



Invasive Non-Native:
Crofton Weed, Eupatory
(Ageratina adenophora)

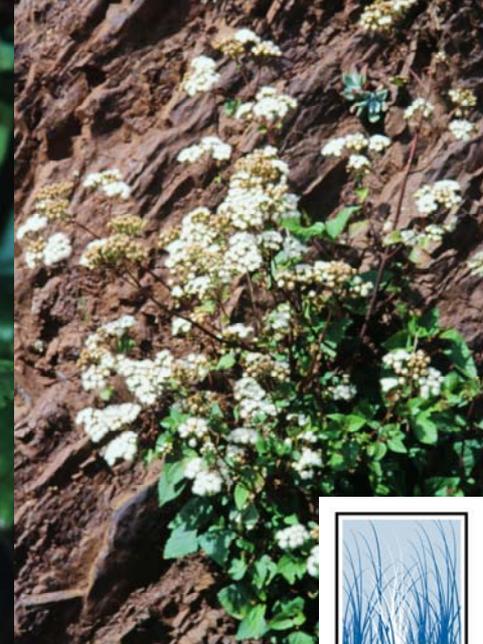
Description: perennial herb or subshrub, woody base, 2-5 ft (.6-1.5m) tall. Opposite leaves 1-4" (3-10cm). Stems: purple, glandular hairy. Flowers: composite, flower head all discoid flowers (no ray flowers) ¼" (6mm) across, clustered in groups, individual flowers 1/16-1/8" (<5mm) across, white or pink tinged.

Ecology: disturbed areas, wetland/riparian edges, canyons, hillsides.

Similar to: no common natives or non-natives. Mule-fat has discoid ray flowers, but thinner leaves.



Photos © Joe DiTomaso



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Invasive Non-Native:
French Broom
(Genista monspessulana)

Description: large, evergreen, woody shrub up to 9 feet (3m) tall.
Leaves: small < 1/2" (1cm), compound leaflets in groups of three.
Flower: small, < 1/4" (6mm), yellow, 1-2 per axil.

Ecology: occurs in a variety of habitats from disturbed to undisturbed areas, coastal scrub, oak woodlands, riparian corridors and open forests.

Similar to (see back): Spanish broom (non-native) large shrub with deciduous leaves and 1" (3cm) yellow flowers. Scotch broom (non-native) large shrub with deciduous leaves and 1" (3cm) yellow flowers. Deerweed (native) short-lived perennial < 2 ft (.6m) tall with smaller yellow-orange-red flowers.



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Spanish broom



Photos © Joe DiTomaso

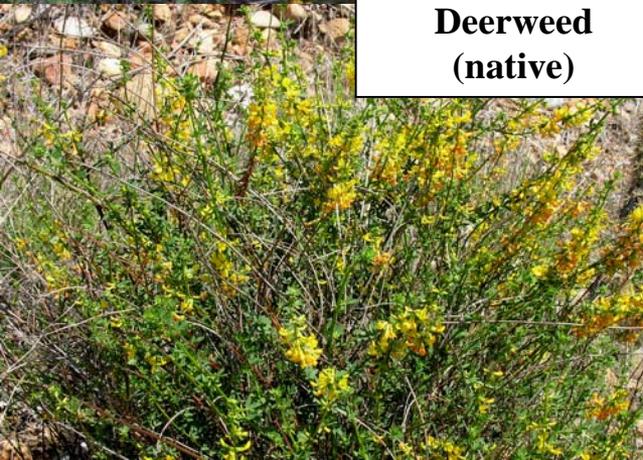
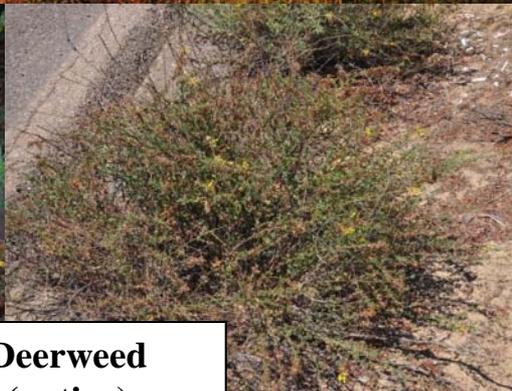
Plants **SIMILAR TO:**

French broom (*Genista monspessulana*)

Spanish broom (*Spartium junceum*): (**non-native**) deciduous shrub that can grow up to 10 ft (3m) tall. Stems: round in cross-section. Flowers: several yellow flowers per axil giving it a denser overall appearance than Scotch broom. (PLEASE MAP new locations).

Scotch broom (*Cytisus scoparius*): (**non-native**) deciduous shrub that can grow to 10 ft (3m) tall. Stems: 5-angled/star shaped in cross-section. Flowers: one-two yellow flowers per leaf axil and has a narrower appearance than Spanish broom. (PLEASE MAP new locations).

Deerweed (*Acmispon glaber*): (native) short-lived perennial that is easily distinguished from non-native brooms by its size, less than 2 ft (.6m) tall, and its yellow-orange-red flowers.



Deerweed (native)



Scotch broom



Photos © Joe DiTomaso

Invasive Non-Native: Yellowflag Iris (*Iris pseudacorus*)



Photos © Joe DiTomaso

Description: perennial, 2-5 ft (.5-1.5m) tall with flat sword-like leaves ½-1” (1-3cm) wide. Leaves are flat in cross-section with prominent mid-vein. Flower: up to 2” (5cm) across, yellow to cream colored.

Ecology: thrives in wet soils near pond margins, irrigation ditches, and wetland/riparian areas.

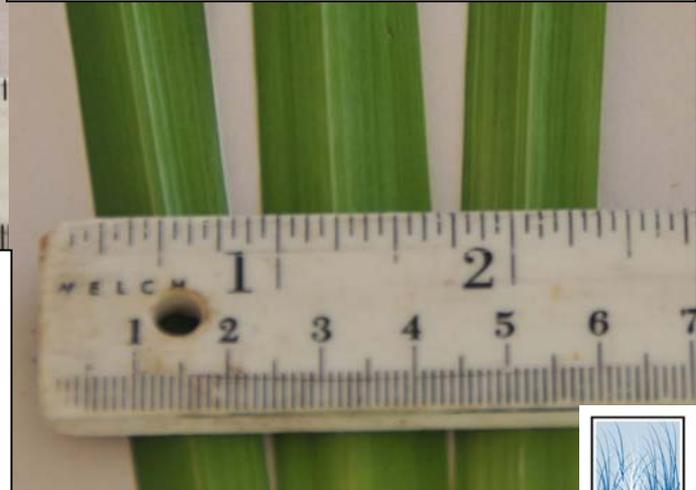
Similar to (see back): during blooming period (spring/summer), plant is distinct and stands out because of its large showy yellow flowers. During dormant period (fall/winter), often confused with cattails (native *Typha* species) or bulrushes (native *Scirpus/Schoenoplectus* species). **Cattails:** leaves < ¾” (2cm) wide and distinctly “C” shaped in cross-section. **Bulrushes:** dark green leaves < ½” (1cm) wide and triangular shaped in cross-section.



Note prominent mid-vein in leaf



Leaf cross-section showing prominent mid-vein



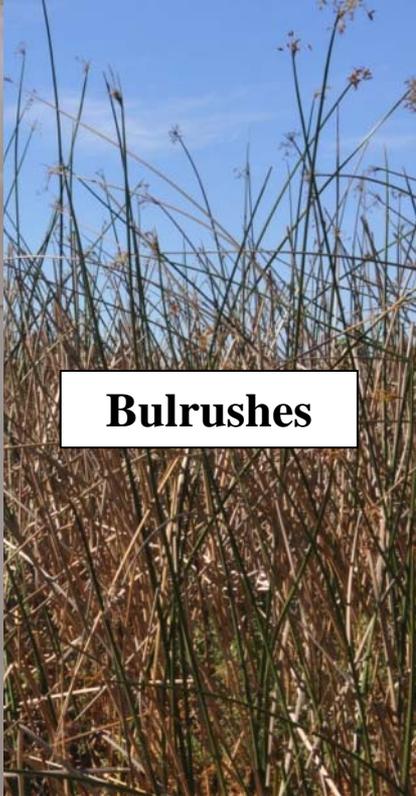
Seed pods
2-4
inches
long



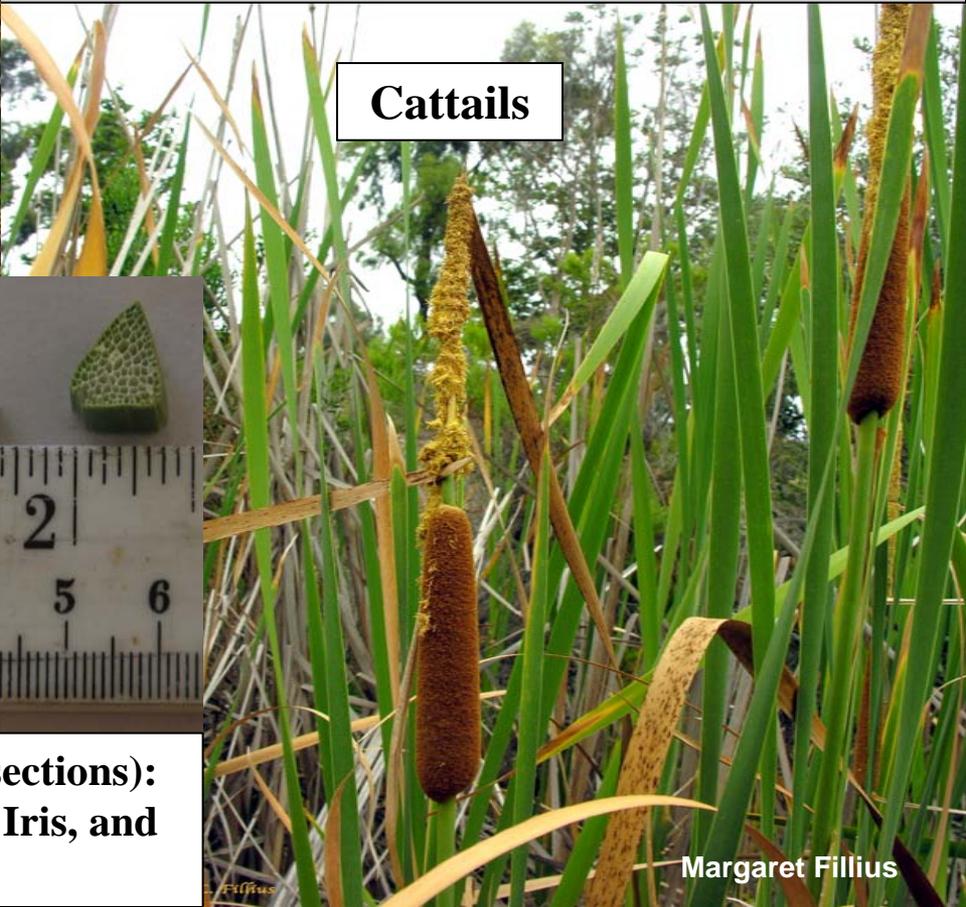
Plants **SIMILAR TO:**
Yellowflag Iris (*Iris pseudacorus*)

Cattails (*Typha spp.*): (native) in flower plant has distinct ‘corn dog’ like flower, when dormant (no flower) plants are similar to yellowflag iris but cattail leaves are generally narrower < $\frac{3}{4}$ ” (2cm) and distinctly “C” shaped in cross-section.

Bulrushes (*Scirpus* or *Schoenoplectus spp.*): (native) has similar appearance when dormant (no flower), leaves are < $\frac{1}{2}$ ” (1cm) wide, triangular in cross-section, and color is dark green.



Bulrushes



Cattails



**Left to right: Cattails,
Yellowflag Iris, and
Bulrushes**



**Left to right (cross sections):
Cattails, Yellowflag Iris, and
Bulrushes**

Invasive Non-Native:
European Sea Lavender
(*Limonium duriusculum*)



Description: perennial herb 6-12" (20-30 cm) tall in flower, lower leaves in dense rosettes ½ - 1 ½" (1-4 cm) long, 1/8 - ¼" (5-9 mm) wide, rounded. Flower: evenly distributed at branch tip, small < ¼" (7mm), pale pink.

Ecology: salt tolerant, coastal salt marsh as well as riparian habitat (even grassland & disturbed areas).

Similar to (see back): Algerian sea lavender (non-native) has narrower leaves and flowers are closer together. Perez's sea lavender (common non-native used in landscaping) is a larger species with wider, longer, bright green leaves. California sea lavender (native) has longer leaves and stouter taproot.



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SCWRP

Algerian sea lavender



Photo © Gavin Archibald

Plants **SIMILAR TO:**

European Sea Lavender (*Limonium duriusculum*)

Algerian sea lavender (*L. ramosissimum*): (**non-native**) has spoon shaped leaves and flowers are tightly clustered along inflorescence tip (see other ID sheet: PLEASE MAP).

Perez's sea lavender or statice (*L. perezii*): (common **non-native** used in landscaping) large plants with longer, wider, & bright green leaves 1½–6" (4–15 cm) long, 1–3" (2.5–7 cm) wide, large showy flower clusters.

California sea lavender (*L. californicum*): (native) overall about twice the size of Algerian SL, has larger longer leaves, blade 2–6" (5–15 cm) long, ½–2" (1.5–6 cm) wide, and very spatulate (narrow then abruptly wider). Flowers small and delicate like Algerian sea lavender, but corolla blue.



Perez's sea lavender or statice



California sea lavender (native)





Invasive Non-Native:
Algerian Sea Lavender
(*Limonium ramosissimum*)

Description: perennial herb 6-12" (20-50 cm) tall in flower, lower leaves in dense rosettes 1-4" (3-10 cm) long, ¼-¾" (7-20 mm) wide, spoon shaped, tip acute to rounded. Flower: delicate multi-branched, tight clusters. Flower: calyx (outer flower part) white < ¼" (4-6mm), corolla (inner flower part) pale pink to purple < ¼" (5-7 mm).

Ecology: salt-tolerant, coastal salt marsh as well as riparian habitat (even grassland & disturbed areas).

Similar to (see back): European sea lavender (non-native) has rounded leaves and flowers are evenly spaced. Perez's sea lavender (common non-native used in landscaping) is a larger species with wider, longer, bright green leaves. California sea lavender (native) has longer leaves and stouter taproot.





European sea lavender



Perez's sea lavender or statice



Plants **SIMILAR TO:**

Algerian Sea Lavender (*Limonium ramosissimum*)

European sea lavender (*L. duriusculum*): (**non-native**) has smaller more rounded leaves and flowers are evenly spaced along branch (see other ID sheet: PLEASE MAP).

Perez's sea lavender or statice (*L. perezii*): (common **non-native** used in landscaping) large plants with longer, wider, & bright green leaves 1½–6" (4–15 cm) long, 1–3" (2.5–7 cm) wide, large showy flower clusters.

California sea lavender (*L. californicum*): (native) overall about twice the size of Algerian sea lavender, has larger longer leaves, blade 2-6" (5–15 cm) long, ½– 2" (1.5–6 cm) wide, and very spatulate (narrow then abruptly wider). Flowers small and delicate like Algerian sea lavender, but corolla blue.



California sea lavender (native)



Invasive Non-Native:
Purple Loosestrife
(*Lythrum salicaria*)

Description: perennial herb 2-5 ft (.6-1.5m) tall. Leaf 1-5” (2.5-5cm) long, truncate at base, lanceolate to ovate. Flower: dense flower spikes, red-pink-purple each flower about ½” (1cm).

Ecology: marshes, ponds, wetlands, riparian areas.

Similar to: no similar species are commonly encountered.



Photos © Joe DiTomaso



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Invasive Non-Native:
Red Sesbania, Rattlebox
(*Sesbania punicea*)

Description: shrub to small tree that can grow up to 10 ft (3 m) tall. Leaflets: 20-34 per branch (always an even number), elliptic to elliptic-oblong. Flower: **Orange-red pea-like flowers**, 5-15 per group. Fruits: 1-3" (2.5-7 cm) long.

Ecology: wetlands/riparian areas, other moist sites, roadsides, cultivated as an ornamental plant.

Similar: looks a bit like: black locust (*Robinia pseudoacacia*), an uncommon non-native tree with white flowers and obvious spines on the stem and *Cassia occidentalis*, yellow flowered, 8 leaflets.

