvaceae – Mallow Family

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|--------------|-------------------------|
| Cheese weed* | <i>Malva parviflora</i> |
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Myrtaceae – Myrtle Family

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| Eucalyptus | <i>Eucalyptus</i> spp. |
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Nyctaginaceae – Four O’Clock Family

Wishbone bush *Mirabilis laevis* var. *crassifolius*

Onagraceae – Evening Primrose Family

California sun cup *Camissonia bistorta*

Small primrose *Camissonia micrantha*

Hoary California-fuchsia *Epilobium canum*

Oxalidaceae – Oxalis Family

Bermuda buttercup* *Oxalis pes-caprae*

Papaveraceae – Poppy Family

California poppy *Eschscholzia californica*

Phrymaceae – Monkey-Flower Family

Orange-bush monkeyflower *Mimulus aurantiacus*

Plantaginaceae – Plantain Family

California alkali plantain *Plantago elongata*

Dwarf plantain *Plantago erecta*

Woolly plantain* *Plantago ovate*

Platanaceae – Sycamore Family

Western Sycamore (planted) *Platanus racemosa*

Pittosporaceae – Pittosporum Family

Pittosporum* *Pittosporum* sp.

Plumbaginaceae – Leadwort Family

Perez's sea-lavender* *Limonium perezii*

Polemoniaceae – Phlox Family

Los Angeles gilia *Gilia angelensis*

Polygonaceae – Buckwheat Family

Turkish rugging *Chorizanthe staticoides*

California buckwheat *Eriogonum fasciculatum*

Granny's hairnet *Pterostegia drymarioides*

Whorled dock* *Rumex conglomeratus*

Curly dock* *Rumex crispus*

Portulacaceae – Purslane Family

Red maids *Calandrina ciliata*

Common miner's lettuce *Claytonia perfoliata ssp. perfoliata*

Common purslane* *Portulaca oleracea*

Primulaceae – Primrose Family

Scarlet pimpernel* *Anagallis arvensis*

Padre's shooting star *Dodecatheon clevelandii ssp. clevelandii*

Rosaceae – Rose Family

Toyon *Heteromeles arbutifolia*

California wild rose (planted) *Rosa californica*

Rubiaceae – Madder Family

Common bedstraw* *Galium aparine*

Salicaceae – Willow Family

Black willow (planted) *Salix gooddingii*

Arroyo willow (planted) *Salix lasiolepis*

Saururaceae – Lizard Tail Family

Yerba mansa (planted) *Anemopsis californica*

Scrophulariaceae – Figwort Family

Snapdragon *Antirrhinum sp.*

Nuttall's snapdragon *Antirrhinum nuttallianum*

Owl's-clover *Castilleja exserta*

Larger blue toad flax *Linaria canadensis var. texana*

Mexican speedwell *Veronica peregrina ssp. xalapensis*

Solanaceae – Nightshade Family

Jimson weed *Datura wrightii*

Wallace's tobacco *Nicotiana quadrivalvis*

Tree tobacco* *Nicotiana glauca*

Douglas' nightshade *Solanum douglasii*

Tamaricaceae – Tamarisk Family

Mediterranean tamarisk* *Tamarix ramosissima*

Urticaceae – Nettle Family

California pellitory *Parietaria hespera*

Dwarf nettle* *Urtica urens*

Monocots:

Areaceae – Palm Family

Mexican fan palm* *Washingtonia robusta*

Cyperaceae – Sedge Family

Pale spike rush *Eleocharis macrostachya*

California bulrush *Scirpus californicus*

Iridaceae – Iris Family

Blue-eyed-grass *Sisyrinchium bellum*

Junaceae – Rush Family

Toad rush *Juncus bufonius* var. *bufonius*

Clustered toad rush *Juncus bufonius* var. *congestus*

Liliaceae – Lily Family

Red-skinned onion *Allium haematochiton*

Early onion *Allium praecox*

Golden stars *Bloomeria crocea*

Mesa brodiaea *Brodiaea jolonensis*

Locally rare

Catalina mariposa lily *Calochortus catalinae* -Rare: CNPS List 4-

Splendid mariposa lily *Calochortus splendens*

Wavy-leaved soap plant *Chlorogalum pomeridianum*

Rough or common muilla *Muilla maritima*

Poaceae – Grass Family

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|--------------------------|---|
| Water bentgrass | <i>Agrostis viridis</i> |
| Slender wild oat* | <i>Avena barbata</i> |
| Wild oat* | <i>Avena fatua</i> |
| Cultivated oat* | <i>Avena sativa</i> |
| Purple false brome* | <i>Brachypodium distachyon</i> |
| Rescue grass* | <i>Bromus catharticus</i> |
| Ripgut brome* | <i>Bromus diandrus</i> |
| Soft chess* | <i>Bromus hordeaceus</i> ssp. <i>hordeaceus</i> |
| Red brome* | <i>Bromus madritensis</i> ssp. <i>rubens</i> |
| Bermuda grass* | <i>Cynodon dactylon</i> |
| Salt grass | <i>Distichlis spicata</i> |
| Low barley | <i>Hordeum depressum</i> |
| Vernal barley | <i>Hordeum intercedens</i> - Rare: CNPS List 3- |
| Mediterranean barley* | <i>Hordeum marinum</i> ssp. <i>gussoneanum</i> |
| Foxtail barley* | <i>Hordeum murinum</i> ssp. <i>leporinum</i> |
| Goldentop* | <i>Lamarckia aurea</i> |
| Giant wild rye | <i>Leymus condensatus</i> |
| Beardless wild-rye | <i>Leymus triticoides</i> |
| Italian ryegrass* | <i>Lolium multiflorum</i> |
| Small-flowered melic | <i>Melica imperfecta</i> |
| Littleseed muhly | <i>Muhlenbergia microsperma</i> |
| Foothill needle grass | <i>Nassella lepida</i> |
| Purple needle grass | <i>Nassella pulchra</i> |
| Littleseed canary grass* | <i>Phalaris minor</i> |
| Paradox canary grass* | <i>Phalaris paradoxa</i> |
| One-sided bluegrass | <i>Poa secunda</i> |
| Annual beard-grass* | <i>Polypogon monspeliensis</i> |
| Mediterranean schismus* | <i>Schismus barbatus</i> |

Johnson grass*

Sorghum halepense

Foxtail fescue*

Vulpia myuros

Themidaceae – Blue Dicks Family

Blue dicks

Dichelostemma capitatum

Typhaceae – Cattail Family

Slender cattail

Typha domingensis

Broad-leaved cattail

Typha latifolia