



Wild Plants of Oyster Bay Regional Shoreline

Common Name Version

A Photographic Guide

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

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East Bay 
Regional Park District

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

A Photographic Guide to the Wild Plants of Oyster Bay Regional Shoreline

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

Grass-like - Green/Brown

Wild Plants of Oyster Bay Regional Shoreline - Sorted by Form, Color and Family

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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 \geq 0.1" long. Seeds EDIBLE whole or ground for flour. INVASIVE weed.



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



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.



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



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.



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.



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.



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 unequal. Glume wing untoothed. INVASIVE weed.



COMMON REED (*Phragmites australis*) Native Perennial - Grass Family - (Jul-Nov) - Pond & lake margins, sloughs, marshes - Stem 6.6-13', gen < 0.4" diam. Leaf blades gen 8-18" long, base gradually narrowed. Flower cluster 6-20". Spikelet 0.4-0.6", lemmas smooth.



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 (*Polyopogon 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.



SMILO GRASS (*Stipa miliacea* var. *miliacea*) Naturalized Perennial - Grass Family - (Mar-Sep) - Salt marshes, streambanks, chaparral, open woodland, disturbed - Stems green, large tufts, sheaths lt. Inflor arching. INVASIVE weed.



SEACOAST BULRUSH (*Bolboschoenus robustus*) Native Perennial - Sedge Family - (Summer) - Brackish to saline coastal marshes - Plant 20-60" tall. Stem sharply triangular. Flower cluster dense, stemless, just above bracts. Spikelets 5-25, 0.4-1.2" long.



OLNEY'S THREE-SQUARE BULRUSH (*Schoenoplectus americanus*) Native Perennial - Sedge Family - (Summer) - Mineral-rich or brackish marshes, shores, fens, springs - Stem 1.2-8.2' tall, sharply 3-angled, not leafy. Flower cluster head-like.



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.



ALKALI HEATH (*Frankenia salina*) Native Perennial - Frankenia Family - (Apr-Sep) - Salt marshes, alkali flats - Matted subshrub, to 1' tall. Leaf blade 0.16-0.6" long, <= 0.24" wide. Petals white to pink or blue-purple, 0.24-0.55" long; gen 6 stamens.



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.



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.



STRAWBERRY CLOVER (*Trifolium fragiferum*) Naturalized Perennial - Pea Family - (Late spring) - Roadsides, gen in saline soil - Head bracts 0.08" long, green. Flowers pink, 0.2-0.24" long, quickly hidden by hairy inflated flower bracts.



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.



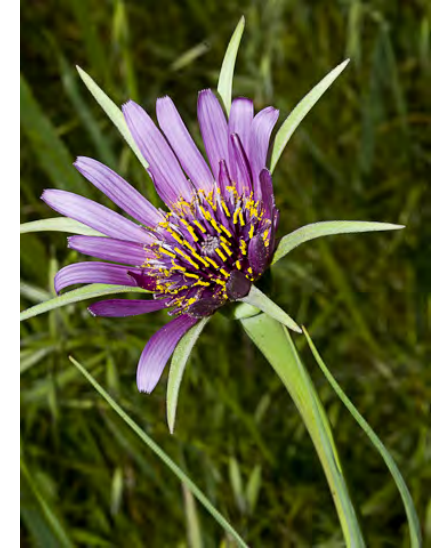
BULL THISTLE (*Cirsium vulgare*) Naturalized Biennial - Sunflower Family - (May-Oct) - Common. Disturbed areas - Plant 12-79" tall. Top of leaves bristly; leaf base forming decurrent wings on stem. Flowers purple, gen 1-2" wide. NOXIOUS weed.



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.



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.



PURPLE SALSIFY (*Tragopogon porrifolius*) Naturalized Biennial-Perennial - Sunflower Family - (Mar-Nov) - Common. Disturbed places - Plant 16-39" tall, milky sap. Leaves 0.8-1.6" long, very narrow, waxy blue. Flowers purple.



TUMBLEWEED (*Amaranthus albus*) Naturalized Annual - Amaranth Family - (Jun-Oct) - Disturbed areas, roadsides, riverbanks, sandy places, agricultural fields - Plant upright, bushy. Stem pale. Flower clusters <= 0.6" long, at base of leaves. Flowers with 3 "petals".



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



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



FAT-HEN (*Atriplex prostrata*) Native Annual - Goosefoot Family - (Apr-Oct) - Wet places, marshes - Plant 4-48" tall, branched at base. Leaves alternate, blades 0.4-3.5" long, triangular, green, not dense-scaly underneath.



SEA BEET (*Beta vulgaris* subsp. *maritima*)
Naturalized Annual - Goosefoot Family -
(Feb-Sep) - Moist sandy places, disturbed areas -
Plant succulent. Stem < 32" tall. Leaf blades < 4"
long. Fruits fall in clusters.



PACIFIC PICKLEWEED (*Salicornia pacifica*)
Native Perennial - Goosefoot Family - (Jul-Nov) -
Salt marshes, alkaline flats - Plant 4-28" tall,
branching from base, branches opposite. Flower
clusters 0.8-3.3" long, 0.1-0.2" wide.



FLESHY RUSSIAN THISTLE (*Salsola soda*)
Naturalized Annual - Goosefoot Family -
(Jul-Oct) - Uppermost intertidal zone, saline or
muddy flats, open areas in salt marshes - Plant
6-18" tall, succulent, branched from base, not
red-stripped. INVASIVE weed.



CUT-LEAF PLANTAIN (*Plantago coronopus*)
Native Annual-Biennial - Plantain Family -
(Apr-Jul) - Coastal bluffs, salt marshes, trampled
places, chaparral, grassy flats - Leaves 1.6-10"
long, tooth-like lobes. Flower: stems 1-6, 2-20"
tall, cluster 0.8-8" long.



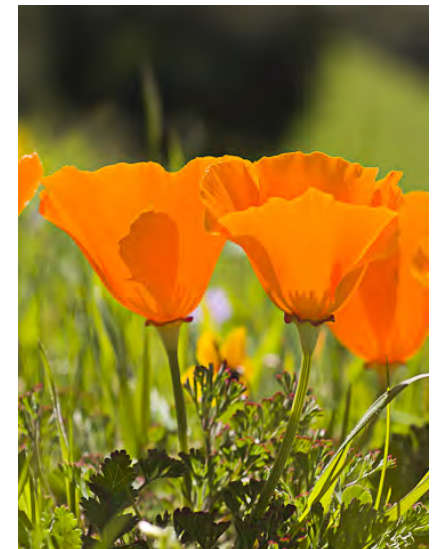
SPINY COCKLEBUR (*Xanthium spinosum*)
Native Annual - Sunflower Family - (Jul-Oct) -
Disturbed, seasonally wet, often alkaline sites, in
grassland, marshes, watercourses - Plant 4-24".
Stem node spines 0.6-1.2" long, golden, gen
3-lobed. Bur 0.4-0.5" long.



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.



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.



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.



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.



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.



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



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.**



GOLDENTHREAD (*Cuscuta pacifica* var. *pacifica*) Native Annual - Morning-glory Family - (Jul–Oct) - Gen on *Salicornia*, *Jaumea* in coastal salt marshes, tidal flats - Vine. Stem thread-like. Flowers white, ~0.2" long.



PERENNIAL PEPPERGRASS (*Lepidium latifolium*) Naturalized Perennial - Mustard Family - (Jun–Sep) - Pastures, disturbed areas, fields, grassland, saline meadows, streambanks, sagebrush scrub, edge of marshes - Plant 14-47". Petals white. **NOXIOUS.**



PROSTRATE PEPPERGRASS (*Lepidium strictum*) Naturalized Annual - Mustard Family - (Apr–Jun) - Uncommon. Disturbed areas, woodland, slopes - Stem 2.8-6.7", gen crawling. Leaves pinnately lobed. Flower cluster crowded, stalk < fruit, sepals stay.



BLACK NIGHTSHADE (*Solanum nigrum*) Naturalized Annual - Nightshade Family - (Mar-Oct) - Disturbed places - Flower 0.4" wide w/deep lobes, white. Anthers 0.08" long. Seeds 0.08". Bracts 0.08-0.12" long, not curled back in fruit.



SUBTERRANEAN CLOVER (*Trifolium subterraneum*) Naturalized Annual - Pea Family - (Mar-Apr) - Meadows, roadsides, disturbed areas - Plant hairy, creeping. Leaflets 0.4-0.6" long. Head 0.4" wide. Flowers white, 0.3-0.55" long, fruit in a bur.



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.



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.



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.



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.



BIRD'S-FOOT TREFOIL (*Lotus corniculatus*) Naturalized Perennial - Pea Family - (Jun-Sep) - Open, disturbed areas - Leaflets 5, 0.16-0.9" long. Flower cluster 3-7 flowered on 0.6-4.7" stalk. Flowers bright yellow, 0.4-0.55" long, banner often reddish.



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.



HOP CLOVER (*Trifolium campestre*) Naturalized Annual - Pea Family - (Apr-May) - Disturbed areas, roadsides - Flower heads 0.3-0.5" wide, bright yellow, brown w/age, quickly reflexing. Flowers with lengthwise ridges.



SHARP POINT FLUELLIN (*Kickxia elatine*) Naturalized Annual - Plantain Family - (Apr-Oct) - Disturbed, open places - Plant low, sticky-hairy. Some or all leaves arrow-shaped. Flowers yellow or blue, with violet upper lip; 0.3-0.6" long.



EUROPEAN SPURGE (*Euphorbia oblongata*) Naturalized Perennial - Spurge Family - (Jun-Aug) - Disturbed areas - Stem 20-32" tall, densely hairy. Leaves 1.6-2.4" long, alternate, oblong. Flower cluster umbrella-like, gland <0.1", elliptic. 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.



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



DANDELION-LEAF HAWKSBEARD (*Crepis vesicaria* subsp. *taraxacifolia*) Naturalized Annual-Biennial - Sunflower Family - (Feb-Oct) - Sandy clearings, hillsides, disturbed places - Plant 1-47" tall. Leaves dandelion-like. Fruit beak 0.1-0.2" long.



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.



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.



FLESHY JAUMEA (*Jaumea carnosa*) Native Perennial - Sunflower Family - (Apr-Dec) - Coastal salt marshes, bases of sea cliffs - Stem trailing. Leaf gen 0.6-2" long, fleshy. Flower head yellow, 0.5-0.8" long; rays 0.4-0.2" long, disks ~ 0.25" long. Aromatic.



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.



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



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.



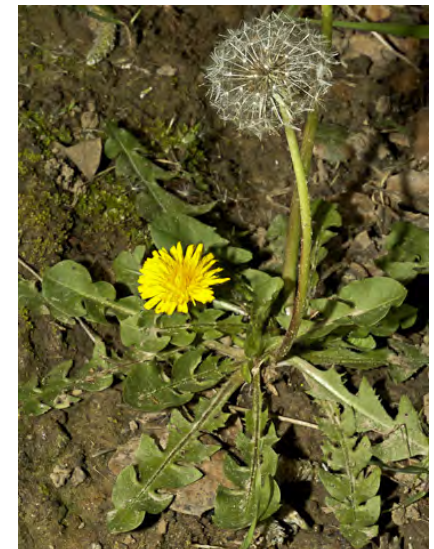
COMMON GROUNDSEL (*Senecio vulgaris*) Naturalized Annual - Sunflower Family - (Feb-Jul) - Common. Disturbed areas - Plant 4-24" tall, not hairy, w/1-10+ stems. Flower head bracts with black-tips. Milky sap.



PRICKLY SOW THISTLE (*Sonchus asper* subsp. *asper*) Naturalized Annual - Sunflower Family - (All year) - Common. Slightly moist disturbed sites, along streams - Plant 4-48". 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.



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.



BLUE BLOSSOM (*Ceanothus thyrsiflorus* var. *thyrsiflorus*) Native Perennial - Buckthorn Family - (Mar–Jun) - Bluffs, slopes, canyons, chaparral, coastal scrub, closed-cone-pine forest - Leaves alternate, 3 main veins. Twigs angled, ridged lengthwise.



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.



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.



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



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.



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.**



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.



PEPPER TREE (*Schinus molle*) Naturalized Perennial - Sumac Family - (Jun-Aug) - Washes, slopes, abandoned fields - Tree 16-60' tall. Flowers white to yellow. Leaves compound, leaflets stemless. Fruits pink to red, 0.2-0.3" diam.



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.



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.



MARSH GUMPLANT (*Grindelia stricta* var. *angustifolia*) Native Perennial - Sunflower Family - (May-Dec) - Tidal wetlands - Plant 3.3-6.6' tall, woody base, evergreen. Leaves 0.4-6" long, fleshy, not resinous. Flower rays yellow, 16-56, 0.5-0.7" long.

