



# Wild Plants of Round Valley Regional Preserve

## Common Name Version

### A Photographic Guide

Sorted by Form, Color and Family  
with Habitat Descriptions and Identification Notes

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East Bay   
Regional Park District

New Revised and Expanded Edition - Includes the latest  
scientific names, habitat descriptions and identification notes



# A Photographic Guide to the Wild Plants of Round Valley Regional Preserve

More than 2,000 species of native and naturalized plants grow wild in the San Francisco Bay Area. Most are very difficult to identify without the help of good illustrations. This is designed to be a simple, color photo guide to help you identify some of these plants. This guide is published electronically in Adobe Acrobat® format so that it can easily be updated as additional photographs become available. You have permission to freely download, distribute and print this guide for individual use. Photographs are © 2014 Wilde Legard, all rights reserved.

In this guide, the included plants are sorted first by form (Ferns & Fern-like, Grasses & Grass-like, Herbaceous, Woody), then by most common flower color, and finally by similar looking flowers (grouped by genus within each family). Each photograph has the following information, separated by '-':

COMMON NAME	According to <i>The Jepson Manual: Vascular Plants of California, Second Edition (JM2)</i> and other references (not standardized).
(Scientific Name)	According to <i>JM2</i> and <i>eFlora</i> ( <a href="http://ucjeps.berkeley.edu/IJM.html">ucjeps.berkeley.edu/IJM.html</a> ).
Origin & Longevity	Native, Naturalized, or Waif (not reproducing without human care). Annual, Biennial, Perennial, or a combination.
Family Name	Common family name according to <i>JM2</i> ,
(Bloom date range)	Period during the year when the plant blooms, according to <i>JM2</i> and other sources. '-' if plant does not bloom (ie. Ferns).
Habitat	Habitat description according to <i>JM2</i> and other sources.
ID Characteristics	Plant description with identification characteristics and other notes, based on multiple sources including: <i>Annotated Checklist of the East Bay Flora, Second Edition (2013)</i> , <i>JM2</i> , <i>Plants of the San Francisco Bay Region (Revised Edition)</i> , and <i>Weeds of California and Other Western States</i> .
Additional notes	Occasionally, an additional note may appear (ie. NOXIOUS weed, INVASIVE weed, Fed & Calif. ENDANGERED, etc.).

Revision: 3/2/2014

**Fern-like - Green/Brown**

**Wild Plants of Round Valley Regional Preserve - Sorted by Form, Color and Family**

Page 1



CALIFORNIA MAIDENHAIR (*Adiantum jordanii*)  
Native Perennial - Brake Fern Family - - - Shaded hillsides, moist woodland - Leaves 8-28" long with many rounded symmetrical segments, each with < 4 irregular lobes. Cultivated. Sudden Oak Death carrier.



COFFEE FERN (*Pellaea andromedifolia*) Native Perennial - Brake Fern Family - - - Generally rocky or dry areas - Fronds 6-30" long, stem light brown. Leaf segments blunt, 0.24-0.6" long, 0.12-0.4" wide.



GOLDENBACK FERN (*Pentagramma triangularis* subsp. *triangularis*) Native Perennial - Brake Fern Family - - - Gen shaded, sometimes rocky or wooded areas - Leaves triangular, 1.2-4" long, undersides either granular green or powdery gold.



NARROW-LEAVED CATTAIL (*Typha angustifolia*) Native Perennial - Cattail Family - (May-Aug) - Nutrient-rich freshwater to brackish marshes, wet disturbed places - Plant 4.9-9.8' tall. Leaves gen < 0.4" wide. Flower cluster gap > 0.4".



SILVER HAIR GRASS (*Aira caryophyllea*) Naturalized Annual - Grass Family - (Apr-Jun) - Sandy soils, open or disturbed sites - Flower cluster > 0.6" wide, diffuse with long slender branches. Spikelets about 0.1" long with 2 extended awns.



SLENDER WILD OAT (*Avena barbata*) Naturalized Annual - Grass Family - (Mar-Jun) - Disturbed sites - Plants gen 24-32". Spikelets 0.8-1.2" long. Awns 0.8-1.8" long. Lemma tip bristles >= 0.1" long. Seeds EDIBLE whole or ground for flour. INVASIVE weed.



WILD OAT (*Avena fatua*) Naturalized Annual - Grass Family - (Apr-Jun) - Disturbed sites - Plants 1-5' tall. Spikelets 0.7-1.3" long. Low awn 1-1.6" long. Lemma tip bristles < 0.04" long. Seeds EDIBLE whole or ground for flour. INVASIVE weed.



LITTLE QUAKING GRASS (*Briza minor*) Naturalized Annual - Grass Family - (Apr-Jul) - Shaded or moist, open sites - Stem 3-20" tall. Spikelets 0.1-0.2" long, resemble tiny rattlesnake rattles.



RIPGUT GRASS (*Bromus diandrus*) Naturalized Annual - Grass Family - (Apr-Jul) - Open, gen disturbed areas - Plant 6-40" tall. Spikelet 1-2.8" long. Lemma body 0.8-1.2" long, awn > 1.2" long. Barbed seeds can stick in flesh of animals. INVASIVE weed.



SOFT CHESS (*Bromus hordeaceus*) Naturalized Annual - Grass Family - (Apr-Jul) - Fields, disturbed areas - Plant 4-26" tall. Leaf hairy. Flower cluster 1-5" long, dense, some stalks > spikelet. Spikelet 0.5-0.9". Lemma 0.26-0.4", awn 0.16-0.4". INVASIVE weed.



FOXTAIL CHESS (*Bromus madritensis* subsp. *madritensis*) Naturalized Annual - Grass Family - (Apr-Jan) - Disturbed areas, roadsides - Plants 4-20" tall. Stem and sheathes smooth. Flower cluster branches visible, lower spikelets erect, > stalk.



RED BROME (*Bromus madritensis* subsp. *rubens*) Naturalized Annual - Grass Family - (Mar-Jun) - Disturbed areas, roadsides - Plant 4-20". Flower cluster condensed, branches obscure, < spikelets. Stem & sheathes hairy. INVASIVE weed.



**SALT GRASS** (*Distichlis spicata*) Native Perennial - Grass Family - (Apr-Sep) - Salt marshes, coastal dunes, moist, alkaline areas - Stem 4-20" long. Leaves 0.8-4" long, flat, stiff. Flower cluster 0.8-3" long, narrow. Spikelets straw-colored to purple, 2-20/group, 0.24-0.8" long.



**MEDUSA HEAD** (*Elymus caput-medusae*) Naturalized Annual - Grass Family - (Apr-Jul) - Disturbed areas - Stem 8-28" long. Leaf blade 0.04-0.12" wide, inrolled. Flower cluster tight, dense. Glumes awn-like. Lower lemma's awn 1.2-4" long. NOXIOUS weed.



**WESTERN WILD-RYE** (*Elymus glaucus* subsp. *glaucus*) Native Perennial - Grass Family - (Jun-Aug) - Open areas, chaparral, woodland, forest - Tufted. Stem 12-55" tall. Leaf 0.2-0.5" wide, flat. Spikelets 0.3-0.6" long, 2-4 per node. Lemma awn 0.4-1.2" long.



**BROME FESCUE** (*Festuca bromoides*) Naturalized Annual - Grass Family - (May-Jun) - Uncommon. Dry, disturbed places, coastal-sage scrub, chaparral - Stem < 20". Inflorescence 0.6-6" tall, dense, lower branches erect. Spikelet 0.2-0.4" long, awn 0.1-0.3" long.



**HAIRY FESCUE** (*Festuca microstachys*) Native Annual - Grass Family - (Apr-Jun) - Disturbed, open, gen sandy soils - Stem 6-29". Spikelet 0.2-0.4" long, awn 0.1-0.5" long. Glumes & lemma smooth or hairy.



**RYE GRASS** (*Festuca perennis*) Naturalized Perennial - Grass Family - (May-Sep) - Dry to moist disturbed sites, abandoned fields - Stem 20-40" tall. Spikelet 0.2-0.9" long, > glume, awned or awnless. Sterile shoots at base. INVASIVE weed.



**MEDITERRANEAN BARLEY** (*Hordeum marinum* subsp. *gussoneanum*) Naturalized Annual - Grass Family - (Apr-Jun) - Dry to moist, disturbed sites - Stem 4-20". Leaf blades to 32" long, auricles < 0.08". Central lemma awn 0.25-0.7" long. INVASIVE weed.



**HARE BARLEY** (*Hordeum murinum* subsp. *leporinum*) Naturalized Annual - Grass Family - (Feb-May) - Moist, gen disturbed sites. Common - Stem 12-43" tall. Central spikelet stalk ~0.06" long. Central floret << lateral florets. INVASIVE weed.



CALIFORNIA MELIC (*Melica californica*) Native Perennial - Grass Family - (Apr-May) - Open or rocky hillsides, oak woodland, conifer forest - Stem 16-55". Leaf 0.06-0.2" wide. Spikelet 0.2-0.6" long, w/3-7 fertile florets; sterile tip widest above middle, tip squared.



TORREY'S MELIC (*Melica torreyana*) Native Perennial - Grass Family - (Mar-Jun) - Chaparral, conifer forest - Stem 12-40" tall. Leaf blade 0.04-0.1" wide. Spikelet 0.14-0.28" long w/1-2 florets; sterile tip widest above middle to 0.06", short-hairy lemmas.



ONE-SIDED BLUE GRASS (*Poa secunda* subsp. *secunda*) Native Perennial - Grass Family - (Mar-Aug) - Common. Dry slopes to saline/alkaline meadows to alpine - Plant 6-40" tall, densely tufted. Flower clusters congested. Spikelets gen 0.3-0.4" long. Lemmas 0.16-0.2" long, backs rounded.



RABBITFOOT GRASS (*Polypogon monspeliensis*) Naturalized Annual - Grass Family - (Apr-Aug) - Moist places, along streams - Stem 8-39". Leaf 0.4-8" long, 0.16-0.24" wide. Flower cluster 0.4-6.7" long, plume-like. Glume awn > 0.14". Lemma awn gen < 0.1". INVASIVE.



WATER BEARD GRASS (*Polypogon viridis*) Naturalized Perennial - Grass Family - (May-Jun) - Common. Disturbed areas, wet areas, ponds, streambanks - Stem 4-40" long, trails. Leaf blades flat, 0.08-0.4" wide. Spikelet ~ 0.1" long, no awn, whorled clusters.



PURPLE NEEDLE GRASS (*Stipa pulchra*) Native Perennial - Grass Family - (Mar-Jun) - Oak woodland, chaparral, grassland - Stem 14-39" long. Leaf blade 4-8" long. Glumes 0.5-0.8" long, ~equal. Awn 1.6-4" long, last segment straight.



BALTIC RUSH (*Juncus balticus* subsp. *ater*) Native Perennial - Rush Family - (Jul-Nov) - Moist to ± dry sites - Stem 14-43" tall, round, not twisted. No leaf blade. Flowers generally 0.1-0.2" long.



SPREADING RUSH (*Juncus patens*) Native Perennial - Rush Family - (Jun-Oct) - Marshy places, creeks, seeps - Plant 12-41" tall, densely tufted. Stems blue-gray-green & distinctly grooved when fresh. Stamens 6.



IRIS-LEAVED RUSH (*Juncus xiphioides*) Native Perennial - Rush Family - (Jul–Oct) - Wet places - Plant 16-32" tall. Leaf blades 0.2-0.5" wide, flat, iris-like. Heads many, few-flowered. Anthers 6, < filaments, flowers self-pollinating.



BLUE DICKS (*Dichelostemma capitatum* subsp. *capitatum*) Native Perennial - Brodiaea Family - (Mar–Jun) - Open woodland, scrub, desert, grassland - Plant 2-28" tall. Flowers blue-purple, not narrowed in the middle. Stamens 6. Early spring bloomer.



FORK-TOOTHED OOKOW (*Dichelostemma congestum*) Native Perennial - Brodiaea Family - (Apr–Jun) - Open woodland, grassland - Plant 12-35" tall. Flowers blue-purple, narrowed above ovary. Stamens 3. Late spring bloomer.



ITHURIEL'S SPEAR (*Triteleia laxa*) Native Perennial - Brodiaea Family - (Apr–Jun) - Common. Open forest, conifer or foothill woodland, grassland on clay soil - Flower stem 4-28". Leaves 8-16", 0.16-1" wide. Flowers blue, blue-purple or white, 0.7-1.9" long.



MEDITERRANEAN LINSEED (*Bellardia trixago*) Naturalized Annual - Broom-rape Family - (Apr–Jun) - Disturbed grassland. - Plant sticky-hairy. Stem 6-32" tall. Leaves lance-shaped, toothed. Flowers 0.8-1" long, 2-lipped; upper lip pink, lower lip white. INVASIVE.



COMMON OWL'S-CLOVER (*Castilleja densiflora* subsp. *densiflora*) Native Annual - Broom-rape Family - (Mar–May) - Grassland - Plant 4-16" tall. Leaves 0.8-3.1" long, narrow-lobed. Flower cluster gen rose-purple. Flower upper lip straight.



PURPLE OWL'S-CLOVER (*Castilleja exserta* subsp. *exserta*) Native Annual - Broom-rape Family - (Mar–May) - Open fields, grassland - Plant sticky, short-hairy. Flower cluster tipped white, pale yellow or rose. Flower upper lip hooked, fuzzy.



PARRY'S LARKSPUR (*Delphinium parryi* subsp. *parryi*) Native Perennial - Buttercup Family - (Apr–Jun) - Chaparral, oak woodland - Leaves w/finger-like divisions, hairless. Flowers 3-60, blue. Lower petals 2-lobed, both sides hairy.



SPREADING LARKSPUR (*Delphinium patens* subsp. *patens*) Native Perennial - Buttercup Family - (Mar-Jun) - Grassland, open woodland - Stem 4-35" long. Leaves glabrous, divided into few-toothed lobes. Flowers few, bright or dark blue-purple.



PURPLE SANICLE (*Sanicula bipinnatifida*) Native Perennial - Carrot Family - (Mar-May) - Open grassland, gen on serpentine, or pine/oak woodland - Plant 5-24" tall. Leaves 1.6-7.5" long, 1-2x divided on a winged central axis. Flowers dark purple. Fruits prickly.



NARROW-LEAF MILKWEED (*Asclepias fascicularis*) Native Perennial - Dogbane Family - (May-Oct) - Dry ground, valleys, foothills - Plant gen hairless. Stem leaves narrow, 3-5 in whorls. Flowers green-white to purple-tinged, ~0.25" long.



LONG-BEAKED FILAREE (*Erodium botrys*) Naturalized Annual - Geranium Family - (Mar-Jul) - Dry, open or disturbed sites - Stem 4-35" tall, coarse-hairy. Leaves lobed. Petals pink, 0.3-0.5" long. Sepals w/reddish tip. Fruit beak 2-4.7" long.



REDSTEM FILAREE (*Erodium cicutarium*) Naturalized Annual - Geranium Family - (Feb-Sep) - Open, disturbed sites, grassland, scrub - Stem 4-20". Leaves compound, leaflets dissected. Sepal tip bristly. Petal pink to purple. Fruit beak 0.8-2". INVASIVE.



CUT-LEAVED GERANIUM (*Geranium dissectum*) Naturalized Annual - Geranium Family - (Mar-Jul) - Open, disturbed sites - Stem 3-28" tall, rough-hairy. Leaf blades deeply divided. Petals violet-red, 0.1-0.25" long w/notched tips. Flower stalk sticky. INVASIVE.



HAIRY DOVE'S FOOT GERANIUM (*Geranium molle*) Naturalized Annual - Geranium Family - (Feb-Aug) - Open to shaded sites, disturbed ground - Stem 4-17" tall. Petals red-purple, 0.1-0.4" long, notched. Sepals awnless. Fruit smooth, wrinkled.



WESTERN BLUE-EYED-GRASS (*Sisyrinchium bellum*) Native Perennial - Iris Family - (Mar-May) - Common. Open, gen moist, grassy areas, woodland - Stem < 25" tall. Leaves iris-like. Petals 6, blue-purple with dark veins, 0.4-0.7" long.



FIELD MADDER (*Sherardia arvensis*) Naturalized Annual - Madder Family - (Mar-Jul) - Pastures, disturbed areas, grassland, dry meadows, oak woodland - Stem 2.8-6.3" long. Leaves in whorls of 5-6, 0.2-0.5" long. Flowers pink or lavender, the 4 lobes < tube.



COYOTE-MINT (*Monardella villosa* subsp. *villosa*) Native Perennial - Mint Family - (May-Aug) - Dry rocky slopes, oak woods, chaparral - Plant < 20" tall. Leaves ovate, 0.4-0.9" long. Flower head 0.4-1.2" wide. Flowers pink to purple.



JEWELLED ONION (*Allium serra*) Native Perennial - Onion or Garlic Family - (Apr-May) - Common. Grassy slopes - Flowers pink to rose, crowded, 10-40. "Petals" about 0.2" long, ± erect, ± lance-shaped, papery and folded over fruit when in fruit.



SPANISH CLOVER (*Acmispon americanus* var. *americanus*) Native Annual - Pea Family - (May-Oct) - Coast, chaparral, waterways, roadsides, disturbed areas - Plant 2-24", hairy. Flowers white to pink, solitary, bract lobes >> flower tube.



PACIFIC PEA (*Lathyrus vestitus* var. *vestitus*) Native Perennial - Pea Family - (Feb-Jul) - North: Conifer forest. South: chaparral & oak woodland - Stem wings to 0.02" wide. Leaves gen elliptic. Flowers 0.5-0.7" long, pale lavender to purple.



MINIATURE LUPINE (*Lupinus bicolor*) Native Annual - Pea Family - (Mar-Jun) - Abundant. Open or disturbed areas - Plant 4-16", hairy. Flower 0.16-0.4" long, banner longer than wide, upper keel ciliate near tip, pedicel < 0.12". Fruit 0.12-0.24" wide.



ROSE CLOVER (*Trifolium hirtum*) Naturalized Annual - Pea Family - (Apr-May) - Disturbed areas, roadsides - Head with 1-2 bract-like leaves imbed below. Flowers pink, 0.4-0.6" long, densely-bristly in fruit. INVASIVE weed.



TOMCAT CLOVER (*Trifolium willdenovii*) Native Annual - Pea Family - (Mar-Jun) - Abundant. Disturbed, gen spring-moist, heavy soils, occas serpentine - Head bract wheel-shaped, sharp-lobed. Leaf narrow. Flowers purple w/white tip, 0.3-0.6" long.



SPRING VETCH (*Vicia sativa* subsp. *sativa*) Naturalized Annual - Pea Family - (Mar-Jun) - Roadsides, disturbed areas, grassland, open areas in oak and riparian woodlands - Flowers 1-2 at leaf bases, pink-purple to white, 0.7-1.2" long. Leaflets 0.16-0.4" wide.



SPARSE HAIRY VETCH (*Vicia villosa* subsp. *varia*) Naturalized Annual-Biennial - Pea Family - (Mar-Jun) - Grassland, roadside, disturbed areas - Stems w/few hairs. Flowers 10-20, blue-purple to white, 0.4-0.55" long. Lower bract lobes 0.04-0.1" long.



PINKLOBE LEPTOSIPHON (*Leptosiphon androsaceus*) Native Annual - Phlox Family - (Apr-Jun) - Open or shaded areas in woodland, chaparral - Plant 2-18", hairy. Flowers pink, bracted group, tube 0.4-1.3" long, lobes gen > 0.3" long.



ITALIAN THISTLE (*Carduus pycnocephalus* subsp. *pycnocephalus*) Naturalized Annual - Sunflower Family - (Mar-Jul) - Roadsides, pastures, disturbed areas - Stems 8-79", narrow spiny-wings. Lower leaves 4-10 lobed, heads 2-5, flower bracts woolly. NOXIOUS.



PURPLE STAR-THISTLE (*Centaurea calcitrapa*) Naturalized Annual-Biennial - Sunflower Family - (Apr-Nov) - Pastures, disturbed places - Plant 8-40"+. Basal leaves 1-2x divided into narrow lobes. Flowers purple with spiny bracts. NOXIOUS weed.



BULL THISTLE (*Cirsium vulgare*) Naturalized Biennial - Sunflower Family - (May-Oct) - Common. Disturbed areas - Plant 12-79" tall. Top of leaves bristly; leaf base forming decurrent wings on stem. Flowers purple, gen 1-2" wide. NOXIOUS weed.



MILK THISTLE (*Silybum marianum*) Naturalized Annual-Biennial - Sunflower Family - (Feb-Jun) - Roadsides, pastures, disturbed areas - Stem 1-10', stout. Leaves spiny, shiny green w/white veins and spots. Flowers red-purple. INVASIVE weed.



CURLY DOCK (*Rumex crispus*) Naturalized Perennial - Buckwheat Family - (All year) - Abundant. Disturbed places - Stem 16-39" tall. Flower cluster dense, valves 0.2-0.24", winged around tubercles, smooth edged. 1 tubercle enlarged. INVASIVE.



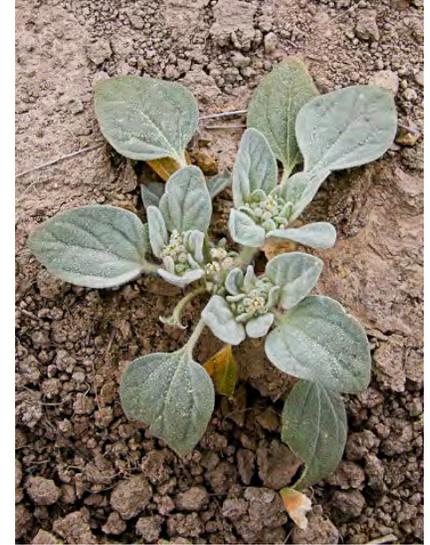
**FIDDLE DOCK** (*Rumex pulcher*) Naturalized  
Perennial - Buckwheat Family - (May-Sep) -  
Disturbed places, meadows, moist or dry habitats  
- Stem 8-24" long, branches widely spreading.  
Leaf blades 1.6-4" long, 1.2-2" wide. Valves  
w/2-5 teeth.



**RUSSIAN THISTLE** (*Salsola tragus*) Naturalized  
Annual-Perennial - Goosefoot Family - (Jul-Oct) -  
Common. Disturbed places - Plant < 5' tall. Stem  
gen red-stripped, widely branched. Leaves  
succulent, 0.3-2" long, upper spine-tipped.  
NOXIOUS.



**PHLOX-LEAF SERPENTINE BEDSTRAW**  
(*Galium andrewsii* subsp. *gatense*) Native  
Perennial - Madder Family - (Apr-Jun) - Dry,  
rocky places in serpentine soil, chaparral or open  
oak/pine woodland - Plant open. Stem 2-9". Leaf  
gen flat, > internode. Phlox-like.



**TURKEY-MULLEIN** (*Croton setigerus*) Native  
Annual - Spurge Family - (May-Oct) - Dry, open,  
often disturbed areas - Plant < 8" tall, moundlike,  
covered w/long stiff hairs. Leaf blade 0.4-2" long,  
oval. TOXIC to livestock.



**PETTY SPURGE** (*Euphorbia peplus*) Naturalized  
Annual - Spurge Family - (Feb-Aug) - Common.  
Disturbed areas - Stem 4-18" cm tall, smooth.  
Leaves 0.4-1.4" long, entire. Gland  
crescent-shaped. Seeds dotted. Fruit 2-keeled on  
angles.



**WART SPURGE** (*Euphorbia spathulata*) Native  
Annual - Spurge Family - (Mar-Jun) - Open, gen  
disturbed places - Stem 6-17" tall, smooth.  
Leaves spoon-shaped, 0.4-1.2" long, finely  
toothed. Gland oblong.



**MUGWORT** (*Artemisia douglasiana*) Native  
Perennial - Sunflower Family - (May-Nov) -  
Common. Open to shady areas, often in  
drainages - Plant 20-60" tall. Leaves gen 0.4-4"  
long, densely hairy below, some 3-5 lobed.  
Flower bracts hairy.



**COCKLEBUR** (*Xanthium strumarium*) Native  
Annual - Sunflower Family - (Jul-Oct) -  
Disturbed, seasonally wet, often alkaline sites, in  
grassland, marshes, watercourses - Plant 4-32"  
tall. Stem spineless. Bur 0.4-1.2"+ long.



COMMON FIDDLENECK (*Amsinckia intermedia*) Native Annual - Boraginaceae Family - (Mar-Jun) - Abundant. Open, generally disturbed places - Plant 0.5-3' tall. Flowers orange with 5 red spots, 0.3-0.4" long, 0.2-0.4" wide, tube straight.



WARRIOR'S PLUME (*Pedicularis densiflora*) Native Perennial - Broom-rape Family - (Mar-May) - Dry chaparral, oak/pine forest - Hairy. Stem 2.4-22". Basal leaves 5-28 cm long, 13-41 segments. Flowers deep-red to red-purple, 0.9-1.4" long, lower lip 1/8th upper.



CALIFORNIA FUCHSIA (*Epilobium canum* subsp. *canum*) Native Perennial - Evening Primrose Family - (Jun-Dec) - Dry slopes, ridges - Plant hairy, gen sticky with a woody base. Leaf 0.3-2.8" long, gray to green. Flowers red-orange, floral tube 0.8-1.2" long.



SCARLET PIMPERNEL (*Anagallis arvensis*) Naturalized Annual - Myrsinaceae Family - (Mar-May) - Common. Disturbed places, ocean beaches - Plants 2-16" tall. Flowers 0.2-0.3" long, salmon or occasionally blue. Leaves TOXIC, can cause dermatitis.



CALIFORNIA FIGWORT (*Scrophularia californica*) Native Perennial - Snapdragon Family - (Mar-Jul) - Common; damp places, chaparral, roadsides - Stem 2.6-4' tall, square x-section. Leaves opposite, to 7" long, triangular, toothed. Flowers 0.3-0.5" long, upper lips red to maroon, lower paler or yellowish.



COMMON STAR LILY (*Toxicoscordion fremontii*) Native Perennial - Bunchflower Family - (Feb-Jun) - Grassy or wooded slopes, outcrops - Stem 16-35" tall. Flower cluster branched or unbranched. Petals 6, white to yellowish, 0.2-0.6" long, > stamens.



PALE-FLOWERED WESTERN LARKSPUR (*Delphinium hesperium* subsp. *pallescens*) Native Perennial - Buttercup Family - (Mar-May) - Oak woodland, e slope coast ranges - Plant gen 16-32" w/short-hairy base. Flowers white, pinkish or lt blue.



BUR-CHEVIL (*Anthriscus caucalis*) Naturalized Annual - Carrot Family - (Apr-Jun) - Generally shady places - Plant 18-40" tall. Flowers white; flower stalk >= fruit length. Fruits 0.1-0.2" long with curved "velcro" bristles. Leaves fern-like, triangular outline.



**RATTLESNAKE WEED** (*Daucus pusillus*) Native Annual - Carrot Family - (Apr–Jun) - Rocky or sandy places - Plant 1-35" tall, usually < 20". Flower clusters with < 13 flowers, all white. Young roots edible. Sap TOXIC to some people, causing dermatitis.



**SWEET-CICELY** (*Osmorhiza berteroi*) Native Perennial - Carrot Family - (Apr–Jul) - Conifer forest, woodland, disturbed areas - Plant 12-47". Leaflets in 3s, serrate to irreg lobed. Flower white. Fruit 0.5-1", upward pointing barbs, splitting apart below.



**TALL SOCK-DESTROYER** (*Torilis arvensis*) Naturalized Annual - Carrot Family - (Apr–Jul) - Disturbed places - Plant erect, 12-40". Flower clusters open, > leaf. Fruits 0.1-0.2" long, covered with uncurved bristles. Flowers white or pinkish. **INVASIVE** weed.



**WAVYLEAF SOAP PLANT** (*Chlorogalum pomeridianum* var. *pomeridianum*) Native Perennial - Century Plant Family - (May–Aug) - Common. Open grassland, chaparral, woodland - Plant 1-8' tall, flowers at night. Bulb juices lather in water.



**CALIFORNIA MAN-ROOT** (*Marah fabacea*) Native Perennial - Gourd Family - (Feb–Apr) - Streamsides, washes, shrubby open areas - Vine 6-20' long. Leaves moderately lobed. Flowers cream or white, < 0.3" wide. Fruit spiny all over.



**WHITE GLOBE LILY** (*Calochortus albus*) Native Perennial - Lily Family - (Apr–Jun) - Common. Shady to open woodland, scrub - Stem 2-8 dm. Leaves grasslike. Flowers 2-many, hanging, closed at tip. Sepals 10-15 mm. Petals white to pink, 20-25 mm long.



**GOOSE GRASS** (*Galium aparine*) Native Annual - Madder Family - (Apr–Jun) - Grassy, ± shady places - Stem 12-35" long, weak, brittle. Leaves 0.5-1.6" long, in whorls of 6-8. Flowers white, 4-lobed. Fruits covered w/short, hooked hairs.



**ALKAL-MALLOW** (*Malvella leprosa*) Native Perennial - Mallow Family - (Apr–Nov) - Valleys, gen saline - Stem 4-16" long. Leaf blade 0.4-1.4" long, toothed, densely short-hairy. Petals cream-white to yellow, 0.4-0.6" long.



**COMMON HOREHOUND** (*Marrubium vulgare*)  
Naturalized Perennial - Mint Family - (Mar–Nov) - Disturbed sites, gen overgrazed pastures - Stem 4-24" long. Leaf blades 0.6-2.2" long. Flower bract w/10 hook-tipped teeth. Flowers white, ~0.2" long. **INVASIVE.**



**SHORTSTEM MORNING-GLORY** (*Calystegia subcaulis* subsp. *subcaulis*) Native Perennial - Morning-glory Family - (Apr–Jun) - Dry, open scrub or woodland - Stem gen ~0.8" long. Flowers 1.3-2.4" long, white or cream. Bractlets concealing flower bracts.



**BINDWEED** (*Convolvulus arvensis*) Naturalized Perennial - Morning-glory Family - (Mar–Oct) - Roadsides, open areas in many pl communities - Trailing. Leaf 0.8-1.2" long, w/round tip, pointed lobes. Flowers white to pink, 0.8-1" long. **NOXIOUS.**



**DWARF SANDWEED** (*Athysanus pusillus*) Native Annual - Mustard Family - (Feb–Jun) - Grassy, open slopes, rocky outcrops, chaparral, flats, floodplains, cliffs, ledges - Stem 2-12" long, spindly. Flower cluster 1-sided. Petals white, ~0.1" long. Fruits round, hairy.



**THREADLEAF PEPPERGRASS** (*Lepidium nitidum*) Native Annual - Mustard Family - (Feb–Mar) - Alkaline soils, pastures, dry vernal pools, fields, beaches - Fruit stalk flat. Fruit smooth, 0.14-0.24" long, cupped, winged.



**WATER CRESS** (*Nasturtium officinale*) Native Perennial - Mustard Family - (Mar–Nov) - Streams, springs, marshes, lake margins, swamps - Stem 4-43" long. Leaflets 3-9, 0.3-1" wide. Petals white, 0.12-0.18" long. **EDIBLE** leaves.



**HAIRY FRINGEPOD** (*Thysanocarpus curvipes*) Native Annual - Mustard Family - (Feb–Jun) - Common. Slopes, washes, moist meadows, woodland, streambanks - Stem 4-24". Leaf clasping w/'ears'. Fruit 0.12-0.24" wide, hanging, often hairy w/perforated edge.



**BICOLOR LEPTOSIPHON** (*Leptosiphon bicolor*) Native Annual - Phlox Family - (Mar–Jun) - Common. Open, grassy areas, chaparral, woodland - Plant 0.8-8.3" tall, hairy. Flower lobes ~0.1" long, pink or white; tube red; stigma <=0.02" long.



**STICKY MOUSE-EAR CHICKWEED** (*Cerastium glomeratum*) Naturalized Annual - Pink Family - (Spring) - Dry hillsides, grassland, chaparral, disturbed areas - Flowers 0.1-0.2" long, white, sticky-hairy. Flower bract hairs extend beyond tip; bracts herbaceous.



**SMALL-FLOWER CATCHFLY** (*Silene gallica*) Naturalized Annual - Pink Family - (Spring-early summer) - Fields, disturbed areas - Plant 4-16". Leaves < 1.4" long. Flower cluster short-hairy, bracts sticky-hairy, petal blade 0.2-0.5" long, smooth to notched, white to pink.



**COMMON CHICKWEED** (*Stellaria media*) Naturalized Annual - Pink Family - (Feb-Sep) - Oak woodland, meadows, disturbed areas - Plant 2.8-20" tall. Stem w/line of hairs on 1 side. Sepals 0.12-0.18" long. Petals white, 2-lobed, 0.7-0.9x sepals.



**CALIFORNIA DWARF PLANTAIN** (*Plantago erecta*) Native Annual - Plantain Family - (Mar-May) - Sandy, clay, serpentine soil; grassy slopes, flats, open woodland - Leaf 1.2-5" long, linear, hairy. Flowers + stem 1.2-12" tall, cluster 0.2-1.2" long.



**YARROW** (*Achillea millefolium*) Native Perennial - Sunflower Family - (Apr-Sep) - Many habitats - Plant 4"-7" tall. Stem white-hairy. Leaves finely dissected. Flower cluster flat-topped. Flowers white to pink. Widely used in folk medicine.



**MAYWEED** (*Anthemis cotula*) Naturalized Annual - Sunflower Family - (Apr-Aug) - Common. Disturbed areas, fields, coastal dunes, chaparral, oak woodland - Leaves finely divided into thread-like lobes. Flowers > 0.6" wide, many on top of a well-branched stem.



**COTTONWEED** (*Micropus californicus* var. *californicus*) Native Annual - Sunflower Family - (Mar-Jun) - Clearings, often disturbed, dry or seasonally moist soils - Plant 0.4-20" tall. Disk flowers < 5; top scale points up, largest gen 0.12-0.16" long.



**LONGHORN PLECTRITIS** (*Plectritis macrocera*) Native Annual - Valerian Family - (Mar-Jun) - Common. Open, partly shaded slopes - Plant 24-32" tall. Leaves to 1.8" long. Flowers 0.08-0.15" long w/tapering spur, white to pale pink. Fruit grooved.



**SMALL-FLOWERED FIDDLENECK** (*Amsinckia menziesii*) Native Annual - Boraginaceae Family - (May-Jul) - Shade-tolerant, open, disturbed areas at forest/woodland edges - Flowers yellow to orange-yellow, generally spotted, 0.2-0.3" long, 0.1" wide. Leaves coarse-hairy.



**YELLOW JOHNNY-TUCK** (*Triphysaria eriantha* subsp. *eriantha*) Native Annual - Broomrape Family - (Mar-May) - Grassland, foothills - Plant 4-14" tall, purple. Leaves 0.4-2" long, 3-7 lobed. Flowers yellow with dark purple beak, 0.4-1" long.



**CALIFORNIA BUTTERCUP** (*Ranunculus californicus* var. *californicus*) Native Perennial - Buttercup Family - (Mar-Aug) - Grassland, open woodland - Petals 9-17, 0.28-0.55" long, often > 2x width. Fruit body 0.07-0.13" long, 0.05-0.09" wide, smooth.



**POISON SANICLE** (*Sanicula bipinnata*) Native Perennial - Carrot Family - (Apr-May) - Open grassland or pine/oak woodland - Plants 5-24" tall. Leaves 2x pinnate. Flowers yellow, male flower stalk < fruit. Reported to be slightly TOXIC.



**GOLDEN MONKEYFLOWER** (*Mimulus guttatus*) Native Perennial - Loasaceae Family - (Mar-Aug) - Common. Wet places, gen terrestrial, occ emergent or floating in mats - Plant 0.8-60". Flower yellow, gen > 0.8" long; mature bracts flattened sideways, inflated in fruit.



**CLIMBING BEDSTRAW** (*Galium porrigens* var. *porrigens*) Native Perennial - Rubiaceae Family - (May-Aug) - Among shrubs in chaparral, forest - Stem 4-59" long. Leaves 0.1-0.7" long, oval to egg-shaped, in whorls of 4. Flowers yellow to red, 4-lobed.



**BLACK MUSTARD** (*Brassica nigra*) Naturalized Annual - Mustard Family - (Apr-Sep) - Common. Disturbed areas, fields - Plant 1-6' tall. Petals bright yellow, 0.3-0.4" long. Fruit upright, pressed against stem. **INVASIVE weed.**



**HEDGE MUSTARD** (*Sisymbrium officinale*) Naturalized Annual - Mustard Family - (Apr-Sep) - Disturbed areas, fields, pastures - Stem 10-22" tall, thin, wiry. Petals 0.1-0.16" long, pale yellow. Fruit 0.4-0.55" long, awl-shaped, appressed.



**CALIFORNIA BURCLOVER** (*Medicago polymorpha*) Naturalized Annual - Pea Family - (Mar-Jul) - Common. Chaparral, oak woodland, streambanks, roadsides, disturbed areas - Stem 4-20". Flower yellow, 0.14-0.24" long. Spiny spiral fruits. **INVASIVE.**



**COMMON / HOT ROCK DUDLEYA** (*Dudleya cymosa* subsp. *paniculata*) Native Perennial - Stonecrop Family - (May-Jun) - Uncommon. Rocky outcrops, canyons - Leaf rosettes 1-few, 1.6-4.3" wide. Petals <= 0.1" wide, pale yellow-white.



**BLOW WIVES** (*Achyraea mollis*) Native Annual - Sunflower Family - (Mar-Jun) - Common. Grassy sites, often clay soils - Plant 2-24" tall, soft-hairy. Flowers yellow turning red, 0.1-0.5" wide, extend < 0.1" beyond green bracts. Showy, flat scales attached to seeds.



**YELLOW STAR-THISTLE** (*Centaurea solstitialis*) Naturalized Annual - Sunflower Family - (May-Oct) - Invasive, roadsides, disturbed grassland or woodland - Plant 4-39" tall. Leaves woolly, extend down the stem. Flower bract spines 0.4-1" long. **NOXIOUS weed.**



**COMMON SPIKEWEED** (*Centromadia pungens* subsp. *pungens*) Native Annual - Sunflower Family - (Apr-Nov) - Grassland, saltbush scrub, disturbed sites - Spiny. Leaves smooth or rough to the touch.



**GREAT VALLEY GUMPLANT** (*Grindelia camporum*) Native Perennial - Sunflower Family - (May-Nov) - Sandy or saline bottomland, roadsides - Stem non-woody, 2-8' tall, whitish. Leaves gen resinous. Head to 1.2" wide, bracts bend downward.



**ROSILLA** (*Helenium puberulum*) Native Biennial - Sunflower Family - (Jun-Aug) - Streambanks, seepage areas, lake margins - Plant 20-63". Flower head spherical, disk flowers ~0.1" long, yellow on sides, brown-purple on top; rays 0.15-0.4" long, point down.



**DIABLO HELIANTHELLA** (*Helianthella castanea*) Native Perennial - Sunflower Family - (Apr-Jun) - Open, grassy sites - Stem 4-20" tall. Leaves w/ 1 pair of veins more distinct. Outer head bracts leaf-like, curl around head. CNPS: **FAIRLY ENDANGERED.**



**SAN JOAQUIN TARPLANT** (*Holocarpha obconica*) Native Annual - Sunflower Family - (Apr-Nov) - Grassland - Plant 4-32" tall, outer portion sticky. Flower heads in flat-topped or open clusters. Ray flowers 4-9; disk flowers 11-21, anthers yellow to brown.



**STICKY TARPLANT** (*Holocarpha virgata* subsp. *virgata*) Native Annual - Sunflower Family - (May-Nov) - Grassland - Plant 8-48" tall, glandular, not very-short-hairy. Heads small, at branch ends. Ray flowers 3-8; disk flowers 9-25, anthers black.



**SMOOTH CAT'S-EAR** (*Hypochaeris glabra*) Naturalized Annual - Sunflower Family - (Mar-Jun) - Common. Disturbed areas, grassland, open woodland - Plant 4-24" tall, smooth. Rays 0.2-0.3" long, barely > head bracts. Only inner fruit beaked. **INVASIVE.**



**ROUGH CAT'S-EAR** (*Hypochaeris radicata*) Naturalized Perennial - Sunflower Family - (Apr-Jul) - Disturbed areas, grassland, open woodland - Plant 4-32" tall, rough-hairy. Rays 0.4-0.6" long, well exceeding head bracts. Fruits all beaked. **INVASIVE weed.**



**PRICKLY LETTUCE** (*Lactuca serriola*) Naturalized Annual - Sunflower Family - (May-Oct) - Abundant. Disturbed places - Stem 1.6-10' tall, prickly-bristly. Leaves deeply-lobed, midvein and edges prickly-bristly. Flowers pale yellow, 0.16-0.2" wide.



**COMMON HARE-LEAF** (*Lagophylla ramosissima*) Native Annual - Sunflower Family - (Apr-Oct) - Grassland, openings in scrub, woodland, forest - Plant 4-40" tall. Leaves hairy, often sticky, to 4.7" long. Rays yellow, 0.12-0.24" long.



**TIDY-TIPS** (*Layia platyglossa*) Native Annual - Sunflower Family - (Feb-Jul) - Many habitats - Plant 1-28" tall, sticky. Leaves narrow. Ray flowers 0.1-0.8" long, yellow w/white tips. Disk anthers gen dark purple.



**COAST TARWEED** (*Madia sativa*) Native Annual - Sunflower Family - (May-Oct) - Grassy, open, or disturbed sites - Plant 3.5-10 dm, hairy, all glandular. Leaf 0.8-7.1" long, 0.1-0.7" wide. Rays green-yellow, 8-13, 0.06-0.16" long. Head bracts 0.24-0.6" tall.



**COMMON GROUNDSEL** (*Senecio vulgaris*) Naturalized Annual - Sunflower Family - (Feb-Jul) - Common. Disturbed areas - Plant 4-24" tall, not hairy, w/1-10+ stems. Flower head bracts with black-tips. Milky sap.



**BLACK SAGE** (*Salvia mellifera*) Native Perennial - Mint Family - (Mar-Jun) - Coastal-sage scrub, lower chaparral - Shrub 3.3-6' tall. Leaf 1-2.8" long, toothed, hairy underneath. Flowers blue, white or lavender, tube 0.2-0.4" long, in clusters 0.6-1.6" wide.



**CALIFORNIA ROSE** (*Rosa californica*) Native Perennial - Rose Family - (Feb-Nov) - Gen ± moist areas in sun, esp streambanks - Shrub 2.6-8.2' tall w/thick curved spines, forming thickets. Petals pink, 0.6-1" long; sepals unlobed.



**BLUE OAK** (*Quercus douglasii*) Native Perennial - Oak Family - (Apr-May) - Dry slopes, interior foothills, woodland - Tree 20-66', deciduous. Bark checkered into scales. Leaves 1.2-2.4" long, bluish green, unlobed to shallowly lobed, lacking bristles.



**VALLEY OAK** (*Quercus lobata*) Native Perennial - Oak Family - (Mar-Apr) - Slopes, valleys, savanna - Tree < 115' tall, deciduous. Leaves 2-5" long, not leathery, deeply lobed, lobes without bristles. Acorns 1.2-2" long, slender, cup 0.4-1.2" deep.



**INTERIOR LIVE OAK** (*Quercus wislizeni* var. *wislizeni*) Native Perennial - Oak Family - (Mar-May) - Interior canyons, slopes, pine/oak woodland - Tree < 75'. Leaf blades 0.8-2" long, hairless, flat. Acorns on 2nd year twigs, shell woolly inside.



**WESTERN POISON OAK** (*Toxicodendron diversilobum*) Native Perennial - Sumac Family - (Apr-Jun) - Canyons, slopes, chaparral, coastal scrub, oak woodland - Shrub or vine. Leaflets 3, red in fall, mid leaflet stalked. Flowers green. Fruits white. **TOXIC.**



**CALIFORNIA SAGEBRUSH** (*Artemisia californica*) Native Perennial - Sunflower Family - (Aug-Nov) - Coastal scrub, chaparral, open woodland - Shrub 2-8.5' tall, rounded. Leaves 0.4-4", hairy, thread-like. It green to gray. Flower heads < 5 mm wide. Sage-scented.



N. CALIFORNIA BLACK WALNUT (*Juglans hindsii*) Native Perennial - Walnut Family - (Apr-May) - Along streams, disturbed slopes - Tree 20-75'. Leaflets 13-21, 3-5". Fruit 1.4-2" wide. CNPS: SERIOUSLY ENDANGERED (unplanted).



FREMONT COTTONWOOD (*Populus fremontii* subsp. *fremontii*) Native Perennial - Willow Family - (Mar-Apr) - Scattered. Alluvial bottomland, streambanks - Tree < 66' tall. Leaves heart-shaped to triangular, coarsely scalloped, blade 1.2-2.8" long.



WESTERN SYCAMORE (*Platanus racemosa*) Native Perennial - Sycamore Family - (Feb-Apr) - Common. Streambanks, canyons, arroyos - Tree 33-115' tall. Bark peeling pale. Leaf blades 4-10" long, palmately lobed, smooth to hairy above, short-hairy under.



BIG-BERRY MANZANITA (*Arctostaphylos glauca*) Native Perennial - Heath Family - (Dec-Mar) - Rocky slopes, chaparral, woodland - Shrub-small tree, 3-26' tall. Twigs glabrous. Leaves smooth, waxy-white. Flower stalk 0.3-0.4" long, sticky-hairy.



COMMON / GIANT MANZANITA (*Arctostaphylos manzanita* subsp. *manzanita*) Native Perennial - Heath Family - (Feb-May) - Chaparral, conifer forest - Erect, 7-26' tall. Flower cluster w/2-7 branches, immature axis 0.6-1.8" long. Flower stalks smooth, hairless.



BLUE ELDERBERRY (*Sambucus nigra* subsp. *caerulea*) Native Perennial - Muskroot Family - (Mar-Sep) - Common. Streambanks, open places in forest - Shrub 7-26' tall. Flower cluster flat-topped, 1.6-13" diam, petals spreading. Fruits waxy blue-black.



CHAMISE (*Adenostoma fasciculatum* var. *fasciculatum*) Native Perennial - Rose Family - (May-Jun) - Dry slopes, ridges, chaparral - Shrub or small tree < 13' tall. Flowers cream to white. Leaves narrow, shiny with flammable oils in warm weather.



CHRISTMAS BERRY / TOYON (*Heteromeles arbutifolia*) Native Perennial - Rose Family - (May-Jun-Aug) - Chaparral, oak woodland, mixed-evergreen forest - Shrub-tree < 33' tall, evergreen. Leaf 2-4" long. Petals white, < 0.16" long. Fruit bright red.



CALIFORNIA BUCKEYE (*Aesculus californica*)  
Native Perennial - Soapberry Family - (May-Jun)  
- Dry slopes, canyons, borders of streams - Large  
shrub or tree 13-39' tall. 5-7 leaflets. Flowers  
white to pale rose. Large seeds toxic but edible  
after leaching out saponins.



MULE FAT (*Baccharis salicifolia* subsp.  
*salicifolia*) Native Perennial - Sunflower Family -  
(All year) - Riparian woodland, canyon bottoms,  
disturbed sites, often forming thickets - Shrub <  
13' tall, often sticky. Leaves to 6" long, with 1-3  
main veins.



HOLLYLEAF REDBERRY (*Rhamnus ilicifolia*)  
Native Perennial - Buckthorn Family - (Mar-Jun) -  
Chaparral, montane forest - Shrub < 13' tall,  
evergreen w/stiff branches. Leaf blades 0.8-1.6"  
long, toothed. Fruits 0.2-0.3" wide, red.



CALIFORNIA WILD GRAPE (*Vitis californica*)  
Native Perennial - Grape Family - (May-Jun) -  
Streamsides, springs, canyons - Woody vine to  
33'+long. Leaves deciduous, heart-shaped to  
kidney-shaped. Fruit purple when mature, gen >  
0.3" wide.



BUSH MONKEYFLOWER (*Mimulus aurantiacus*  
var. *aurantiacus*) Native Perennial - Lopseed  
Family - (Mar-Jun) - Disturbed areas, coastal  
cliffs, canyon sides - Shrub 4-60". Flowers yellow,  
orange or red; 1-2.3" long; bract tube glabrous.



TREE TOBACCO (*Nicotiana glauca*) Naturalized  
Perennial - Nightshade Family - (Apr-Aug) -  
Open, disturbed flats or slopes - Shrub or small  
tree, waxy-blue. Leaves 2-8" long. Flowers  
yellow, 1.2-1.4" long. INVASIVE. TOXIC to  
livestock.



INTERIOR GOLDENBUSH (*Ericameria*  
*linearifolia*) Native Perennial - Sunflower Family -  
(Mar-May) - Dry slopes, valleys, foothill and  
desert woodland, saltbush and creosote-bush  
scrub - Shrub/subshrub, 16-60". Heads large,  
yellow, solitary; rays 0.3-0.8" long.



RED WILLOW (*Salix laevigata*) Native Perennial  
- Willow Family - (Dec-Jun) - Common.  
Riverbanks, seepage areas, lakeshores, canyons  
- Tree bark fissured. Leaf lanceolate, glaucous  
below, gen w/stalk glands. Stamens 5. Fruit  
glabrous.

