



Wild Plants of Wildcat Canyon Regional Park

Common Name Version

A Photographic Guide

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

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

A Photographic Guide to the Wild Plants of Wildcat Canyon Regional Park

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> (ucjeps.berkeley.edu/IJM.html).
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 Wildcat Canyon Regional Park - Sorted by Form, Color and Family

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BRACKEN FERN (*Pteridium aquilinum* var. *pubescens*) Native Perennial - Bracken Family - - Pastures, woodland, meadows, hillsides, partial to full sun - Leaf blades widely-triangular, gen 0.5-5' long, gen 3x divided, hairy underneath.



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.



WESTERN LADY FERN (*Athyrium filix-femina* var. *cyclosorum*) Native Perennial - Cliff Fern Family - - Woodland, along streams, seepage area - Leaves gen 12-39" long, broadest near middle, 1-2 divided, ultimate divisions rounded.



COMMON HORSETAIL (*Equisetum arvense*) Native Perennial - Horsetail Family - - Streambanks, wet meadows, springs, other wet, shaded places - Sterile stems 4-24" tall, 6-14 sheath teeth. Fertile stems 4-13" tall, 6-10 sheath teeth.



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.



BROAD-FRUITED BUR-REED (*Sparganium eurycarpum* var. *eurycarpum*) Native Perennial - Cattail Family - (Jun-Aug) - Marshes, lakes, ponds, along streams - Plant to 8' tall. Flower cluster stem branched, clusters spherical. Styles 2.



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".



BROAD-LEAVED CATTAIL (*Typha latifolia*) Native Perennial - Cattail Family - (Jun-Jul) - Unpolluted to nutrient-rich freshwater (brackish) marshes - Plant 4.9-9.8' tall. Widest leaves 0.4-1.1" wide. Flower cluster with no gap between flower types.



DUNE BENT GRASS (*Agrostis pallens*) Native Perennial - Grass Family - (Jun-Aug) - Common. Open meadows, woodland, forest, subalpine - Lower leaf blades <= 0.2" wide, flat to inrolled. Flower cluster 2-8" long, < 0.8" wide; narrow and arching when young.



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.



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.



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.



BRISTLY DOGTAIL GRASS (*Cynosurus echinatus*) Naturalized Annual - Grass Family - (May-Jul) - Open, disturbed sites - Tufted. Stem 4-28" long. Leaf blade 0.1-0.6" wide. Flower cluster 0.4-1.6" long, 1-sided. Fertile and sterile spikelets. **INVASIVE** 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.



SLENDER WHEAT GRASS (*Elymus trachycaulus* subsp. *trachycaulus*) Native Perennial - Grass Family - (Jun-Aug) - Dry to moist, open areas, forest, woodland - Tufted. Stem 1-5' tall. Spikelet 0.4-0.8" long, 1 per node. Lemma awn < 0.3 " long.



BEARDLESS WILD RYE (*Elymus triticoides*)
Native Perennial - Grass Family - (Jun-Jul) - Dry to moist, often saline, meadows - Plant 18-50" tall, from rhizomes. Flower cluster 2-8" long. Spikelets generally 2/node. Lemmas 3-7, 0.2-0.5" long, awn to 0.12" long.



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.



COMMON VELVET GRASS (*Holcus lanatus*)
Naturalized Perennial - Grass Family - (Jun-Aug) - Moist sites, roadbanks, cult fields, meadows - Plant 8-39" tall, very hairy. Glumes 0.12-0.24", purple; florets 0.12-0.16" w/ hooked awn. INVASIVE weed.



NORTHERN BARLEY (*Hordeum brachyantherum* subsp. *brachyantherum*)
Native Perennial - Grass Family - (May-Aug) - Meadows, pastures, streambanks - Stem 1-3' tall, gen robust. Leaf sheaths gen smooth, blade < 7.5" long. Lemma awn < 0.25".



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.



WALL BARLEY (*Hordeum murinum* subsp. *murinum*) Naturalized Annual - Grass Family - (Feb-May) - Moist, gen disturbed sites - Stem 1-2'. Leaf auricles notable. Central spikelet stalk 0-0.02". Central floret gen = 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 0.14-0.28" 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.



DITCH BEARD GRASS (*Polygogon interruptus*)
Naturalized Perennial - Grass Family -
(May–Aug) - Common. Streambanks - Stem
20-35" tall, clumped. Leaf 0.2-7.7" long,
0.12-0.24" wide. Flower cluster 0.6-7" long.
Glume < 0.1" long, awn < 0.12" long.



RABBITFOOT GRASS (*Polygogon 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.**



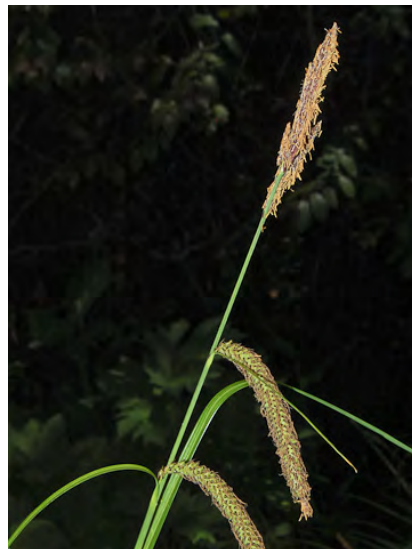
WATER BEARD GRASS (*Polygogon viridis*)
Naturalized Perennial - Grass Family - (May–Jun)
- Common. Disturbed areas, wet areas, ponds,
streambanks -Stem 4-40" long, trails. Leaf blades
flat, 0.08-0.4" wide. Spikelet ~ 0.1" long, no awn,
whorled clusters.



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



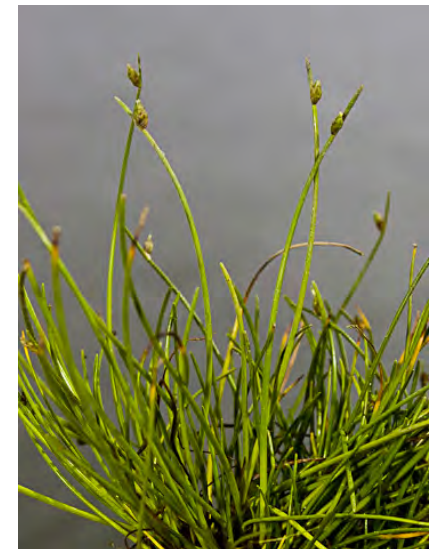
SPREADING RUSH (*Juncus patens*) Native
Perennial - Rush Family - (Jun–Oct) - Marshy
places, creeks, seeps - Plant 12-41" tall, densely
tufted. Stems blue-gray-green & distinctly
grooved when fresh. Stamens 6.



SANTA BARBARA SEDGE (*Carex barbarae*) -
Native Perennial - Sedge Family - (May–Aug) -
Seasonally wet places - Stem 6-36" tall, base
brown to purple. Lowest flower cluster "leaves" <
4" long. Spikelets brown, 1-3" long, 0.2-0.3" wide.



TALL NUTSEDEGE (*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.



LOW BULRUSH (*Isolepis cernua*) Native Annual
- Sedge Family - (Late spring–winter) - Sandy,
sometimes brackish sea shores, bluffs, sand
dunes, creeks, marshes - Plant 1.6-16" tall,
tufted. Single spikelet.



NAKED LADIES (*Amaryllis belladonna*)
Naturalized Perennial - Amaryllis Family -
(Jul-Sep) - Disturbed sites, often around
abandoned home sites - Stems leafless, 1-2' tall.
Flowers large and pink (sometimes white or
yellow at the base). Escaped ornamentals.



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.



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.



WATER SMARTWEED (*Persicaria amphibia*)
Native Perennial - Buckwheat Family - (Jun-Nov)
- Shallow lakes, streams, shores - Aquatic
(floating leaves) or terrestrial. Flower clusters
0.4-6" long, 0.3-0.8" wide, pink to red.



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.



RUBY CHALICE CLARKIA (*Clarkia rubicunda*)
Native Annual - Evening Primrose Family -
(May-Aug) - Openings in woodland, forest,
chaparral near coast - Stem < 5' long. Buds erect.
Petals 0.4-1.2", rose w/red base. Sepals united.
Stigma > anthers.



PANICLED / WEEDY WILLOWHERB (*Epilobium
brachycarpum*) Native Annual - Evening Primrose
Family - (Jun-Sep) - Common. Dry open or
disturbed woodland, grassland, roadsides - Plant
8-79" tall, diffuse. Petals 2-15 mm long, white to
rose-purple.



COMMON WILLOWHERB (*Epilobium ciliatum* subsp. *ciliatum*) Native Perennial - Evening Primrose Family - (Jun-Oct) - Common. Disturbed places, moist meadows, streambanks, roadsides - Plant 20-48" tall, smooth or short-hairy. Petals 2-6 mm, white to pink.



CHAPARRAL WILLOWHERB (*Epilobium minutum*) Native Annual - Evening Primrose Family - (Apr-Sep) - Dry, open, disturbed areas, vernal pools, often after fire - Plant < 16" tall. Flower cluster open. Petals 0.1-0.2" long, white or pink. Leaves flat, not clustered.



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.



SOUTH AFRICAN ROMULEA (*Romulea rosea* var. *australis*) Naturalized Perennial - Iris Family - (Mar-Apr) - Uncommon. Disturbed areas, dry, sandy or often hard-packed soil - Plant gen < 4" tall. Leaves 2-14" long. Flower pink w/yellow tube, 0.6-0.8" long.



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.



GRASS-POLY (*Lythrum hyssopifolia*) Naturalized Annual-Perennial - Loosestrife Family - (Apr–Oct) - Marshes, drying pond margins, disturbed ground - Stem 4-24". Leaves 0.2-1.2" long, ~ elliptical. Petals pink, 0.1-0.2" long. 2 awl-like appendages. INVASIVE weed.



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.



PENNYROYAL (*Mentha pulegium*) Naturalized Perennial - Mint Family - (Jul–Oct) - Moist places, fields - Stem 4-12" tall, short-hairy. Leaves 0.2-1" long, upper stalkless. Flowers 0.2-0.3" long, violet to lavender. Aromatic. INVASIVE weed.



THYMELEAF BEARDSTYLE (*Pogogyne serpylloides*) Native Annual - Mint Family - (Mar–Jun) - Grassy, brushy areas - Plant inconspicuous. Stem 1-8" long, low-growing. Flowers 0.1-0.2" long, lavender, in dense clusters.



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.



STARFLOWER (*Trientalis latifolia*) Native Perennial - Myrsine Family - (Apr–Jul) - Shaded places, esp woodland - Stem 2-12". Leaves 1-3.5" long, 0.4-2" wide, egg-shaped; stem leaves in 1 whorl near stem tip. Flower gen pink to rose, 0.3-0.6" wide.



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.



CHICK LUPINE (*Lupinus microcarpus* var. *microcarpus*) Native Annual - Pea Family - (Mar–Jun) - Abundant. Open or disturbed areas, occ seeded on roadbanks - Plant 4-32", hairy. Leaves smooth above. Flowers gen pink to purple. Flower bracts shaggy.



DECEIVING CLOVER (*Trifolium bifidum* var. *decipiens*) Native Annual - Pea Family - (Apr–Jun) - Open, grassy areas, forest - Leaflet tip square/notched. Flower small, yellow to pink-purple, soon reflex. Flower stalk top sparsely hairy.



CLUSTERED CLOVER (*Trifolium glomeratum*) Naturalized Annual - Pea Family - (Mar–May) - Uncommon. Disturbed areas - Leaflets 0.2-0.5" long. Head 0.28-0.4" wide. Flowers pink, 0.16-0.24" long. Bracts triangular-lobed, curl back in fruit.



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.



SKUNKWEED (*Navarretia squarrosa*) Native Annual - Phlox Family - (Jun–Aug) - Common. Open, wet, gravelly flats, slopes - Plant 4-24" tall, sticky, with skunk-like odor. Flowers 0.35-0.47" long, dark blue; petal lobes 0.08" 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.



ARTICHOKE THISTLE (*Cynara cardunculus* subsp. *flavescens*) Naturalized Perennial - Sunflower Family - (Apr-Jul) - Disturbed places - Plant 1.6-8" tall. Artichoke head 1.6-6" diam, spine-tipped. Flowers blue or purple, 1.2-2" long. NOXIOUS weed.



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 spiny, shiny green w/white veins and spots. Flowers red-purple. INVASIVE weed.



COMMON CALIFORNIA WILD ASTER (*Symphyotrichum chilense*) Native Perennial - Sunflower Family - (Jun-Oct) - Grassland, salt marshes, disturbed places - Plant 16-39", partly hairy. Leaf 1.6-6", 0.2-1.2" wide. Rays violet, 0.3-0.5" long.



FULLER'S TEASEL (*Dipsacus sativus*) Naturalized Biennial - Teasel Family - (May-Jul) - Disturbed areas, fields, vacant lots, pastures - Plant gen < 6' tall. Leaf pairs fused around stem. Flower cluster lavender, 5-10 cm long, bracts spreading. INVASIVE weed.



ROBUST VERVAIN (*Verbena lasiostachys* var. *scabrida*) Native Perennial - Vervain Family - (May-Sep) - Open, dry to wet places - Plant 14-32" tall. Leaves green, narrow, 3-lobed, stiff-haired above. Flowers blue to purple on long stalk.



GREEN DOCK (*Rumex conglomeratus*) Naturalized Perennial - Buckwheat Family - (May-Aug) - Common. Moist places - Stem 12-32" tall, unbranched below. Flower cluster open. Fruit valves ~0.1" long, scarcely winged around the 3 tubercles, smooth edged.



CANARY ISLANDS IVY (*Hedera canariensis*) Naturalized Perennial - Ginseng Family - (Aug-Nov) - Woodland, chaparral, disturbed areas - Woody vine. Leaves gen 3-pointed, > English Ivy. Flowers white to green. Fruit black, ~0.2" wide. INVASIVE weed.



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.



SPINY COCKLEBUR (*Xanthium spinosum*) Native Annual - Sunflower Family - (Jul-Oct) - Disturbed, seasonally wet, often alkaline sites, in grassland, marshes, watercourses - Plant 4-24". Stem node spines 0.6-1.2" long, golden, gen 3-lobed. Bur 0.4-0.5" long.



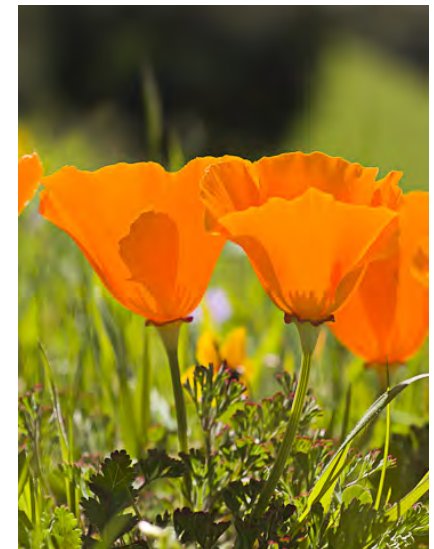
COCKLEBUR (*Xanthium strumarium*) Native Annual - Sunflower Family - (Jul-Oct) - Disturbed, seasonally wet, often alkaline sites, in grassland, marshes, watercourses - Plant 4-32" tall. Stem spineless. Bur 0.4-1.2"+ long.



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.



CALIFORNIA POPPY (*Eschscholzia californica*) Native Perennial - Poppy Family - (Feb-Sep) - Grassy, open areas - Plant 2-24" tall. Flower w/spreading rim <= 0.2". Petals 0.8-2.4" long, early spring = large and orange, fall = smaller and yellow.



VENUS THISTLE (*Cirsium occidentale* var. *venustum*) Native Biennial - Sunflower Family - (May-Jul) - Disturbed areas, grassland, woodland - Plant 1.6-9.8' tall. Head bract cluster 0.6-2" tall, 0.6-3" diam. Flowers gen bright red-pink to red, 0.9-1.4" long.



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.



POISON HEMLOCK (*Conium maculatum*) Naturalized Biennial - Carrot Family - (Apr-Jul) - Common. Moist, esp disturbed places - Plants 2-10' tall. Stems purple-spotted. Leaves fern-like, gen 2x divided. Flowers white. **TOXIC. INVASIVE weed.**



WATER PARSLEY (*Oenanthe sarmentosa*) Native Perennial - Carrot Family - (Jun-Oct) - Streams, marshes, ponds, gen aquatic - Plant 20-60" tall. Young shoots curled, tendril-like. Leaves twice-pinnate, leaflets alike, broad, serrate to lobed. Flowers white.



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.



VENUS' NEEDLE (*Scandix pecten-veneris*) Naturalized Annual - Carrot Family - (Apr-Jun) - Grassy slopes, roadsides - Plant 6-20" tall. Leaf segments finely divided, linear. Flowers white, outer petals larger. Fruit 0.2-1" long with a beak 0.8-2.8" long.



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.



HOOKEER 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.



CHEESEWEED (*Malva parviflora*) Naturalized Annual - Mallow Family - (Mar–May) - Common. Disturbed places - Stem 8-32" long, gen erect, widely branched. Flower bractlets linear. Petals 0.1-0.2" long, pink to gen white. Fruit with flange from flower bracts.



CLIMBING MORNING-GLORY (*Calystegia purpurata* subsp. *purpurata*) Native Perennial - Morning-glory Family - (May–Jun) - Chaparral, coastal scrub - Stem strongly climbing. Leaf triangular, lobes strongly angled. Bractlets smooth, small, distant.



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.**



SHEPHERD'S PURSE (*Capsella bursa-pastoris*) Naturalized Annual - Mustard Family - (Jan–Oct) - Disturbed areas - Stem 4-20" long. Basal leaves 1.2-2.4" long, dandelion-like. Petals white, 0.08-0.16" long. Fruits 0.16-0.35" long, flat, heart-shaped.



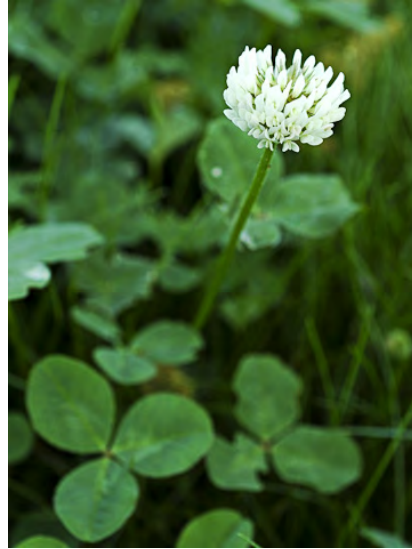
HEART-PODDED HOARY CRESS (*Lepidium draba*) Naturalized Perennial - Mustard Family - (Apr–Aug) - Disturbed areas, saline soils, pastures, fields - Stem gen 9-26" tall. Flowers white. Sepals smooth. Fruit smooth, heart-shaped. **NOXIOUS weed.**



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.



WHITE SWEETCLOVER (*Melilotus albus*) Naturalized Annual-Biennial - Pea Family - (May-Sep) - Locally abundant. Pastures, open disturbed sites - Stem 1.6-6.6' long. Leaflets 3, 0.4-1" long, toothed. Flowers white, 0.14-0.2" long.



WHITE CLOVER (*Trifolium repens*) Naturalized Perennial - Pea Family - (Feb-Dec) - Disturbed areas - Stem creeping. Leaflets 0.2-1" long, oval, wider at tip end. Flower cluster 0.4-1" wide. Flowers white, 0.28-0.43" long, becoming reflexed. No head bract.



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.



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.



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.



HORSEWEED (*Erigeron canadensis*) Naturalized Annual - Sunflower Family - (All year) - Disturbed places - Plant 8-79" tall. Gen 1 main stem branching above. Disk flowers yellow; rays white or pink, <= 0.04" long. Head bracts 0.12-0.16" tall, 0.08-0.12" wide.



HAYFIELD TARWEED (*Hemizonia congesta* subsp. *luzulifolia*) Native Perennial - Sunflower Family - (Mar-Dec) - Disturbed, open, or grassy sites, often clayey soils, serpentine - Plant 2-32" tall. Flowers white, rays 0.2-0.5" long; head bract tips < body.



CALIFORNIA EVERLASTING (*Pseudognaphalium californicum*) Native Biennial - Sunflower Family - (Apr-Jul) - Sandy canyons, dry hills, coastal chaparral - Stem 8-51" tall. Leaves green + glandular on both sides. Heads white, spheric, 0.2-0.24" long.



PRICKLESEED BUTTERCUP (*Ranunculus muricatus*) Naturalized Annual - Buttercup Family - (Apr-Jun) - Stream-banks, drainages, low meadows - Plant 6-20". Leaves gen 3-lobed. Petals yellow, 5, 0.16-0.3" long. Fruits 0.2" long with curved bristles.



FENNEL (*Foeniculum vulgare*) Naturalized Perennial - Carrot Family - (May-Sep) - Roadsides, disturbed sites - Plants 3-6.5' tall, anise-scented. Stems waxy-blue, canelike. Flowers yellow. Leaf segments thread-like, edible when young. **INVASIVE weed.**



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.**



TURNIP (*Brassica rapa*) Naturalized Annual - Mustard Family - (Jan-May) - Disturbed areas - Stem 8-40" tall. Leaves clasping, upper smooth-edged & waxy. Petals yellow, 0.2-0.4" long, stalk 0.3-1"; fruit beak > 0.4". **INVASIVE weed.**



CHARLOCK (*Sinapis arvensis*) Naturalized Annual - Mustard Family - (Mar-Sep) - Disturbed areas - Stem 8-39", no rosette. Leaves coarse. Petals 0.35-0.47" long, yellow. Fruit 0.8-1.8", ascending, beak 0.24-0.47" long w/fat base. 3-7 valve veins. **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 LOTUS (*Acmispon wrangelianus*) Native Annual - Pea Family - (Mar-Jun) - Abundant. Coastal bluffs, chaparral, disturbed areas - Low growing. Flowers yellow aging red, 0.2-0.4" long, almost stemless. Bract lobes same length as flower tube.



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.



TOCALOTE (*Centaurea melitensis*) Naturalized Annual - Sunflower Family - (Apr-Jul) - Disturbed fields, open woodland - Plant 4-39", gray-hairy, resinous. Leaves 0.8-6" long. Flowers yellow, 0.4-0.8" long, bracts tipped w/purple spines. NOXIOUS weed.



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.



BRASS-BUTTONS (*Cotula coronopifolia*) Naturalized Perennial - Sunflower Family - (Mar-Dec) - Common. Saline and freshwater marshes, mud flats - Plant 2-16"+ tall, smooth, ± fleshy. Leaves linear to lance-shaped w/linear teeth or lobes. INVASIVE.



GERMAN IVY (*Delawarea odorata*) Naturalized Perennial - Sunflower Family - (Nov-Mar) - Shady, ± disturbed places, riparian woodland, coastal scrub - Vine stem 3-20' long. Heads ~ 20 per cluster. Disk flowers bright yellow. NOXIOUS weed.



FLAX-LEAVED HORSEWEED (*Erigeron bonariensis*) Naturalized Annual - Sunflower Family - (All year) - Disturbed sites - Plant 4-39" tall, gray-hairy. Upper leaves narrow. Disk flowers yellow, disk-like rays white. Head bracts 0.14-0.2" tall.



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.



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.**



SANTA CRUZ TARPLANT (*Holocarpha macradenia*) Native Annual - Sunflower Family - (Jun–Nov) - Grassy areas, clay soil - Plant 4-20" tall, sticky. Heads in tight groups. Rays 8-16, disk anthers red to purple. Fed: **THREATENED**, Cal: **ENDANGERED**.



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.**



WILLOW LETTUCE (*Lactuca saligna*) Naturalized Annual - Sunflower Family - (Jul–Nov) - Roadsides, grassland - Stem 12-39" tall. Leaf lobes entire or few-toothed, no prickles underneath. Flowers 5-12, pale yellow, open in morning.



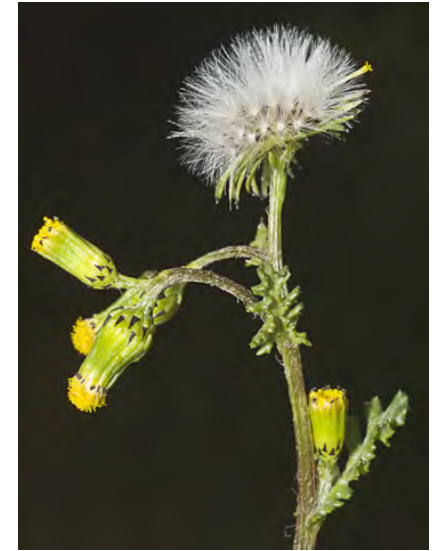
PRICKLY LETTUCE (*Lactuca serriola*)
Naturalized Annual - Sunflower Family -
(May–Oct) - Abundant. Disturbed places - Stem
1.6–10' tall, prickly-bristly. Leaves deeply-lobed,
midvein and edges prickly-bristly. Flowers pale
yellow, 0.16–0.2" wide.



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.



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.



CALIFORNIA GOLDENROD (*Solidago velutina*
subsp. *californica*) Native Perennial - Sunflower
Family - (May–Nov) - Woodland margins,
grassland, disturbed soils - Stem 8–60" tall. Gen
densely short-soft-hairy. Flower cluster height
2–4x width.



COMMON DANDELION (*Taraxacum officinale*)
Naturalized Biennial-Perennial - Sunflower Family
- (All year) - Abundant. Esp disturbed areas -
Stem hollow. Leaves bright green with sharp
down-pointing lobes. Outer head bracts reflexed.
Fruit ~ brown.



NARROW-LEAVED MULE'S EARS (*Wyethia*
angustifolia) Native Perennial - Sunflower Family
- (Apr–Aug) - Grassland - Plant 4–35" tall,
rough-hairy. Leaves narrow, veins all similar,
base blades 4–20" long. Ray flowers 0.6–1.8"
long.



CHAPARRAL CURRANT (*Ribes malvaceum* var.
malvaceum) Native Perennial - Gooseberry
Family - (Oct–Apr) - Chaparral, oak woodland -
Shrub < 6.6' tall, no prickles. Petals 0.08–0.12"
long, pink to white. Styles hairy at base.



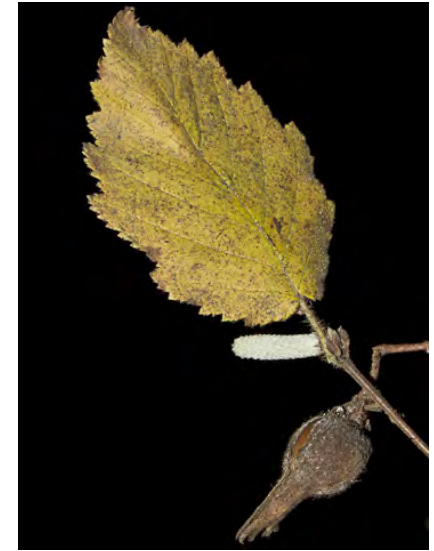
HAIRY VINE HONEYSUCKLE (*Lonicera hispidula*) Native Perennial - Honeysuckle Family - (May–Jun) - Canyons, streamsides, woodland - Shrub sprawling-climbing, 6-10' long, short-hairy. Flower cluster densely sticky. Flowers pink, 0.5-0.6" long, sticky-hairy.



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.



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.



CALIFORNIA HAZELNUT (*Corylus cornuta* subsp. *californica*) Native Perennial - Birch Family - (Jan–Mar) - Common. Many habitats, esp moist, shady places - Shrub, small tree < 13' tall. Leaf velvety-hairy. Fruits 0.8-1.2" long in papery bracts, 1-2/group.



REDWOOD (*Sequoia sempervirens*) Native Perennial - Cypress Family - - - Redwood forest - Tree to 380' tall, evergreen. Leaves alternate: on rapidly growing stems awl-like, < 0.3" long; others flat, 0.2-1" long. Seed cone 0.5-1.4" diam, woody.



MONTEREY PINE (*Pinus radiata*) Native Perennial - Pine Family - - - Closed-cone-pine forest, oak woodland - Tree < 125' tall. Mature bark black, deep-grooved. Needles 3 per bundle, 2.4-5.9" long. Seed cone 2.4-6" long, asymmetric, opening 2nd year.



BIG-LEAF MAPLE (*Acer macrophyllum*) Native Perennial - Soapberry Family - (Mar–Jun) - Common. Streambanks, canyons - Tree < 100'. Leaves 5-lobed, 3-6" long, 4-10" wide. Group of 20-90 hanging flowers appear after leaves. Winged seeds.



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.



WESTERN VIRGIN'S BOWER (*Clematis ligusticifolia*) Native Perennial - Buttercup Family - (Jun–Sep) - Along streams, wet places - Leaflets 5-15, irregularly lobed. Flowers many, in fall. Sepals white to cream, 0.2-0.24" long.



WESTERN AMERICAN DOGWOOD (*Cornus sericea* subsp. *occidentalis*) Native Perennial - Dogwood Family - (May–Jul) - Generally moist places - Shrub 5-13' tall. Leaf blades gen 2-4" long, rough-hairy below, veins in 4-7 pairs. Petals white, 0.1-0.2" long.



HILLSIDE GOOSEBERRY (*Ribes californicum* var. *californicum*) Native Perennial - Gooseberry Family - (Feb–Mar) - Forest openings, woodland - Shrub < 5' tall. Leaf blades 0.4-1.2" long, not sticky. Sepals greenish, petals 0.12" long, white.



CANYON GOOSEBERRY (*Ribes menziesii* var. *menziesii*) Native Perennial - Gooseberry Family - (Feb–Apr) - Common. Forest openings, chaparral - Shrub < 10', prickly. Leaves sticky below. Styles glabrous, anthers exerted, sepals purplish.



PACIFIC MADRONE (*Arbutus menziesii*) Native Perennial - Heath Family - (Mar–May) - Conifer, oak forests - Tree < 130' tall, evergreen, peeling red bark. Leaf blades < 5" long. Flowers yellow-white or pink, < 3.1" long. Berries red, < 0.5" diam, round.



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.



RIVER RED GUM (*Eucalyptus camaldulensis*) Naturalized Perennial - Myrtle Family - (Apr–Jul) - Common. Disturbed areas - Tree to 80' tall. Leaves 2-8" long, 0.6-1" wide. Flowers 5-10 in simple umbel, small, white; bud cap < 0.25". **INVASIVE.**



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.



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" long. Flower cluster 1.2-4". Petals white, 0.12-0.24".



HIMALAYAN BLACKBERRY (*Rubus armeniacus*) Naturalized Perennial - Rose Family - (Mar-Jun) - Common. Disturbed areas, roadsides - Shrub w/thorny 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.



CALIFORNIA BLACKBERRY (*Rubus ursinus*) Native Perennial - Rose Family - (Mar-Jul) - Open, 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.



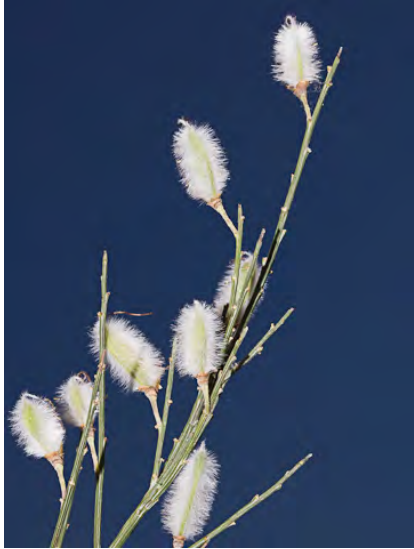
CALIFORNIA BUCKEYE (*Aesculus californica*) Native Perennial - Soapberry Family - (May-Jun) - Dry slopes, canyons, borders of streams - Large shrub or tree 13-39' tall. 5-7 leaflets. Flowers white to pale rose. Large seeds toxic but edible after leaching out saponins.



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.



SYDNEY GOLDEN WATTLE (*Acacia longifolia*) Naturalized Perennial - Pea Family - (Jan-Apr) - Uncommon. Disturbed places, especially sandy coastal areas - Shrub-small tree, spineless. Leaves simple, 2-6" long with 2-4 main veins. Flowers bright yellow.



SCOTCH BROOM (*Cytisus scoparius*)
Naturalized Perennial - Pea Family - (Apr-Jul) - Common. Disturbed places - Shrub 6.6-8' tall, deciduous. Stems sharply 5-angled, new twigs hairy. Flowers yellow, 1-2 at leaf bases, 0.6-0.8" long. NOXIOUS.



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.



SPANISH BROOM (*Spartium junceum*)
Naturalized Perennial - Pea Family - (Apr-Jun) - Disturbed areas - Shrub, < 10' tall, gen leafless. Leaves simple, very sparse. Flowers yellow, several at stem tips, 0.8-1.2" long. Fruits 2-4" long. INVASIVE weed.



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.



ARROYO WILLOW (*Salix lasiolepis*) Native Perennial - Willow Family - (Jan-Jun) - Common. Shores, marshes, meadows, etc - Shrub-tree, bark smooth. Leaf-like stipules. Leaf egg-shaped, waxy below. Fruit smooth, bract persistent, dark, stamens 2.

