Wild Plants of Huckleberry Botanic 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
Decimal Inches

English Inches

Notes:
A Photographic Guide to the Wild Plants of
Huckleberry Botanic 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 The Jepson Manual: Vascular Plants of California, Second Edition (JM2) and other references (not standardized).
- **(Scientific Name)** According to JM2 and eFlora (ucjeps.berkeley.edu/JM.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 JM2.
- **(Bloom date range)** Period during the year when the plant blooms, according to JM2 and other sources. '-' if plant does not bloom (ie. Ferns).
- **Habitat** Habitat description according to JM2 and other sources.
- **ID Characteristics** Plant description with identification characteristics and other notes, based on multiple sources including: Annotated Checklist of the East Bay Flora, Second Edition (2013), JM2, Plants of the San Francisco Bay Region (Revised Edition), and Weeds of California and Other Western States.
- **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**

**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.

**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.

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.

WILD OAT (Avena fatua)
Naturalized Annual - Grass Family - (Apr–Jun) - Disturbed sites - Plants 1-5' tall. Spikelets 0.7-1.3" long. Low awn 1-1.5" long. Lemma tip bristles < 0.04" long. Low awn 1-1.6" long. Lemma body 0.5-0.8" long, awn > 1.2" long. Barbed seeds can stick in flesh of animals. INVASIVE weed.

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.

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.

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.

SLENDER HAIR GRASS (Deschampsia elongata) Native Perennial - Grass Family - (May–Sep) - Wet sites, meadows, lakeshores, shaded slopes - Densely clumped. Stem 4-28" long. Glumes =, 0.1-0.2". Lemmas 2, ~0.1", awns from middle 0.04-0.2" & straight.

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", Inflor 0.6-8" tall, dense, lower branches erect. Spikelet 0.2-0.4" long, awn 0.1-0.3" 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 8-35" tall, very hairy, Glumes 0.12-0.24", purple; florets 0.12-0.16" w/hooked awn. 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 0.14-0.28" long w/1-2 florets; sterile tip widest above middle to 0.06", short-hairy lemmas.

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.

FOOTHILL NEEDLE GRASS (Stipa lepida) Native Perennial - Grass Family - (Mar–Jun) - Dry slopes, chaparral, grassland, savanna, coastal scrub - Stem 14-39" tall. Leaf blade 4.7-9.1" long, narrow. Glumes 0.2-0.6" long. Awn 0.8-2" long.

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.

**Herbaceous - Blue/Pink/Purple**

**GRAND HOUND'S TONGUE (Cynoglossum grande)** Native Perennial - Borage Family - (Feb–May) - Chaparral, woodland - Stem 1-3’. Leaf stalk 3-6”. Leaf blade 3-6” cm long, broadly oval. Flowers bright blue w/inner white teeth.

**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.

**CALIFORNIA PHACELIA (Phacelia californica)** Native Perennial - Borage Family - (Mar–Sep) - Bluffs, open slopes, road cuts, chaparral, woodland - Plant tufted, stiff-hairy. Leaves gen pinnate w/big terminal leaflet. Flowers 0.16-0.28” long, lavender.

**DIVARICATE PHACELIA (Phacelia divaricata)** Native Annual - Borage Family - (Apr-Jun) - Open areas, chaparral, woodland, grassland - Plant 3.5-16” tall. Leaves with 0-few lobes. Flowers 0.4-0.6” long, lavender to violet. Seeds 8-16.

**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.

**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.

**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.
Herbaceous - Blue/Pink/Purple

**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 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 with 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.

**DOUGLAS IRIS** (Iris douglasiana) Native Perennial - Iris Family - (May–Jul) - Common. Grassy places, esp near coast - Stem 6-20" tall. Leaves 0.4-0.9" wide. Perianth tube 0.04-0.12" long, petals 0.6-1.2" wide, stigmas triangular. NOXIOUS weed.

**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.

**CHIA** (Salvia columbariae) Native Annual - Mint Family - (Mar–Jun) - Dry, disturbed sites, chaparral, coastal-sage scrub - Plant 4-20" tall. Leaf 0.8-4" long, many 2x divided. Flower cluster head-like, 1-2 on bare stem. Flowers blue, tubes 6-8 mm long.

**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.

**SMALL-FLOWER LOTUS** (Acmispon parviflorus) Native Annual - Pea Family - (Mar–May) - Abundant. Coastal bluffs to oak/pine or fir woodland, open or disturbed areas - Flowers pinkish, solitary, 0.2" long, on stalk with bracts. Not hairy.
**Herbaceous - Blue/Pink/Purple**

**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.

**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.

**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.

**PACIFIC BLEEDING HEART** (*Dicentra formosa*)
Native Perennial - Poppy Family - (Mar–Jul) - Damp, shaded areas - Plant 8-18” tall. Leaves dissected, 8-20” long. Flowers heart-shaped, rose-pink, nodding, 2-30 per cluster, 0.5-1.2” 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.

**INDIAN THISTLE** (*Cirsium brevistylum*)
Native Annual-Biennial - Sunflower Family - (Mar–Aug) - Moist places - Plant 1-11’. Heads 1-1.6” wide, 1-1.4” long, 1-several clustered at stem tips, below leaf tips. Flowers white to purple, 0.8-1” long.

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.

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. scabra) 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.

CURLY DOCK (Rumex crispus) Naturalized Perennial - Buckwheat Family - (All year) - Abundant. Disturbed places - Stem 16-59" tall. Flower cluster dense, valves 0.2-0.24", winged around tubercles, smooth edged. 1 tubercle enlarged. INVASIVE.

CHECKER LILY (Fritillaria affinis) Native Perennial - Lily Family - (Mar–Jun) - Common. Oak or pine scrub, grassland - Stem 4-47" tall. Leaves 1.5-6.3" 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.
DWARF NETTLE (Urtica urens) Naturalized Annual - Nettle Family - (Jan–Jun) - Disturbed areas, stream banks, shaded areas in grassland, oak woodland, chaparral, coastal-sage scrub, riparian woodland - Leaf teeth sharp. Petals 2 large, 2 small, free to base.

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.


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.

CRIMSON COLUMBINE (Aquilegia formosa) Native Perennial - Buttercup Family - (Apr–Sep) - Streambanks, seeps, moist places, chaparral, oak woodland, mixed-evergreen or conifer forests - Flowers about 2" long, yellow with red sepals & spurs.

CALIFORNIA FUCHSIA (Epilobium canum subsp. canum) Native Perennial - Evening Primrose Family - (Jun–Dec) - Dry slopes, ridges - Plant hairy, gen sticky w/ a woody base. Leaf 0.3-2.8" long, gray to green. Flowers red-orange, floral tube 0.6-1.2" long.

SCARLET PIMPERNEL (Anagallis arvensis) Naturalized Annual - Myrsine Family - (Mar–May) - Common. Disturbed places, ocean beaches - Plants 2-15" 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.
**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.

**VARIABLE-LEAF NEMOPHILA** (Nemophila heterophylla) Native Annual - Borage Family - (Feb–Jun) - Common. Forest, chaparral, roadsides, streambanks - Flower 0.1-0.4" long, unsotted, bract appendages < 0.04" long in fruit.

**ROCK PHACELIA** (Phacelia imbricata subsp. imbricata) Native Perennial - Borage Family - (Apr–Jul) - Slopes, roadsides, flats, canyons, chaparral, woodland - Plant 8-47", tufted. Leaf segments 7-15. Flowers 0.2-0.3", white. Flower bracts often sticky.

**BRISTLY PHACELIA** (Phacelia nemoralis subsp. nemoralis) Native Biennial-Perennial - Borage Family - (Apr–Jul) - Moist slopes, streambanks, mixed-evergreen forest - Short-lived. Upper leaves egg-shaped, lower divided. Flowers green-white, 0.16-0.2".

**KNOTWEED** (Polygonum aviculare subsp. depressum) Naturalized Annual - Buckwheat Family - (May–Nov) - Disturbed places - Stem 4-20", mat-forming. Flowers 2-6/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.


**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.

**SHORT SOCK-DESTROYER (Torilis nodosa)** Naturalized Annual - Carrot Family - (Apr–Jun) - Disturbed places - Plant spreading, 4-20' tall. Flowers white to red, clusters dense, < leaf. Fruit ~ 0.1" long, uncurved bristles on outer surface, bumps inside.

**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.

**COAST MAN-ROOT (Marah oregana)** Native Perennial - Gourd Family - (Mar–May) - Shrubby or open areas, forest edges - Vine 3-20' long. Leaves deeply lobed. Flowers white, deep cup-shaped, > 0.3" wide. Fruit smooth at end.
**Herbaceous - White**

**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.

**YERBA BUENA (Clinopodium douglasii)**  
Native Perennial - Mint Family - (Apr–Sep) - Shady places, chaparral, woodland - Stem trailing, gen woody, forming mats. Leaves 0.4-1.4" long, oval. Petals white to lavender, 3-6 mm long. Aromatic.

**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.

**MILK MAIDS (Cardamine californica)**  
Native Perennial - Mustard Family - (Jan–May) - Gen shaded sites, canyons, woodland. One of first spring flowers - Stem 10-24" long. Leaves lobed to compound w/sharp teeth. Petals white or pale rose, 0.3-0.5" long.

**WESTERN BITTER-CRESS (Cardamine oligosperma)**  
Native Annual - Mustard Family - (Mar–Jul) - Wet meadows, shady banks, damp areas - Plants < 16". Leaves divided into 5-9 leaflets. Flowers white, 0.1-0.2" long. Fruit < 0.1" wide.

**SPOTTED CORALROOT (Corallorhiza maculata var. maculata)**  
Native Perennial - Orchid Family - (May–Aug) - Shaded mixed-evergreen or conifer forest, in decomposing if litter - Flower lip white, not widest at tip, w/2 rounded side lobes.
CALIFORNIA TEA (Rupertia physodes) Native Perennial - Pea Family - (May–Sep) - Woodland - Stem ~1.6'. Leaflets 3, triangular to lance-shaped, 1.4-2.8' long, sticky. Flower bracts not hairy, lobes =. Flowers white or yellow, banner 0.4-0.55' 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.

DOUGLAS’ STITCHWORT (Minuartia douglasii) Native Annual - Pink Family - (Spring–early summer) - Dry, rocky, slopes, flats in chaparral, oak and pine woodland, often serpentine - Plant 1.6-12", sticky-hairy. Leaves 0.2-1.6". Petals white, 0.12-0.24" long.

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 wline 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.

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.

SMALL-FLOWER ALUMROOT (Heuchera micrantha) Native Perennial - Saxifrage Family - (Apr–Jul) - Moist, rocky banks and cliffs - Plant 4-40" tall. Leaf blade 0.8-4.7" long, 5-7 lobed, generally hairy. Petals white, ~ 0.1" long.


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.

CALIFORNIA (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.

CALIFORNIA CHICORY (Rafinesquia californica) Native Annual - Sunflower Family - (Apr–Jul) - Open sites in scrub, woodland; often common after fire - Stem 2-15+ dm. Flower heads 0.8-1.2" wide, solitary. Rays white or cream, extend 0.2-0.3" beyond bracts.
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.

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.

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.

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.

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, 0.3-0.4” long.

SHORTPOD MUSTARD (Hirschfeldia incana) Naturalized Biennial-Perennial - Mustard Family - (Apr–Oct) - Disturbed areas - Stem 16-60”. Longest leaves 1.6-4” long, dense-hairy. Petals pale yellow, ~0.2” long. Fruit appressed. Fall-blooming. INVASIVE.

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/flat 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.
CREEPING WOOD SORREL (Oxalis corniculata)  
Naturalized Perennial - Oxalis Family - (Most of Year) - Disturbed areas - Plant < 20" tall, rooting at nodes. Leaflets < 0.8" long, in 3s. Petals yellow, < 8 mm long. Fruit 0.24-1" long. Possibly TOXIC to sheep.

BERMUDA BUTTERCUP (Oxalis pes-caprae)  
Naturalized Perennial - Oxalis Family - (Jan–May) - Disturbed areas, roadsides, grassland, dunes - Flowering stem < 12" tall. Leaflets in 3s, < 1.4" long. Petals yellow, < 1" long. Ornamental. INVASIVE weed.

DEERWEED (Acmispon glaber var. glaber)  
Native Perennial - Pea Family - (Mar–Aug) - Chaparral, roadsides, coastal sands; common - Often shrubby, leaflets 3-6, many clusters of 3-7 stemless flowers, yellow fading to orange-red, 0.3-0.5" long.

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.

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.

GIANT NATIVE DANDELION (Agoseris grandiflora var. grandiflora)  
Native Perennial - Sunflower Family - (Apr–Jul) - Grassland, scrub, woodland - Plant 10-40". Leaf lobes point up. Flower rosy-purple, variable-sized bracts. Seed tapers to beak > 2x body length. Leaf lobes point upward.

YELLOW STAR-THISTLE (Centaurea solstitialis)  
Naturalized Annual - Sunflower Family - (May–Oct) - Invasive, roadsides, disturbed grassland or woodland - Plant 4-38" tall. Leaves woolly, extend down the stem. Flower bract spines 0.4-1" long. NOXIOUS weed.

GERMAN IVY (Delairea odorata)  
**Herbaceous - Yellow**

**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.

**STICKY TARPLANT** (Holocarpha virgata subsp. virgata) Native Annual - Sunflower Family - (May–Nov) - Grassland - Plant 8-48" tall, gladular, 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.

**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.

**GUMWEED** (Madia gracilis) Native Annual - Sunflower Family - (Apr–Aug) - Open, semi-shaded or disturbed sites, many habitats, incl serpentine - Plant 2.4-40" tall, hairy, upper half sticky. Leaf 0.4-4" long. Rays yellow, 3-10, 0.06-0.3" long. Bracts 6-10 mm tall.
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.

COTTON-BATTING PLANT (Pseudognaphalium stramineum) Native Annual - Sunflower Family - (Mar–Aug) - Many habitats, dunes, chaparral slopes, roadsides - Heads 0.16-0.2" long, female flowers > 0.08" long, pappus bristles free.

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 4-48". Leaf teeth prickly. Basal lobes of upper leaves rounded, curving downward.

COMMON SOW THISTLE (Sonchus oleraceus) Naturalized Annual - Sunflower Family - (All year) - Abundant. Disturbed places - Plant 4-55" tall. Leaf teeth soft to touch. Basal lobes of upper leaves sharply pointed, straight to curving upward.


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.
**Woody - Blue/Pink/Purple**

**RED-FLOWERING CURRANT** *(Ribes sanguineum var. glutinosum)* Native Perennial - Gooseberry Family - (Feb–Apr) - Many habitats - Shrub < 13' tall, no prickles. Sepals pink to white. Petals white to red, ~0.1" long. Styles smooth.

**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** *(Symphoricarpus 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.

**BLUE WITCH** *(Solanum umbelliferum)* Native Perennial - Nightshade Family - (All year) - Ridgelines, mixed-evergreen forest, woodland - Plant gen < 39", upper stem hairs branched, dense. Flowers 0.6-1" wide, purple, with green spots at the base.

**CALIFORNIA ROSE** *(Rosa californica)* Native Perennial - Rose Family - (Feb–Nov) - Gen ± moist areas in sun, esp streambanks - Shrub 2.5-8.2" tall with thick curved spines, forming thickets. Petals pink, 0.6-1" long; sepals unlobed.

**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.

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.

CALIFORNIA COFFEE BERRY (Frangula californica subsp. californica) Native Perennial - Buckthorn Family - (May–Jul) - Coastal-sage scrub, chaparral, forest, woodland - Shrub < 16' tall. Flowers greenish. Leaves smooth beneath.

GOLDEN CHINQUAPIN (Chrysolepis chrysophylla var. minor) Native Perennial - Oak Family - (Jun–Sep) - Conifer forest, closed-cone-pine forest, chaparral - Shrub/tree < 16'. Leaf blade 2-6", folded, green above, golden below. Fruit 1.2-2" bur.

COAST LIVE OAK (Quercus agrifolia var. agrifolia) Native Perennial - Oak Family - (Mar–Apr) - Valleys, slopes, mixed-evergreen forest, woodland - Tree 30-80'. Leaves convex, hair-tuft below in vein axils. Acorns on 1st year twigs, shell glabrous inside.

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.

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' tall, rounded. Leaves 0.4-4", hairy, thread-like, lt green to gray. Flower heads < 5 mm wide. Sage-scented.
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.

STRAGGLE GOOSEBERRY (Ribes divaricatum var. pubiflorum) Native Perennial - Gooseberry Family - (Mar–May) - Uncommon. Coastal bluffs, forest edges - Shrub < 10’ tall. Petals 0.04-0.08” long, white. Styles 0.2-0.3” long, hairy at base. Bracts 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.

BRITTLE-LEAF MANZANITA (Arctostaphylos crustacea subsp. crustacea) Native Perennial - Heath Family - (Feb–Apr) - Chaparral, conifer forest - Twigs bristly, leaf stalk 0.1-0.2”, upper leaf surface shiny.

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.
BLUE GUM (Eucalyptus globulus) Naturalized Perennial - Myrtle Family - (Oct–Jan) - Common. Disturbed areas - Tree < 200’ tall. Flowers single, large, gen stemless. Leaves 4-12” long, 1-1.6” wide; used medicinally by Aboriginals. INVASIVE weed.

SILVERLEAF COTONEASTER (Cotoneaster pannosus) Naturalized Perennial - Rose Family - (May–Jul) - Disturbed places, mixed-evergreen forest - Leaves 0.8-1.4” long, pointed tip, smooth above. Petals white, spreading. Fruit red. INVASIVE weed.

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.

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” 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 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.

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.
COAST SILK TASSEL (Garrya elliptica) Native Perennial - Silk Tassel Family - (Jan–Mar) - Seaciffs, sand dunes, chaparral, foothill-pine woodland - Shrub or small tree, ~ 26' tall. Leaves wavy-margined, underside hairs felt-like, interwoven. Fruit hairy.

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.

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", 0.8-1.2" 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.

BLACKWOOD ACACIA (Acacia melanoxylon) Naturalized Perennial - Pea Family - (Feb-Mar) - Uncommon. Disturbed areas - Tree < 100' tall. Leaves simple, 0.2-1.2" wide, 3-5 main veins. Flowers yellow, 2-8 per head. INVASIVE weed.

FRENCH BROOM (Genista monspessulana) Naturalized Perennial - Pea Family - (Mar–Jun) - Common. Disturbed places. - Shrub < 10' tall, evergreen. Stems 5-10 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, 8-28" tall. Leaves 0.4-2" long, deeply 3-5 lobed. Flowers yellow; rays 4-6, 0.08-0.2" long; head bracts 4-7.

Decimal Inches

English Inches

Notes: