

NATIVE PLANT LIST FOR CARMEL VALLEY

The following is a list of possible native plants that should grow well in Carmel Valley and vicinity. All the plants need full sun exposure and are perennial in growth habit unless otherwise stated in the Notes column. Several of the plants are horticultural cultivars of native plants and may be more readily available at local nurseries. Most of these plants will require summer irrigation during their establishment period (first 2-5 years after planting).

Native Plants Common to Wetland Areas and Springs

<u>Common name</u>	<u>Scientific name</u>	<u>Notes</u>
<i>Grasses, Sedges, Rushes</i>		
Tufted hairgrass	<i>Deschampsia caespitosa</i>	To 3' tall, 1' wide, cool season. Full sun/part shade.
Creeping wildrye	<i>Leymus triticoides</i>	2'-3' tall, cool season, spreads by rhizomes.
Santa Barbara sedge	<i>Carex barbarae</i>	1'-3' tall, full sun/part shade, clumping.
Clustered field sedge	<i>Carex praegracilis</i>	0.5'-2.5' tall, full sun to partial shade.
Spike rush	<i>Eleocharis macrostachya</i>	1'-3' tall, full sun to partial shade. Flowers May-Aug.
Blue rush	<i>Juncus patens</i>	1'-3' tall, full sun to partial shade. Flowers May-Aug.
Flat-bladed rush	<i>Juncus xiphioides</i>	1.5'-3' tall, full sun to partial shade. Flowers May-Oct. Spreads by rhizomes.
Tules	<i>Scirpus californicus</i>	3'-5' tall. Flowers May-Aug.
<i>Forbs & Shrubs</i>		
Goldenrod	<i>Solidago</i> spp.	2-4' tall/wide, part shade. Flowers July-Sept.
Mugwort	<i>Artemisia douglasiana</i>	3'-7' tall, full sun to partial shade. Flowers June-Oct.
Dogwood	<i>Cornus sericea, ssp. occidentalis</i>	4'-15' tall, partial shade. Flowers May-July, deciduous.
Currant and Gooseberries	<i>Ribes species</i>	3'-6' tall, varying growth habits, trailing or upright, shade to part sun. Flowers Jan-April. Currants have no spines, gooseberries have thorns.
California blackberry	<i>Rubus ursinus</i>	To 20' tall and wide, full sun to partial shade. Flowers Jan-May. Evergreen w/ spines.
Mulefat	<i>Baccharis salicifolia</i>	6'-10' tall, 4'-6' wide, full sun to partial shade, occasional summer water. Flowers Mar-May. Easily propagated from cuttings.

<u>Common name</u>	<u>Scientific name</u>	<u>Notes</u>
Trees		
Box elder	<i>Acer negundo</i> 'Californicum'	40'-60' tall and wide, full sun to partial shade. Flowers Mar-Apr. Deciduous. Propagation by seedling volunteers.
White alder	<i>Alnus rhombifolia</i>	60'-80' tall, 20" wide, deciduous. Flowers Mar-May. Propagation from seed.
California sycamore	<i>Platanus racemosa</i>	30'-80' tall, 20'-50' wide. Flowers Feb-Apr. Deciduous.
Black cottonwood	<i>Populus balsamifera</i>	80'-100' tall, 30' wide. Flowers Feb-Apr. Deciduous. Easy propagation from seed and cuttings.
Willow	<i>Salix spp. species</i>	20'-30' tall. Flowers Mar-Apr. Deciduous. Easy propagation from seeds and cuttings.

Native Plants Common to Upland Areas

Mountains and Valley: Plants in this list are suited for growth in the valley floor and both foothill and mountain environments.

<u>Common name</u>	<u>Scientific name</u>	<u>Notes</u>
Grasses		
California brome	<i>Bromus carinatus</i>	1.5'-3' tall, cool season bunchgrass, deep soils.
Blue wildrye	<i>Elymus glaucus</i>	2'-3' tall, cool season bunchgrass, deep, good soils. Establishes rapidly and re-seeds well.
Idaho fescue	<i>Festuca idahoensis</i>	1'-2' tall, cool season, tufted, drought tolerant. Tolerates partial shade.
Meadow barley	<i>Hordeum brachyantherum</i>	1' tall, cool season, tufted bunchgrass. Prefers wet conditions and tolerates flooding. Can take partial shade.
California barley	<i>Hordeum californicum</i>	2'-4' tall, cool season, tufted. Adapted to upland dry meadows and tolerates short duration floods. Tolerates partial shade.
Creeping wildrye	<i>Leymus triticoides</i>	2'-3' tall, cool season, spreads by rhizomes.
California oniongrass	<i>Melica californica</i>	1'-2' tall, cool season, tufted, well-drained soils. Tolerates partial shade.
Deergrass	<i>Muhlenbergia rigens</i>	1.5'-5' tall, warm season bunchgrass, tolerates extreme conditions.
Nodding needlegrass	<i>Stipa cernua</i>	1'-2' tall, cool season bunchgrass. Well-drained soils, drought tolerant.
Foothill needlegrass	<i>Stipa lepida</i>	1' to 3.5' tall, tufted, cool season bunchgrass. Dry and disturbed sites, full sun to partial shade.

<u>Common name</u>	<u>Scientific name</u>	<u>Notes</u>
Purple needlegrass	<i>Stipa pulchra</i>	1'-2' tall, cool season bunchgrass. Drought tolerant, widely adapted.
Pine bluegrass	<i>Poa secunda</i>	2.5' tall, cool season, tufted bunchgrass. Adapted to shallow soils. Full sun to partial shade.
<i>Forbs & Shrubs</i>		
Common yarrow	<i>Achillea millefolium</i>	1' tall and spreading, drought tolerant. Flowers Apr-Jul.
Chamise	<i>Adenostoma fasciculatum</i>	2'-8' tall and nearly as wide, drought tolerant. Flowers Feb-July. Evergreen.
Coyotebrush	<i>Baccharis pilularis</i>	4'-8' tall and wide, infrequent summer water. Males flowers Oct-Nov, female flowers Oct-Jan. Evergreen.
Buckbrush	<i>Ceanothus cuneatus</i>	8' tall and wide, very drought tolerant, flowers Feb-Apr. Evergreen.
Wild lilac	<i>Ceanothus</i> 'Concha'	6'-8' tall and wide, infrequent summer water. Flowers Mar-Apr. Evergreen.
Yankee Point Carmel creeper	<i>Ceanothus griseus horizontalis</i>	(var. 'Yankee Point') 3'-5' tall, 6'-8' wide, occasional summer water. Flowers Mar-May. Evergreen.
Blue blossom	<i>Ceanothus thyrsiflorus</i>	6'-20' tall and wide, infrequent summer water, flowers Mar-May. Evergreen.
Goldenbush	<i>Ericameria ericoides</i>	To 3' tall, dry, well-drained soils. Coastal. Flowers in spring.
California buckwheat	<i>Eriogonum fasciculatum</i>	1'-3' tall, 3' wide, drought tolerant. Flowers May-Dec.
California flannelbush	<i>Fremontodendron californicum</i>	6'-15' tall, dry, well-drained soils. Flowers May-Jun. Evergreen
Fremont silk tassel	<i>Garrya fremontii</i>	4'-10' tall, well-drained soils. Flowers Jan-Apr. Evergreen.
Deerweed	<i>Lotus scoparius</i>	1.5'-3' tall, full sun, drought tolerant. Flowers Feb-Oct. Deciduous.
Bush lupine	<i>Lupinus albifrons</i>	2'-6' tall, drought tolerant. Flowers Mar-July. Deciduous.
Sticky monkeyflower	<i>Mimulus aurantiacus</i>	To 4' tall and wide, full sun to partial shade. Occasional summer water, flowers Mar-Aug. Evergreen.
Coffeeberry	<i>Rhamnus californica</i>	4'-8' tall, 4'-6' wide, Sun to part shade, Flowers Apr-Jun. Evergreen
California wild rose	<i>Rosa californica</i>	To 6' tall and wide, full sun to shade, infrequent summer water. Flowers May-Nov. Deciduous.

<u>Common name</u>	<u>Scientific name</u>	<u>Notes</u>
California blackberry	<i>Rubus ursinus</i>	To 10' tall and wide, full sun to partial shade. Flowers Jan-May, evergreen.
Sage	<i>Salvia</i> spp.	Most spp. to 3' tall and wide, infrequent summer water. Flowers early summer.
Elderberry	<i>Sambucus mexicana</i>	15'-20' tall and wide, full sun to partial shade, tolerates some drought, flowers Apr-Nov. Deciduous.
Snowberry	<i>Symphoricarpos albus</i>	To 3' tall, partial to full shade. Flowers May-Jul. Deciduous. Toxic to humans.
Poison oak	<i>Toxicodendron diversilobum</i>	Shrub to 6.5', vines to 100', small tree to 15'. Full sun to partial shade, drought tolerant. Flowers Apr-May. Deciduous. Causes mild to severe rash on most humans.

Trees

Bigleaf maple	<i>Acer macrophyllum</i>	30'-75' tall, 30'-50' wide, full sun to partial shade. Prefers moist soils. Flowers Apr-May. Deciduous.
California buckeye	<i>Aesculus californica</i>	10'-20' tall, 30' wide, summer deciduous. Flowers May-Jul. Toxic to humans, wildlife and livestock.
Toyon	<i>Heteromeles arbutifolia</i>	15'-20' high and wide, occasional summer water, flowers May-Jun. Evergreen. Easy propagation from seed.
Black walnut	<i>Juglans californica</i> var. <i>hindsii</i>	45'-75' tall and wide, drought tolerant. Flowers Apr-May. Deciduous.
Hollyleaf cherry	<i>Prunus ilicifolia</i>	10'-25' tall and wide, infrequent summer water. Flowers Apr-May. Evergreen. Easy propagation from seed.
Coast live oak	<i>Quercus agrifolia</i>	30'-60' tall and wide, full sun to partial shade, infrequent summer water. Flowers Mar-Apr. Evergreen. Easy propagation from seed.
Blue oak	<i>Quercus douglasii</i>	30'-50' tall, 40'-70' wide, drought tolerant. Flowers Apr-May. Deciduous.
California black oak	<i>Quercus kelloggii</i>	30'-80' tall and wide, shade tolerant when young. Occasional summer water, flowers Apr-May. Deciduous.
Valley oak	<i>Quercus lobata</i>	60'-80' tall and wide, infrequent summer water. Flowers Mar-Apr. Deciduous. Can be propagated from seed.

References

- Hickman, James C.** 1993. *The Jepson Manual*. University of California Press.
- Matthews, Mary Ann.** 1997. *An Illustrated Field Guide to the Flowering Plants of Monterey County and Ferns, Fern Allies, and Conifers*. California Native Plant Society.