Wild Plants of Leona Canyon Regional Open Space Preserve

Common Name Version

A Photographic Guide

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

New Revised and Expanded Edition - Includes the latest scientific names, habitat descriptions and identification notes
A Photographic Guide to the Wild Plants of
Leona Canyon Regional Open Space 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 ‘-’:

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<th>According to The Jepson Manual: Vascular Plants of California, Second Edition (JM2) and other references (not standardized).</th>
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<td>(Scientific Name)</td>
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<td>Additional notes</td>
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Revision: 3/2/2014

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<th>Wild Plants of Leona Canyon Regional Open Space Preserve - Sorted by Form, Color and Family</th>
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<td>BRACKEN FERN (Pteridium aquilinum var. pubescens) Native Perennial - Bracken Family -</td>
<td>- Pastures, woodland, meadows, hillsides, partial to full sun - Leaf blades widely-triangular, gen 0.5-5’ long, gen 3x divided, hairy underneath.</td>
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<td>GOLDENBACK FERN (Pentagramma triangularis subsp. triangularis) Native Perennial -</td>
<td>- Brake Fern Family - - Gen shaded, sometimes rocky or wooded areas - Leaves triangular, 1.2-4” long, undersides either granular green or powdery gold.</td>
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<td>SMOOTH SCOURING RUSH (Equisetum laevigatum) Native Perennial - Horsetail Family -</td>
<td>- Moist, sandy or gravelly areas - Stems 1 kind only, 12-71” tall, unbranched. Sheath w/dark band only at the top.</td>
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POLYPODY FERN (Polypodium calirhiza) Native Perennial - Polypody Family - - - On plants, rocky cliffs or outcrops, roadcuts, often granitic or volcanic, rarely dunes - Leaf blades 4-8" long, often widest above base, deeply lobed.

COASTAL WOOD FERN (Dryopteris arguta) Native Perennial - Wood Fern Family - - - Locally common. Open, wooded slopes, caves - Leaf 12-24" long, 5-12" wide, divided 1-2 times. Segments generally with spine-tipped teeth.

WESTERN SWORD FERN (Polystichum munitum) Native Perennial - Wood Fern Family - - - Common. Wooded hillsides, shaded slopes, rarely cliffs, outcrops - Fronds gen 20-48" long, divided once. Segments usually separate, teeth point to tips, scaly rachis.

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.

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.

CALIFORNIA BROME (Bromus carinatus var. carinatus) Native Perennial - Grass Family - (Apr–Aug) - Coastal prairies, openings in chaparral, plains, open oak and pine woodland - Plant 20-40" tall. Flower cluster 6-16" long. Spikelet 0.8-1.6" long. Lemma 0.5-0.8" long, hairy, awn 0.3-0.6" long.

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.

HAIRY PAMPAS GRASS (Cortaderia jubata) Naturalized Perennial - Grass Family - (Sep–Feb) - Disturbed sites, many habitats, esp coastal - Plant 6-23' tall. Leaf blades 0.1-0.5" wide, sheathes hairy. NOXIOUS weed.

ORCHARD GRASS (Dactylis glomerata) Naturalized Perennial - Grass Family - (May–Aug) - Disturbed, often moist sites - Stems 2-5, 12-79"+ tall. Leaf blade 0.12-0.24" wide. Flower cluster 1.6-8" long. Spikelets crowded on 1 side. Lemmas short-awned at tip. INVASIVE weed.

WESTERN WILD-RYE (Elymus glaucus subsp. glaucus) Native Perennial - Grass Family - (Jun–Aug) - Open areas, chaparral, woodland, forest - Tufted. Stem 12-25" 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". Inflor 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.
**Grass-like - Green/Brown**

**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.

**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 0.14-0.26” long w/1-2 florets; sterile tip widest above middle to 0.06”, short-hairy lemmas.

**Harding Grass (Phalaris aquatica)** Naturalized Perennial - Grass Family - (Apr–Aug) - Disturbed areas, roadsides - Plant 16-79” tall, tufted. Flower cluster 0.6-6” long, unbranched. Lower florets 1 or or unequal. Glume wing untoothed. INVASIVE weed.

**Annual Blue Grass (Poa annua)** Naturalized Annual - Grass Family - (Feb–Sep) - Abundant. Disturbed moist ground - Plant 1-8” tall. Leaf blade 0.04-0.12” wide, soft. Flower cluster 0.4-4” long, triangular. Lemmas 0.1-0.16” long.

**Rabbitfoot Grass (Polypogon monspeliensis)** Naturalized Annual - Grass Family - (Apr–Aug) - Moist places, along streams - Stem 8-36” tall. 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.

**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.

**TOAD RUSH** (Juncus bufonius var. bufonius) Native Annual - Rush Family - (May–Sep) - Damp sunny ground, gen disturbed - Stem gen 1-4" tall, gen brached from base, ~0.04" wide. Flower cluster open. Flowers 0.16-0.3" long.

**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.

**TALL NUTSEDGE** (Cyperus eragrostis) Native Perennial - Sedge Family - (May–Nov) - Vernal pools, streambanks - Leaves basal. Flower cluster bracts 4-8. Spikelets 0.2-0.8" long, oblong, in heads to 1.6" wide. Seeds short-stalked.

**BROADLEAVED FORGET-ME-NOT** (Myosotis latifolia) Naturalized Perennial - Borage Family - (Feb–Jul) - Moist, disturbed, shady places - Stem < 28" long, base woody. Leaves to 0.8" wide. Flowers light blue, 0.2-0.4" wide. INVASIVE weed.


**GIANT TRILLIUM** (Trillium chloropetalum) Native Perennial - Bunchflower Family - (Apr–May) - Edges of redwood forest, chaparral, gen moist slopes, canyon banks in alluvial soils - Flowers dark purple to white, sessile. Petals 2.6-4" long, odor rose-like or spicy.

**COAST LARKSPUR** (Delphinium decorum subsp. decorum) Native Perennial - Buttercup Family - (Mar–May) - Open coastal grassland, chaparral - Stems 3-14" tall. Leaves short-hairy under, with few-toothed lobes. Flowers few, dark blue-purple.
GREATER PERIWINKLE (Vinca major)
Naturalized Perennial - Dogbane Family - (Mar–Jun(Jan)) - Coastal bluffs, sheltered places, esp along stream beds - Plant sprawling. Leaf blade ~ 2.8" long, oval. Flower purple-blue, 1.2-2" wide at top. INVASIVE weed.

NARROW-LEAF FLAX (Linum bienne)
Naturalized Perennial - Flax Family - (Mar–Jun) - Garden escape; grassland, woodland, disturbed places, esp coastal - Plant 2.4-24" tall. Petals light blue, 0.24-0.4" long. Fruit 0.16-0.24" wide. Garden escape.

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.

GREENSTEM FILAREE (Erodium moschatum)
Naturalized Annual - Geranium Family - (Feb–Sep) - Open, disturbed sites - Stem 4-24", short-hairy. Leaves compound, leaflets toothed. Sepal tip glabrous. Petals 0.4-0.6" long, pink. Fruit beak 0.8-1.6" long.

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.

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.

BULL MALLOW (Malva nicaeensis)
Naturalized Annual - Mallow Family - (Mar–Jun) - Disturbed places - Stem 0.7-2'. Leaf blade 1.2-4.7" wide, 5-7 shallow lobes. Bractlets egg-shaped, 0.16-0.2" long. Petals pink to blue-violet, 0.2-0.5" long.
**RADISH (Raphanus sativus)** Naturalized Annual - Mustard Family - (May–Jul) - Disturbed areas, fields - Stem 16-51" long. Petals 0.6-1" long, white to purple. Fruit a fat cylinder w/constrictions between seeds. INVASIVE weed.

**SMALL-FLOWER LOTUS (Acmispon parviflorus)** Native Annual - Pea Family - (Mar–May) - Abundant. Coastal cliffs to oakpine or fir woodland, open or disturbed areas. Flowers pinkish, solitary, 0.2" long, on stalk with bracts. Not hairy.

**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.

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

**NARROW-LEAVED VETCH (Vicia sativa subsp. nigra)** 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, 0.4-0.7" long. Leaflets 0.2-0.3" wide.

**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.

**SPARSELY 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.

**RED SAND-SPURRY (Spergularia rubra)** Naturalized Annual-Perennial - Pink Family - (Spring-fall) - Forest, meadows, mud flats, disturbed - Plant 1.6-10". Leaf non-fleshy, whorls w/large white bracts. Petals pink. Stamens 6-10. Sepals < 0.16".
ITALIAN THISTLE (Carduus pycnocephalus subsp. pycnocephalus) Naturalized Annual - Sunflower Family - (Mar–Jul) - Roadside, pastures, disturbed areas - Stems 8-79", narrow spiny-wings. Lower leaves 4-10 lobed, heads 2-5, flower bracts woolly. NOXIOUS.


WEEDY CUDWEED (Pseudognaphalium luteoalbum) Naturalized Annual - Sunflower Family - (Apr–Aug) - Disturbed sites, fields, streambeds - Heads 0.12-0.16" long, yellowish, female flowers < 0.08" long, pappus bristles connected.

MILK THISTLE (Silybum marianum) Naturalized Annual-Biennial - Sunflower Family - (Feb–Jun) - Roadsides, pastures, disturbed areas - Stem 1-10', stout. Leaves 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 6-24" long, branches widely spreading. Leaf blades 1.6-4" long, 1.2-2" wide. Valves w/2-5 teeth.

CHECKER LILY (Fritillaria affinis) Native Perennial - Lily Family - (Mar–Jun) - Common. Oak or pine scrub, grassland - Stem 4-47" tall. Leaves 1.8-6.3" long, whorled below. Petals mottled brown-purple and yellow-green, 0.4-1.6" long.

HOARY NETTLE (Urtica dioica subsp. holosericea) Native Perennial - Nettle Family - (Jun–Sep) - Meadows, seeps, springs, margins of marshes, streams, lakes, moist areas in chaparral, coastal scrub - Plant 3.3-9.8" tall, grayish, covered with stinging hairs.
COMMON PLANTAIN (Plantago major) Naturalized Annual-Perennial - Plantain Family - (Apr–Sep) - Disturbed areas - Leaves basal, blades 5-18 cm long, broadly oval, not hairy. Flowers + stem 2-24” tall, flower cluster gen 1.2-8” long.

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.

DAGGERLEAF COTTONROSE (Logfia gallica) Naturalized Annual - Sunflower Family - (Mar–Jul) - Bare or grassy openings, burns - Plant 1-20” tall, gen cobwebby. Leaves awl-shaped, stiff, > flower heads. Flowers brown to yellow.

SHEEP SORREL (Rumex acetosella) Naturalized Perennial - Buckwheat Family - (Apr–Jul) - ± Disturbed, often acidic places - Stem < 16”. Leaf gen basal, blade 0.8-2.4” long, lower arrowhead-shaped w/2 lobes. Flowers yellowish, turn reddish. INVASIVE.

SCARLET PIMPERNEL (Anagallis arvensis) Naturalized Annual - Myrsine 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.

CRIMSON CLOVER (Trifolium incarnatum) Naturalized Annual - Pea Family - (May–Aug) - Uncommon. Disturbed areas - Hairy. Leaflets 0.6-0.8” long, wedge-shaped. Flower cluster 0.8-2.4” long, cylindrical. Flowers crimson or white, 0.4-0.6” long.

COMMON FIDDLENECK (Amsinckia intermedia) Native Annual - Borage 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.

CALIFORNIA POPPY (Eschscholzia californica) Native Perennial - Poppy Family - (Feb–Sep) - Grassy, open areas - Plant 2-24” tall. Flower w/spreading rim <= 0.2”. Petals 0.5-2.4” long, early spring = large and orange, fall = smaller and yellow.
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.

KNOTWEED (Polygonum aviculare subsp. depressum) Naturalized Annual - Buckwheat Family - (May–Nov) - Disturbed places - Stem 4-20", mat-forming. Flowers 2-8/leaf axil, ~0.1" long, fused 1/2 length, w/white or pink margins.

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.

STARRY FALSE SOLOMON'S SEAL (Maianthemum stellatum) Native Perennial - Butcher's Broom Family - (Apr–Jun) - Moist woodland, streambanks, open slopes - Stem 12-28" long. Leaf 2-7" long. Flowers 5-15/cluster. Petals white, 0.16-0.28" long.

BANEBERRY (Actaea rubra) Native Perennial - Buttercup Family - (May–Sep) - Deep soils, moist, open to shaded sites, mixed-evergreen or conifer forests - Plant 8-40" tall. Flowers white. Fruits shiny red or white, 0.2-0.4" long. All plant parts TOXIC to humans.

BUR-CHERVIL (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.

WESTERN WATER-HEMLOCK (Cicuta douglasii) Native Perennial - Carrot Family - (Jun–Sep) - Wet places, gen aquatic - Plants 5-10' tall. Leaves 1-3x divided, leaflets 1-10, serrate edges. Flowers white. Fruits round. The most lethally TOXIC native plant.

**COW PARSNIP (Heracleum maximum)** Native Perennial - Carrot Family - (Apr–Jul) - Moist places, wooded or open - Plants 1-3 m tall, woolly-hairy. Leaflets 3, maple-lobed, 4-16" wide. Petals white, outermost longest. Juice causes 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.

**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.

**DENSE-FLOWER WILLOWHERB (Epilobium densiflorum)** Native Annual - Evening Primrose Family - (May–Oct) - Streambanks, outwashes, seasonal moist flats - Plant 2-60” tall, soft-hairy. Petals 0.1-0.4", rose-purple to white. Fruit not tapered.

**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.

**OAKLAND STAR-TULIP (Calochortus umbellatus)** Native Perennial - Lily Family - (Mar–May) - Open chaparral or woodland, geri on serpentine - Stem 3-10”, Petals white or pink, 0.5-0.7” long, square tip, purple-spotted base. CNPS: FAIRLY ENDANGERED.

**HOOKER FAIRY BELLS (Prosartes hookeri)** Native Perennial - Lily Family - (Mar–Jun) - Montane conifer, mixed-evergreen forest, exposed roadside - Stem 12-32” tall. Leaf 1.2-6” long. Flower 0.3-0.6” long, white, hanging below the leaves, stamens > petals.

**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.
COMMON MINER'S LETTUCE (Claytonia perfoliata subsp. perfoliata) Native Annual - Miner's Lettuce Family - (Jan–May) - Vernally moist, often shady or disturbed sites - Basal leaf length <3x width. Stem leaf gen not angled. Seeds shiny w/large appendage.

SHORT-SPIKED HEDGE-NETTLE (Stachys pycnantha) Native Perennial - Mint Family - (Jun–Oct) - Streambanks, springs, pine/oak forest - Plant 12-39", densely glandular, aromatic. Flower cluster < 2", no spaces. Petals white to pink, ~0.3" long.

HEDGE BINDWEED (Calystegia sepium subsp. limnophila) Native Perennial - Morning-glory Family - (May–Jul) - Marshes, riverbanks - Stem climbing, < 13', smooth (hairy). Flower 1.2-2.4" long, white to pink-tinged. Bractlets concealing flower bracts.

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.

SMALL-FLOWERED NIGHTSHADE (Solanum americanum) Native Annual-Perennial - Nightshade Family - (Apr–Nov) - Open, often disturbed places - Flower 0.12-0.24" wide w/3mm lobes, white, anthers ~0.07". Seeds ~0.05". Bracts 0.04-0.08", curled back in fruit.

THREE CORNERED LEEK (Allium triquetrum) Naturalized Perennial - Onion or Garlic Family - (Mar–Apr) - Locally common. Shady ± disturbed places - Stem 4-16", sharply 3-angled. Flowers white, 3-15, 0.4-0.7" long, nodding. Escaped ornamentals.

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.
Herbaceous - White

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.

ENGLISH PLANTAIN (Plantago lanceolata)
Naturalized Annual - Plantain Family - (Apr–Aug) - Common. Disturbed areas - Leaves basal, hairy, 2-10” long, <= 1” wide. Flowers + stem 8-31” tall, flower cluster 0.8-3” long. INVASIVE, lawn weed.

STICKY CINQUEFOIL (Drymocallis glandulosa var. wrangelliana)
Native Perennial - Rose Family - (May–Jul) - Gen ± shady or moist areas - Stem 8-28”. Flower 0.2-0.25” long, pale yellow to cream. Terminal leaflet distinct, unlobed.

WOOD STRAWBERRY (Fragaria vesca)
Native Perennial - Rose Family - (Jan–Jul) - Gen partial shade in forest - Stem gen 1.2-6” long. Leaflets 3, thin. Central leaflet gen w/12-21 teeth. Flower white, gen 0.6” wide, often above leaves. Fruit a strawberry.

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.

COMMON CALIFORNIA-ASTER (Corethrogyne filaginifolia)
Native Perennial - Sunflower Family - (Jul–Nov) - Coastal scrub, chaparral, grassland, foothill woodland, forest - Heads 3-20+, calyx length 2x width. Rays white to pink-purple.

FOOTHILL MEADOW-RUE (Thalictrum fendleri var. polycarpum)
Native Perennial - Buttercup Family - (Mar–Jun) - Moist, open to shaded places, woodland, forest - Plant 2-6’ tall, male or female. Leaf 1-4x divided, 3-18” long, segments 0.3-0.8” long. No petals.
**Herbaceous - Yellow**

**PACIFIC WOODLAND SANICLE (Sanicula crassicaulis)** Native Perennial - Carrot Family - (Mar–May) - Open slopes, ravines, woodland - Plants stout, 9-47”. Leaves 1-5” across with 3-5 deep, palmate lobes and serrate edges. Flowers yellow.

**GOLDEN EGGS SUNCUP (Taraxia ovata)** Native Perennial - Evening Primrose Family - (Mar–Jun) - Grassy fields, gen clay soil - Stemless. Leaf blade oval, 1.2-6” long w/long stalks. Flower stalks leafless. Petals yellow, 0.3-0.9” long. Ovary hidden.

**GOLDEN MONKEYFLOWER (Mimulus guttatus)** Native Perennial - Lopseed 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.

**ERECT-POD WINTER CRESS (Barbarea orthoceras)** Native Perennial - Mustard Family - (Mar–Jul) - Meadows, streambanks, moist woodland, grassland - Stem 8-24”. Lower leaves w/large terminal lobe, upper clasping stem. Petals bright yellow, 0.2-0.3” long.

**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 0.1-0.15” 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.

**SOURCLOVER (Melilotus indicus)** Naturalized Annual-Biennial - Pea Family - (Apr–Oct) - Open, disturbed areas - Stem 4-24” long. Leaflets 3, 0.4-1” long. Flowers yellow, ~0.1” long.
LITTLE HOP CLOVER (Trifolium dubium) 
Naturalized Annual - Pea Family - (Spring) - Agricultural, disturbed areas, lawns - Heads 0.16-0.3" wide. Flowers bright yellow, age brown, quickly reflex, smooth.

BLOW WIVES (Achyrachaena 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.

BRISTLY OX-TONGUE (Helminthotheca echioides) Naturalized Annual-Biennial - Sunflower Family - (All year) - Common. Disturbed areas - Stem 1-6.5' tall, bristly. Leaf 2-8" long, covered with prickly bumps. Flower heads 0.8-1.6" wide. INVASIVE weed.

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.

PINEAPPLE WEED (Matricaria discoidea) 
Naturalized Annual - Sunflower Family - (Feb–Aug) - Abundant. Disturbed sites, riverbanks - Plant 4-12" tall, sweet-scented. Heads pineapple-shaped, ~ 0.4" wide; head stalk to 0.6" long.

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.

PRICKLY SOW THISTLE (Sonchus asper subsp. asper) Naturalized Annual - Sunflower Family - (All year) - Common. Slightly moist disturbed sites, along streams - Plant 4-68". Leaf teeth prickly. Basal lobes of upper leaves rounded, curving downward.

JIM BRUSH (Ceanothus oliganthus var. sorediatus) Native Perennial - Buckthorn Family - (Jan–May) - Slopes, ridges, chaparral, conifer forest - Shrub/tree < 11.5' tall. Twigs red-brown. Leaves alternate, 3 main veins. Flowers blue, purple-blue or whitish.

CALIFORNIA HUCKLEBERRY (Vaccinium ovatum) Native Perennial - Heath Family - (Mar–May) - Edges, clearings in conifer forest - Shrub 1.6-10' tall. Leaf 1-2' long, evergreen. Flowers pink, < 0.3' long, 3-10/group. Fruit black, 0.24-0.35' diam.

HAIRY VINE HONEYSUCKLE (Lonicera hispidula) Native Perennial - Honeysuckle Family - (May–Jun) - Canyons, streamsides, woodland - Shrub sprawling-climbing, 6-10' long, short-hairy. Flower cluster densely sticky. Flowers pink, 0.5-0.6' long, sticky-hairy.

SNOWBERRY (Symphoricarpos albus var. laevigatus) Native Perennial - Honeysuckle Family - (May–Jul) - Shady woodland, streambanks, N. slopes - Shrub 20-71' tall. Flowers > 8/cluster, pink. 0.16-0.24' long, bell-shaped, swollen on 1 side.

CREEPING SNOWBERRY (Symphoricarpos mollis) Native Perennial - Honeysuckle Family - (Apr–May) - Ridges, slopes, open places in woodland - Shrub 6-24' tall, sprawling. Flowers < 8/cluster, pink + often red outside, 0.16' long, bell-shaped, symmetrical.

WOOD ROSE (Rosa gymnocarpa var. gymnocarpa) Native Perennial - Rose Family - (Feb)Apr–Jul) - Common. Gen in shade of forest, scrub - Shrub w/straight thorns. Flowers gen solitary, stalks sticky, fruit smooth, sepals deciduous.

WHITE ALDER (Alnus rhombifolia) Native Perennial - Birch Family - (Apr–Jun) - Along permanent streams - Tree. Leaves flat, not rusty underneath, margins serrate, not rolled under. Female flowers cone-like. Wood used for furniture and for smoking meats.
**CA POTATO TREE (Solanum petunifolium)** Native Perennial - Nightshade Family - (Apr–Jun) - Cienegas, canyons, coastal sage scrub. Leaves elliptic to obovate, 0.7-3” long, toothed, petioles 5-20”. Flowers white,钟状, 0.6-1” long. Fruits black, 0.25-0.5” long. TOXIC.

**CALIFORNIA SAGEBRUSH (Artemisia californica)** Native Perennial - Sunflower Family - (Aug–Nov) - Coastal scrub, chaparral, open woodland. Flowers white, < 5 mm wide. TOXIC.
Wild Plants of Leona Canyon Regional Open Space Preserve - Sorted by Form, Color and Family

Woody - White

EASTWOOD MANZANITA (Arctostaphylos glandulosa subsp. glandulosa) Native Perennial - Heath Family - (Jan–Apr) - Chaparral, conifer forest - Shrub 3'-13' tall. Twigs w/gland-tipped hairs, leafy bracts, 0.1-0.2" leaf stalk, burl. Upper leaf surface not shiny.

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.

OCEANSPRAY (Holodiscus discolor var. discolor) Native Perennial - Rose Family - (May–Aug) - Moist woodland edges, rocky slopes - Shrub 5'-20' tall. Leaf blade 0.6-3.1" long, toothed at end. Flower cluster 0.8'-10" long. Petals white, ~0.07" long.

OSO BERRY (Oemleria cerasiformis) Native Perennial - Rose Family - (Feb–Apr) - Chaparral, canyons, streambanks, lowland wet to dry open woodland, coast to shaded conifer forest - Shrub 3'-20'. Leaf 2.5'-5" long. Flower cluster 1.2'-4". Petals white, 0.12'-0.24".

PACIFIC NINEBARK (Physocarpus capitatus) Native Perennial - Rose Family - (May–Jul) - Moist banks, n-facing slopes, mixed-conifer forest - Shrub 3.3'-8'. Leaf blades gen < 4" wide, 3-5 lobed. Petals white, ~0.1" long. Fruits reddish, 0.3'-0.4" long.

HIMALAYAN BLACKBERRY (Rubus armeniacus) Naturalized Perennial - Rose Family - (Mar–Jun) - Common. Disturbed areas, roadsides - Shrub withorny 5-angled stem. Leaflets 3-5, white-hairy beneath. Blackberry-type fruit. INVASIVE.

THIMBLEBERRY (Rubus parviflorus) Native Perennial - Rose Family - (Mar–Aug) - Common; moist semi-shaded areas, esp edges of woodland - Shrub 0.5'-2 m tall, not prickly. Petals 0.5'-0.9" long, white. Leaves simple, 3-5 lobed. Raspberry-type fruit.

HIMALAYAN BLACKBERRY (Rubus armeniacus) Native Perennial - Rose Family - (Sept–Oct) - Common, disturbed areas - Stem round, bristly/prickly. Leaves simple to 3 leaflets, underside green. Plants unisexual. Petals 0.24'-0.6" long, white. Blackberry-type fruit.
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.

COYOTE BRUSH (Baccharis pilularis subsp. consanguinea) Native Perennial - Sunflower Family - (Jul–Dec) - Coastal bluffs, woodland, grassland, disturbed sites. occ on serpentine - Shrub < 15' tall, brittle, common. Leaves gen 0.6-1.6" long.

SHINYLEAF OREGON-GRAPE (Berberis pinnata subsp. pinnata) Native Perennial - Barberry Family - (Feb–May) - Rocky slopes, oak woodland, chaparral - Shrub gen < 7'. Leaflets w/15-23 spiny teeth, spines < 0.1" long. Flowers yellow.

WESTERN LEATHERWOOD (Dirca occidentalis) Native Perennial - Daphne Family - (Nov–Mar) - Gen n facing slopes, mixed-evergreen forest to chaparral, gen fog belt - Shrub 3-10'. Flowers yellow, 1-4 per group, open before/with leaves. CNPS: Fairly ENDANGERED.

CALIFORNIA BAY (Umbellularia californica) Native Perennial - Laurel Family - (Nov–May) - Common. Canyons, valleys, chaparral - Tree < 150' tall. Leaf 1.2-4", 0.6-1.2" wide, aromatic. Cluster of 5-10 small, yellow or yellow-green flowers. Fruit 0.8-1" diam.

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.

FRENCH BROOM (Genista monspessulana) Naturalized Perennial - Pea Family - (Mar–Jun) - Common. Disturbed places. - Shrub < 10' tall, evergreen. Stems 8-10 ridged, leafy. Flowers yellow, 4-10 at branch tips, banner 0.4-0.6" long. NOXIOUS.

GOLDEN-YARROW (Eriophyllum confertiflorum var. confertiflorum) Native Perennial - Sunflower Family - (Apr–Aug) - Many dry habitats - Shrubby, 6-28" tall. Leaves 0.4-2" long, deeply 3-5 lobed. Flowers yellow; rays 4-6, 0.08-0.2" long; head bracts 4-7.