

# **Wild Plants of Vasco Caves Regional Preserve**

**Grouped by Growth Form  
Alphabetical by Scientific Name**

**September 5, 2003**



**East Bay Regional  
Park District**  
[www.ebparks.org](http://www.ebparks.org)

# Wild Plants of Vasco Caves Regional Preserve

## Grouped by Growth Form Alphabetical by Scientific Name

This document contains a comprehensive list of the wild plants reported to be found in Vasco Caves Regional Preserve.

The plants are grouped according to their growth form for easy accessibility. These four groups are: Ferns & Horsetails, Grasses & Grasslike, Herbaceous, and Woody.

The plants within each group are listed alphabetically by scientific name. Other information on each plant includes the common name, family, whether the plant is native or introduced, and its longevity.

For quick reference, the upper left corner of each page displays both the group name (based on growth form) and the genus of the first scientific name.

### The abbreviations used:

✓	Checklist column for marking off the plants you observe
<b>Scientific Name</b>	According to <i>The Jepson Manual: Higher Plants of California, 1993</i>
<b>Common Name</b>	According to <i>Jepson</i> and other references (highly variable)
<b>Family</b>	The scientific plant family name according to <i>Jepson</i>
<b>L</b>	Longevity: Annual ( <b>a</b> ), Biennial ( <b>b</b> ), Perennial ( <b>p</b> ), or a combination
<b>N/I</b>	Native ( <b>n</b> ) or Introduced ( <b>i</b> ) according to <i>Jepson</i>

The listing of plants included in this document is by no means complete. The intent is to maintain an ongoing inventory to which additional plants can be added over time. Readers are encouraged to report any corrections or additions to this list by emailing the District Botanist (Wilde Legard, [wlegard@ebparks.org](mailto:wlegard@ebparks.org)). This welcomed assistance will help facilitate improved management of the Park District's natural resources.

***Ferns & Horsetails***  
***Isoetes***

- √ **Scientific Name**
- Isoetes howellii
  - Pellaea mucronata var. mucronata
  - Pentagramma triangularis ssp. triangularis
  - Polypodium calirhiza

***Grouped by Growth Form***  
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<b>Common Name</b>	<b>Family</b>	<b>L</b>	<b>N/I</b>
Quillwort, Howell	Isoetaceae	p	n
Fern, Bird's-foot	Pteridaceae	p	n
Fern, Goldenback	Pteridaceae	p	n
Fern, Polypody	Polypodiaceae	p	n

**Grasses & Grasslike  
Agrostis**

**Grouped by Growth Form  
Alphabetical by Scientific Name**

√ Scientific Name	Common Name	Family	L	N/I
<input type="radio"/> Agrostis exarata	Bent Grass, Spike Redtop	Poaceae	p	n
<input type="radio"/> Avena barbata	Oat, Slender Wild	Poaceae	a	i
<input type="radio"/> Avena fatua	Oat, Wild	Poaceae	a	i
<input type="radio"/> Bromus diandrus	Brome, Ripgut	Poaceae	a	i
<input type="radio"/> Bromus hordeaceus	Brome, Soft	Poaceae	a	i
<input type="radio"/> Bromus madritensis ssp. madritensis	Brome, Spanish	Poaceae	a	i
<input type="radio"/> Bromus madritensis ssp. rubens	Brome, Red Foxtail	Poaceae	a	i
<input type="radio"/> Carex sp.	Sedge	Cyperaceae	p	
<input type="radio"/> Cyperus eragrostis	Nutsedge, Tall	Cyperaceae	p	n
<input type="radio"/> Hordeum marinum ssp. gussoneanum	Barley, Mediterranean	Poaceae	a	i
<input type="radio"/> Hordeum murinum ssp. leporinum	Barley, Hare	Poaceae	a	i
<input type="radio"/> Juncus bufonius var. bufonius	Rush, Toad	Juncaceae	a	n
<input type="radio"/> Juncus effusus var. pacificus	Rush, Pacific Bog	Juncaceae	p	n
<input type="radio"/> Juncus xiphioides	Rush, Iris-leaf	Juncaceae	p	n
<input type="radio"/> Leymus triticoides	Wild Rye, Wet-meadow	Poaceae	p	n
<input type="radio"/> Liliaea scilloides	Quillwort, Flowering	Juncaceae	a	n
<input type="radio"/> Lolium multiflorum	Rye Grass, Awned Italian	Poaceae	p	i
<input type="radio"/> Melica californica	Melic Grass, California	Poaceae	p	n
<input type="radio"/> Melica imperfecta	Melic Grass, Coast Range	Poaceae	p	n
<input type="radio"/> Melica torreyana	Melic Grass, Torrey	Poaceae	p	n
<input type="radio"/> Nassella pulchra	Needle Grass, Purple	Poaceae	p	n
<input type="radio"/> Pleuropogon californicus	Semaphore Grass, California	Poaceae	a	n
<input type="radio"/> Poa annua	Blue Grass, Annual	Poaceae	a	i
<input type="radio"/> Poa secunda ssp. secunda	Blue Grass, One-side	Poaceae	p	n
<input type="radio"/> Polypogon monspeliensis	Rabbitfoot Grass, Annual	Poaceae	a	i
<input type="radio"/> Scirpus acutus var. occidentalis	Bulrush, Hardstem	Cyperaceae	p	n
<input type="radio"/> Typha domingensis	Cattail, Southern	Typhaceae	p	n
<input type="radio"/> Vulpia bromoides	Fescue, Six-weeks	Poaceae	a	i
<input type="radio"/> Vulpia microstachys var. pauciflora	Fescue, Few-flower	Poaceae	a	n
<input type="radio"/> Vulpia myuros var. hirsuta	Fescue, Foxtail	Poaceae	a	n
<input type="radio"/> Vulpia sp.	Fescue, Annual	Poaceae	a	n

**Herbaceous  
Achillea**

**Grouped by Growth Form  
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√ Scientific Name	Common Name	Family	L	N/I
<input type="radio"/> Achillea millefolium	Yarrow	Asteraceae	p	n
<input type="radio"/> Achyrachaena mollis	Blow Wives	Asteraceae	a	n
<input type="radio"/> Allium serra	Onion, Pink / Serrated	Liliaceae	p	n
<input type="radio"/> Amsinckia menziesii var. intermedia	Fiddleneck, Common	Boraginaceae	a	n
<input type="radio"/> Amsinckia menziesii var. menziesii	Fireweed, Rancher's	Boraginaceae	a	n
<input type="radio"/> Anagallis arvensis	Pimpernel, Scarlet	Primulaceae	a	i
<input type="radio"/> Anthriscus caucalis	Bur-chervil	Apiaceae	a	i
<input type="radio"/> Aphanes occidentalis	Mantle, Lady's	Rosaceae	a	n
<input type="radio"/> Asclepias fascicularis	Milkweed, Whorled/Narrow-leaf	Asclepiadaceae	p	n
<input type="radio"/> Astragalus asymmetricus	Milkvetch, San Juaquin	Fabaceae	p	n
<input type="radio"/> Astragalus sp.	Milkvetch	Fabaceae	ap	n
<input type="radio"/> Athysanus pusillus	Sandweed, Dwarf	Brassicaceae	a	n
<input type="radio"/> Barbarea orthoceras	Winter Cress, Erect-pod	Brassicaceae	p	n
<input type="radio"/> Bellardia trixago	Bellardia	Scrophulariaceae	a	i
<input type="radio"/> Bowlesia incana	Bowlesia	Apiaceae	a	n
<input type="radio"/> Brassica nigra	Mustard, Black	Brassicaceae	a	i
<input type="radio"/> Calandrinia ciliata	Red Maids, Magenta	Portulacaceae	a	n
<input type="radio"/> Callitriche marginata	Water Starwort, California	Callitrichaceae	a?	n
<input type="radio"/> Calystegia sp.	Bindweed or Morning Glory	Convolvulaceae	p	n
<input type="radio"/> Capsella bursa-pastoris	Shepherd's Purse	Brassicaceae	a	i
<input type="radio"/> Carduus pycnocephalus	Thistle, Italian	Asteraceae	a	i
<input type="radio"/> Castilleja attenuata	Valley Tassels	Scrophulariaceae	a	n
<input type="radio"/> Castilleja densiflora ssp. densiflora	Owl's Clover, Common	Scrophulariaceae	a	n
<input type="radio"/> Castilleja exserta ssp. exserta	Owl's Clover, Purple	Scrophulariaceae	a	n
<input type="radio"/> Centaurea solstitialis	Thistle, Yellow Star	Asteraceae	a	i
<input type="radio"/> Cerastium glomeratum	Chickweed, Mouse-ear	Caryophyllaceae	a	i
<input type="radio"/> Chamomilla suaveolens	Pineapple Weed	Asteraceae	a	n
<input type="radio"/> Chenopodium album	Lamb's Quarters	Chenopodiaceae	a	i
<input type="radio"/> Chenopodium murale	Goosefoot, Wall	Chenopodiaceae	a	i
<input type="radio"/> Chlorogalum pomeridianum var. pomeridianum	Soap Plant, Common	Liliaceae	p	n
<input type="radio"/> Cirsium vulgare	Thistle, Bull	Asteraceae	b	i
<input type="radio"/> Clarkia purpurea ssp. quadrivulnera	Clarkia, Fourspot Winecup	Onagraceae	a	n
<input type="radio"/> Claytonia parviflora ssp. parviflora	Claytonia, Small-flower	Portulacaceae	a	n
<input type="radio"/> Claytonia perfoliata ssp. perfoliata	Miner's Lettuce, Common	Portulacaceae	a	n
<input type="radio"/> Collinsia sparsiflora var. ?	Collinsia, Few-flowered	Scrophulariaceae	a	n
<input type="radio"/> Crassula aquatica	Pygmy Weed, Water	Crassulaceae	a	n
<input type="radio"/> Crassula connata	Pygmy Weed, Sand	Crassulaceae	a	n
<input type="radio"/> Cynara cardunculus	Cardoon / Artichoke Thistle	Asteraceae	p	i
<input type="radio"/> Delphinium hesperium ssp. pallescens	Larkspur, Pale Western	Ranunculaceae	p	n
<input type="radio"/> Descurainia sophia	Tansy Mustard, Feather-leaf	Brassicaceae	a	i
<input type="radio"/> Dichelostemma capitatum ssp. capitatum	Blue Dicks	Liliaceae	p	n
<input type="radio"/> Dodecatheon clevelandii ssp. ?	Shooting Star	Primulaceae	p	n
<input type="radio"/> Epilobium brachycarpum	Willowherb, Panicked / Weedy	Onagraceae	a	n

**Herbaceous  
Epilobium**

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Alphabetical by Scientific Name**

√ Scientific Name	Common Name	Family	L	N/I
<input type="radio"/> Epilobium canum ssp. canum	Fuchsia, California	Onagraceae	p	n
<input type="radio"/> Epilobium ciliatum ssp. ciliatum	Willowherb, Common	Onagraceae	p	n
<input type="radio"/> Eremocarpus setigerus	Turkey Mullein	Euphorbiaceae	a	n
<input type="radio"/> Eriogonum sp.	Buckwheat	Polygonaceae	ap	n
<input type="radio"/> Erodium botrys	Filaree, Long-beaked	Geraniaceae	a	i
<input type="radio"/> Erodium cicutarium	Filaree, Red-stem	Geraniaceae	a	i
<input type="radio"/> Erodium moschatum	Filaree, White-stem	Geraniaceae	a	i
<input type="radio"/> Eschscholzia californica	Poppy, California	Papaveraceae	p	n
<input type="radio"/> Filago gallica	Fluffweed	Asteraceae	a	i
<input type="radio"/> Foeniculum vulgare	Fennel, Sweet	Apiaceae	p	i
<input type="radio"/> Galium aparine	Bedstraw, Goosegrass	Rubiaceae	a	i
<input type="radio"/> Geranium dissectum	Geranium, Purpletip Cut-leaf	Geraniaceae	a	i
<input type="radio"/> Geranium molle	Geranium, Hairy Dove's Foot	Geraniaceae	a	i
<input type="radio"/> Gilia capitata ssp. staminea	Gilia, Pale	Polemoniaceae	a	n
<input type="radio"/> Gnaphalium californicum	Everlasting, California	Asteraceae	b	n
<input type="radio"/> Gnaphalium canescens ssp. beneolens	Everlasting, Scented White	Asteraceae	b	n
<input type="radio"/> Grindelia camporum var. camporum	Gumplant, Great Valley	Asteraceae	p	n
<input type="radio"/> Heliotropium curassavicum	Heliotrope, Seaside	Boraginaceae	p	n
<input type="radio"/> Hesperexax sparsiflora var. sparsiflora	Hesperexax, Erect	Asteraceae	a	n
<input type="radio"/> Hesperocnide tenella	Nettle, Western Creeping	Urticaceae	a	n
<input type="radio"/> Heterotheca sessiliflora ssp. ?	Golden Aster, Sessile	Asteraceae	p	n
<input type="radio"/> Heterotheca sessiliflora ssp. bolanderi	Golden Aster, Hairy	Asteraceae	p	n
<input type="radio"/> Hirschfeldia incana	Mustard, Shortpod	Brassicaceae	bp	i
<input type="radio"/> Horkelia californica ssp. frondosa	Horkelia, Unlobed Calif.	Rosaceae	p	n
<input type="radio"/> Hypochaeris glabra	Cat's-ear, Smooth	Asteraceae	a	i
<input type="radio"/> Hypochaeris radicata	Cat's-ear, Rough	Asteraceae	p	i
<input type="radio"/> Lactuca serriola	Lettuce, Prickly	Asteraceae	a	i
<input type="radio"/> Lasthenia californica	Goldfields	Asteraceae	a	n
<input type="radio"/> Lepidium latipes var. latipes	Peppergrass, Dwarf	Brassicaceae	a	n
<input type="radio"/> Lepidium nitidum var. nitidum	Peppergrass, Threadleaf	Brassicaceae	a	n
<input type="radio"/> Linanthus bicolor	Linanthus, Bicolor	Polemoniaceae	a	n
<input type="radio"/> Lithophragma affine	Star, Woodland	Saxifragaceae	p	n
<input type="radio"/> Lotus purshianus var. purshianus	Clover, Spanish	Fabaceae	a	n
<input type="radio"/> Lotus scoparius var. scoparius	Deerweed	Fabaceae	p	n
<input type="radio"/> Lotus wrangelianus	Lotus, California	Fabaceae	a	n
<input type="radio"/> Lupinus bicolor	Lupine, Miniature Dove	Fabaceae	a	n
<input type="radio"/> Lupinus microcarpus var. microcarpus	Lupine, Chick	Fabaceae	a	n
<input type="radio"/> Lythrum hyssopifolium	Loosestrife, Grass Poly	Lythraceae	ap	i
<input type="radio"/> Malva nicaeensis	Mallow, Bull	Malvaceae	a	i
<input type="radio"/> Malva parviflora	Cheeseweed, Hidden-flower	Malvaceae	a	i
<input type="radio"/> Marah fabaceus	Manroot, Common / California	Cucurbitaceae	p	n
<input type="radio"/> Marrubium vulgare	Horehound, Common	Lamiaceae	p	i
<input type="radio"/> Medicago polymorpha	Bur Clover, California	Fabaceae	a	i

**Herbaceous  
Melilotus**

**Grouped by Growth Form  
Alphabetical by Scientific Name**

√ Scientific Name	Common Name	Family	L	N/I
<input type="radio"/> <i>Melilotus indica</i>	Clover, Sour	Fabaceae	ab	i
<input type="radio"/> <i>Micropus californicus</i> var. ?	Cottonweed, Slender	Asteraceae	a	n
<input type="radio"/> <i>Microseris</i> sp.	Silverpuffs	Asteraceae	a	n
<input type="radio"/> <i>Mimulus guttatus</i>	Monkey Flower, Golden	Scrophulariaceae	p	n
<input type="radio"/> <i>Montia fontana</i>	Montia, Water Chickweed	Portulacaceae	a	n
<input type="radio"/> <i>Orobanche uniflora</i>	Broom-rape, Naked	Orobanchaceae	p	n
<input type="radio"/> <i>Pholistoma membranaceum</i>	Fiesta Flower, White	Hydrophyllaceae	a	n
<input type="radio"/> <i>Picris echioides</i>	Ox-tongue, Bristly	Asteraceae	ab	i
<input type="radio"/> <i>Plagiobothrys acanthocarpus</i>	Popcorn Flower, Adobe	Boraginaceae	a	n
<input type="radio"/> <i>Plagiobothrys canescens</i>	Popcorn Flower, Valley	Boraginaceae	a	n
<input type="radio"/> <i>Plagiobothrys</i> sp.	Popcorn Flower	Boraginaceae	a	
<input type="radio"/> <i>Plantago erecta</i>	Plantain, California Dwarf	Plantaginaceae	a	n
<input type="radio"/> <i>Polygonum lapathifolium</i>	Willow Weed	Polygonaceae	a	n
<input type="radio"/> <i>Pterostegia drymarioides</i>	Creeper, Pink	Polygonaceae	a	n
<input type="radio"/> <i>Ranunculus canus</i>	Buttercup, Sacramento Valley	Ranunculaceae	p	n
<input type="radio"/> <i>Rorippa nasturtium-aquaticum</i>	Water Cress, White	Brassicaceae	p	n
<input type="radio"/> <i>Rumex conglomeratus</i>	Dock, Green	Polygonaceae	p	i
<input type="radio"/> <i>Rumex crispus</i>	Dock, Curly	Polygonaceae	p	i
<input type="radio"/> <i>Sagina apetala</i>	Pearlwort, Dwarf	Caryophyllaceae	a	n
<input type="radio"/> <i>Sagina decumbens</i> ssp. <i>occidentalis</i>	Pearlwort, Western	Caryophyllaceae	a	n
<input type="radio"/> <i>Salsola tragus</i>	Thistle, Russian	Chenopodiaceae	ap	i
<input type="radio"/> <i>Sanicula bipinnata</i>	Sanicle, Poison	Apiaceae	p	n
<input type="radio"/> <i>Sanicula bipinnatifida</i>	Sanicle, Purple	Apiaceae	p	n
<input type="radio"/> <i>Saxifraga californica</i>	Saxifrage, California	Saxifragaceae	p	n
<input type="radio"/> <i>Scrophularia californica</i> ssp. <i>floribunda</i>	Figwort, Cutleaf California	Scrophulariaceae	p	n
<input type="radio"/> <i>Senecio vulgaris</i>	Groundsel, Common	Asteraceae	a	i
<input type="radio"/> <i>Silene gallica</i>	Pink, Windmill	Caryophyllaceae	a	i
<input type="radio"/> <i>Silybum marianum</i>	Thistle, Milk	Asteraceae	ab	i
<input type="radio"/> <i>Sisymbrium officinale</i>	Mustard, Hedge	Brassicaceae	a	i
<input type="radio"/> <i>Solanum americanum</i>	Nightshade, Small-flower	Solanaceae	ap	n
<input type="radio"/> <i>Sonchus asper</i> ssp. <i>asper</i>	Sow Thistle, Prickly	Asteraceae	a	i
<input type="radio"/> <i>Stachys albens</i>	Hedge Nettle, White-stem	Lamiaceae	p	n
<input type="radio"/> <i>Stellaria media</i>	Chickweed, Common	Caryophyllaceae	a	i
<input type="radio"/> <i>Stellaria pallida</i>	Chickweed, Pallid	Caryophyllaceae	a	i
<input type="radio"/> <i>Torilis nodosa</i>	Hedge Parsley, Knotted	Apiaceae	a	i
<input type="radio"/> <i>Trifolium depauperatum</i> var. <i>amplectens</i>	Clover, Fused-bract Palesack	Fabaceae	a	n
<input type="radio"/> <i>Trifolium depauperatum</i> var. <i>truncatum</i>	Clover, Common Palesack	Fabaceae	a	n
<input type="radio"/> <i>Trifolium microcephalum</i>	Clover, Small-head	Fabaceae	a	n
<input type="radio"/> <i>Trifolium variegatum</i>	Clover, White-tip	Fabaceae	a	n
<input type="radio"/> <i>Trifolium willdenovii</i>	Clover, Tomcat	Fabaceae	a	n
<input type="radio"/> <i>Triphysaria eriantha</i> ssp. <i>eriantha</i>	Johnny-tuck, Yellow	Scrophulariaceae	a	n
<input type="radio"/> <i>Triphysaria pusilla</i>	Owl's Clover, Dwarf	Scrophulariaceae	a	n
<input type="radio"/> <i>Triteleia laxa</i>	Ithuriel's Spear	Liliaceae	p	n

**Herbaceous**  
**Urtica**

- √ **Scientific Name**
- Urtica dioica ssp. holosericea
  - Urtica urens
  - Verbena lasiostachys var. scabrida
  - Xanthium strumarium

**Grouped by Growth Form**  
**Alphabetical by Scientific Name**

<b>Common Name</b>	<b>Family</b>	<b>L</b>	<b>N/I</b>
Nettle, Creek Stinging	Urticaceae	p	n
Nettle, Dwarf Stinging	Urticaceae	a	i
Vervain, Robust	Verbenaceae	p	n
Cocklebur	Asteraceae	a	n



**Woody  
Aesculus**

- √ **Scientific Name**
- Aesculus californica
  - Artemisia californica
  - Baccharis pilularis
  - Berberis aquifolium var. dictyota
  - Gutierrezia californica
  - Lupinus albifrons var. albifrons
  - Mimulus aurantiacus
  - Oemleria cerasiformis
  - Populus fremontii ssp. fremontii
  - Ptelea crenulata
  - Quercus douglasii
  - Quercus lobata
  - Quercus palmeri
  - Salix lasiolepis
  - Salvia mellifera
  - Sambucus mexicana
  - Schinus molle
  - Solanum umbelliferum
  - Toxicodendron diversilobum

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<b>Common Name</b>	<b>Family</b>	<b>L</b>	<b>N/I</b>
Buckeye, California	Hippocastanaceae	p	n
Sagebrush, California	Asteraceae	p	n
Coyote Bush	Asteraceae	p	n
Oregon Grape, Hollyleaf	Berberidaceae	p	n
Matchstick / Matchweed, Calif.	Asteraceae	p	n
Lupine, Blue Bush / Silver	Fabaceae	p	n
Monkey Flower, Bush	Scrophulariaceae	p	n
Oso Berry	Rosaceae	p	n
Cottonwood, Fremont	Salicaceae	p	n
Hopbush / Hoptree, Western	Rutaceae	p	n
Oak, Blue	Fagaceae	p	n
Oak, Valley	Fagaceae	p	n
Oak, Palmer	Fagaceae	p	n
Willow, Arroyo	Salicaceae	p	n
Sage, Black	Lamiaceae	p	n
Elderberry, Blue	Caprifoliaceae	p	n
Peppertree, Peruvian	Anacardiaceae	p	i
Blue Witch	Solanaceae	p	n
Poison Oak	Anacardiaceae	p	n