

Weed Alerts 2024

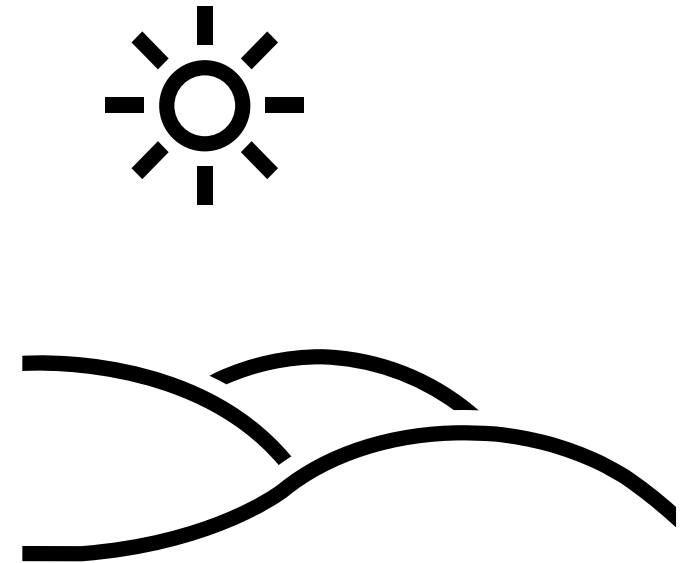
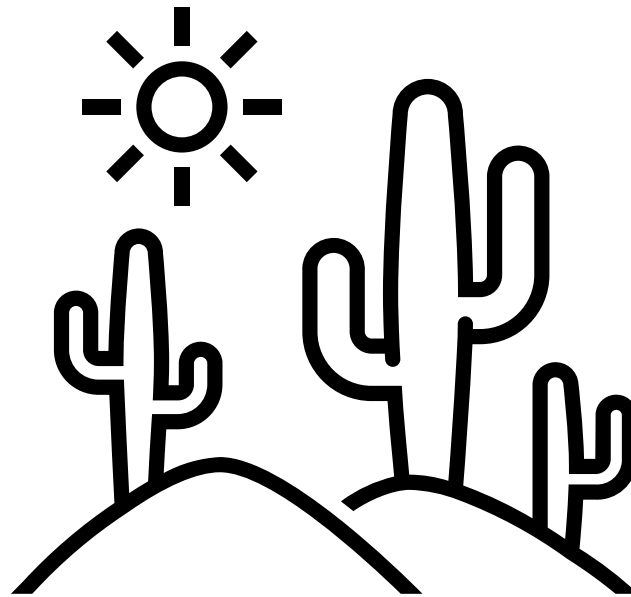
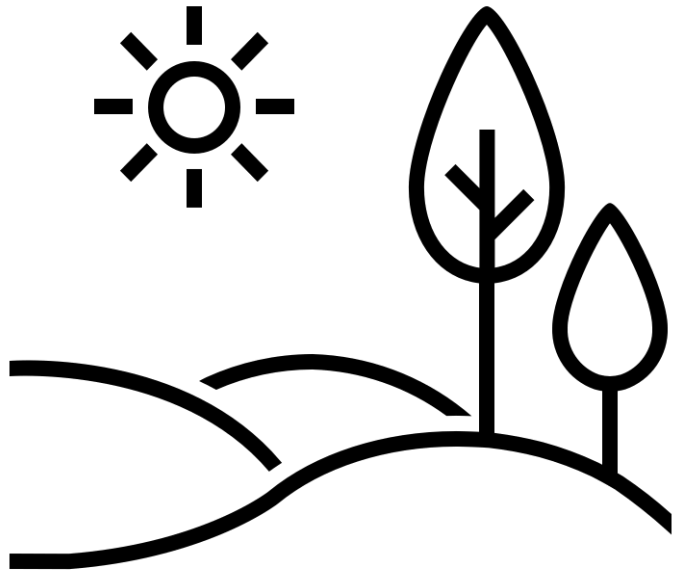
and other updates

Jutta Burger
Science Program Director
California Invasive Plant Council

Ron Vanderhoff
Species Assessments Cal-IPC, CNPS OC, Calflora



SOUTHERN CALIFORNIA & COASTAL CONCERN

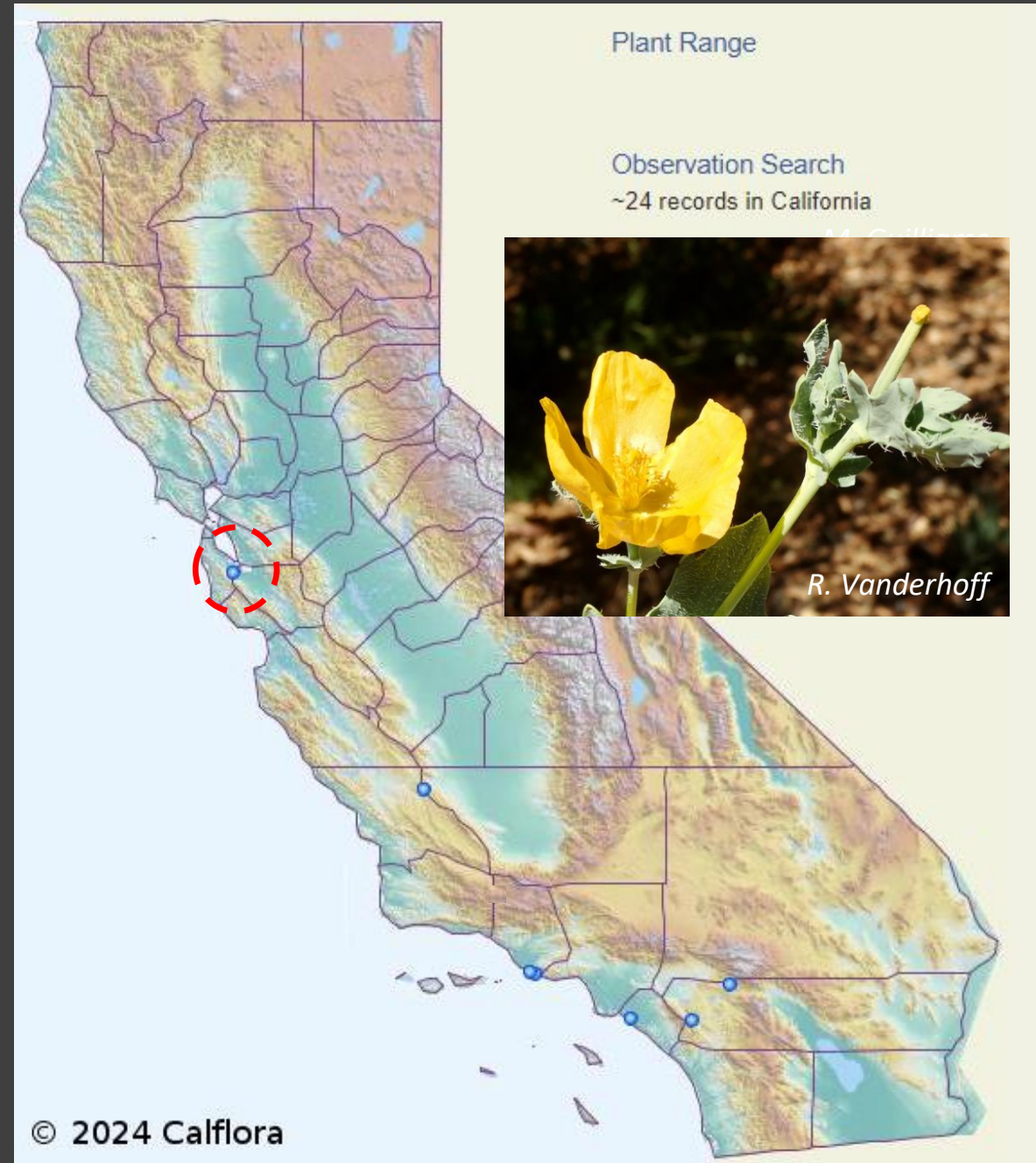


Sea poppy

Glaucium flavum (Papaveraceae)

- Native to Europe, Northern Africa, Macaronesia and Western Asia
- Horticultural; first wildlands 1914, since 2019 naturalizing in Ventura Co.
- Sandy beaches, dunes, adjacent bluffs
- All parts of the plant are toxic
- Declared invasive in some Northeastern U.S. states

California distribution data from Calflora (including iNaturalist and California Consortium of Herbaria data)



Sea poppy

Glaucium flavum (Papaveraceae)

- Herbaceous annual to short-lived perennial
- Leaves blueish/grayish, ovate, dentate, clasping; stiff-hairy.
- Summer flowering, June-Sept., mustard yellow petals
- Tap rooted

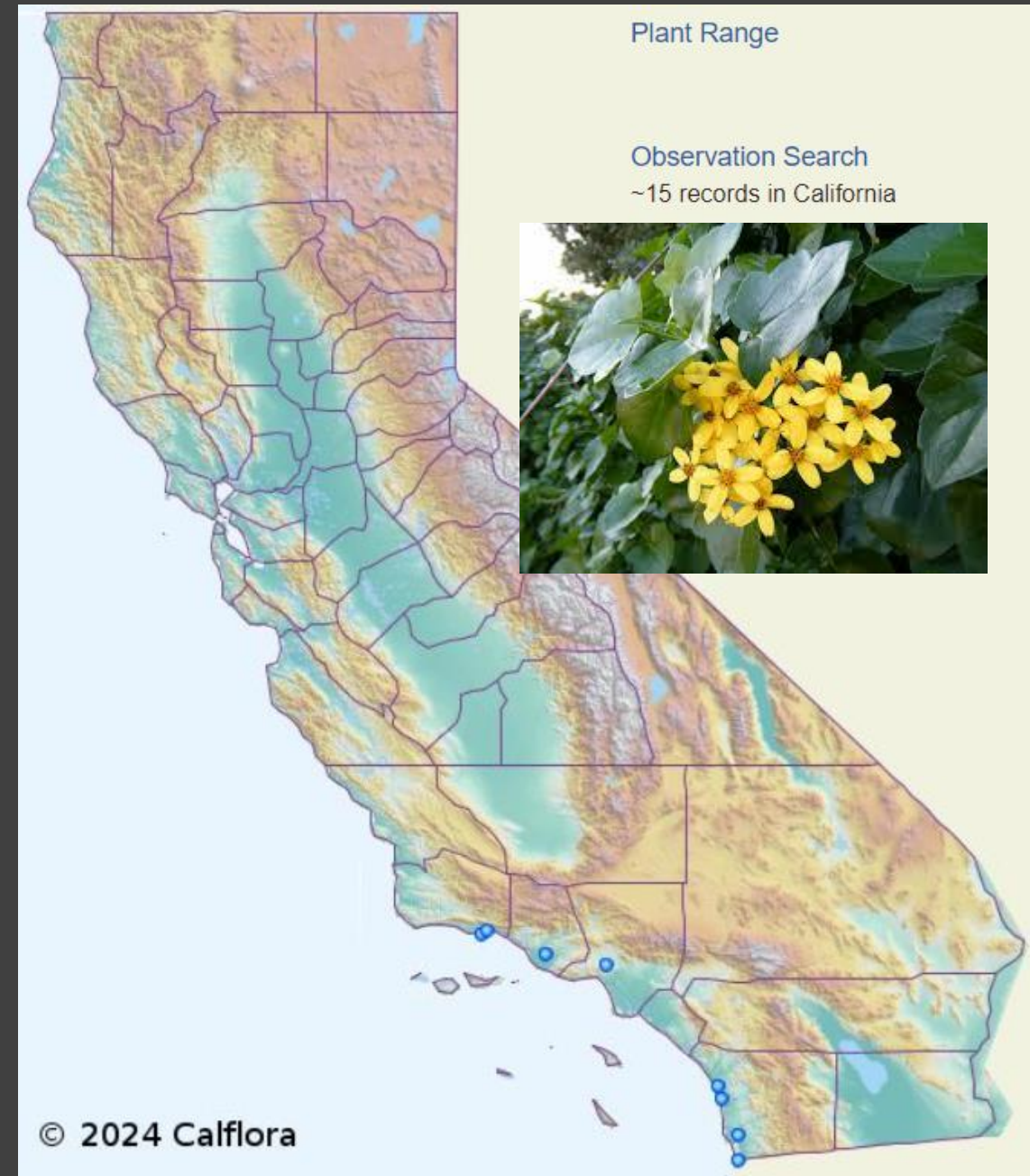


Creeping groundsel

Senecio angulatus (Asteraceae)

- Native to South Africa
- Vining, herbaceous, semi-succulent evergreen
- Frost and cold sensitive
- Similar to *Senecio tamoides* and *Delairea odorata*, which are also invasive
- Can bloom at nearly any month with moisture

California distribution data from Calflora (including iNaturalist and California Consortium of Herbaria data)



Creeping groundsel

Senecio angulatus (Asteraceae)

- Easily dispersed by wind-blown seed, stem fragments, dumped garden waste, or by runners.
- Spreading along coast from Santa Barbara to San Diego



Blue corn lily

Aristea ecklonii (Iridaceae)

- Native to West and South Africa
- Clumping, short rhizomatous, evergreen to 18in.
- April-July bloom
- Occasional horticultural
- Just added to Calflora

California distribution data from Calflora (including iNaturalist and California Consortium of Herbaria data)



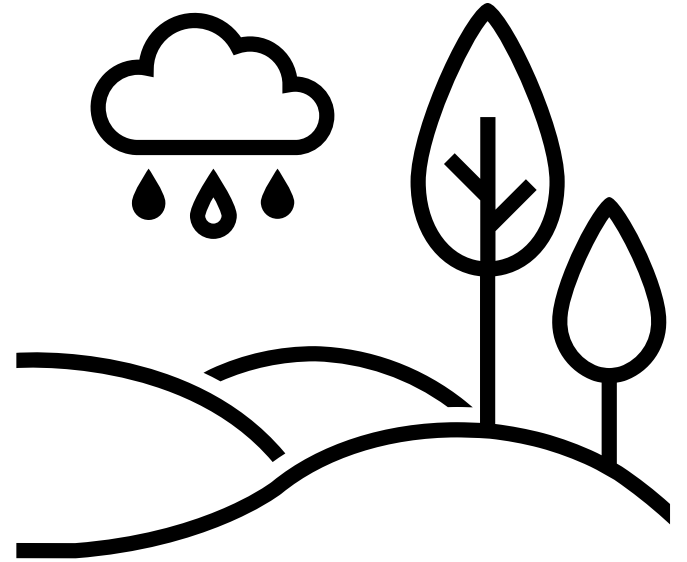
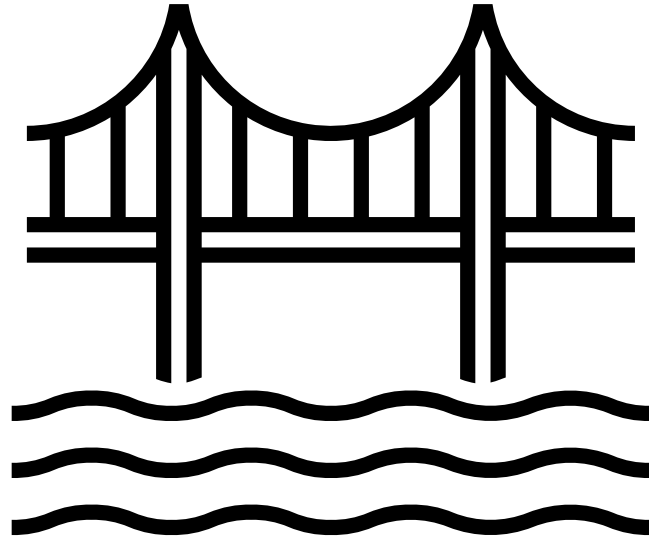
Blue corn lily

Aristea ecklonii (Iridaceae)

- Scattered, naturalized(?) in coastal NorCal
- Recently naturalized in San Diego
- Invasive in Australia, New Zealand, Sri Lanka



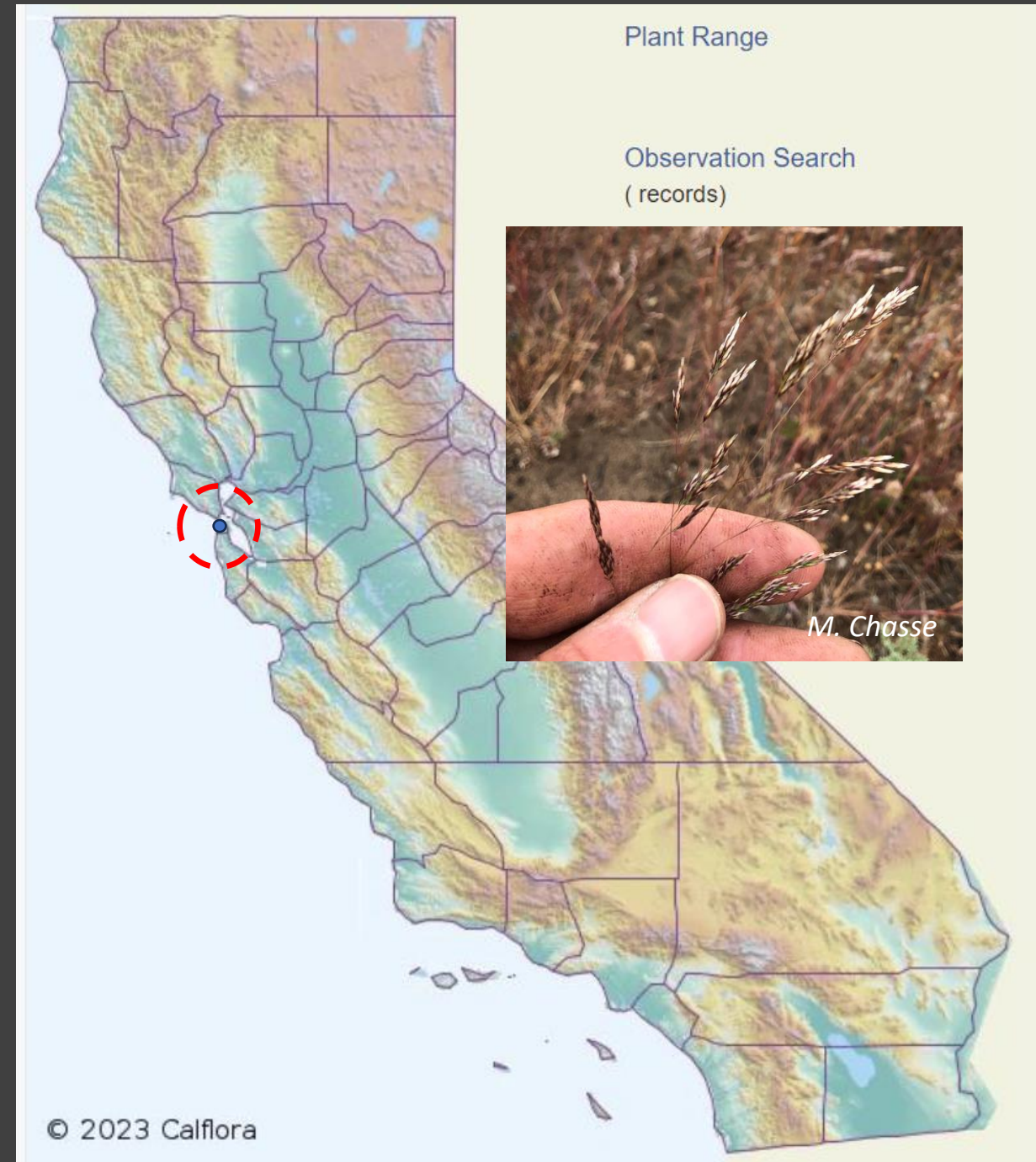
BAY AREA CONCERN



Corynephorus articulatus (Poaceae)

- Detected 2021, identified 2024
- On dune sands, Presidio of San Francisco, Golden Gate National Recreation Area
- Spreading rapidly at two restoration sites
- Likely first North American record!
- Native to the Mediterranean region into the Mideast

California distribution data from Calflora (including iNaturalist and California Consortium of Herbaria data)



Corynephorus articulatus (Poaceae)

- Annual, under 0.5 meter
- Smooth, entire leaves arranged alternately on the stem
- Grows in the subtropical biome in sand and is drought resistant
- Tolerant of salinity, alkalinity, brackish water
- Coastal, beach, dune, grassland



Photos: Michael Chasse; inset: plantnet.org

Mayten tree

Maytenus boaria (Celastraceae)

- Native to Argentina and Chile
- Has expanded quickly in CA past 20 years
- Many detections centered around S.F. Bay (recent discovery of 13 ac. stand!)
- Favors grasslands, scrub and chaparral
- Spreads by root suckers and seeds, which birds help disperse
- Currently a Cal-IPC “Watch” species

California distribution data from Calflora (including iNaturalist and California Consortium of Herbaria data)



Mayten tree

Maytenus boaria (Celastraceae)

- Evergreen, willow-like ornamental tree
- Leaves alternate, elliptical, fine serrate margins, light green color, +/- 2.5 wide and 5 cm long
- April-May flowers
- Monoecious and dioecious
- Flowers small, five free petals; male, female, or both; with nectaries
- Fruit a yellow bivalve capsule, containing one/two seeds, covered by red membrane



Julian Geoghegan



Michael Chasse

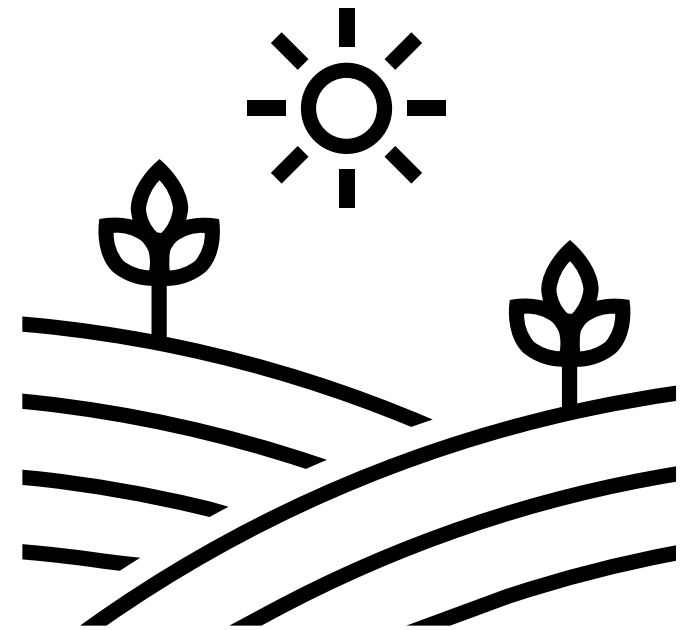
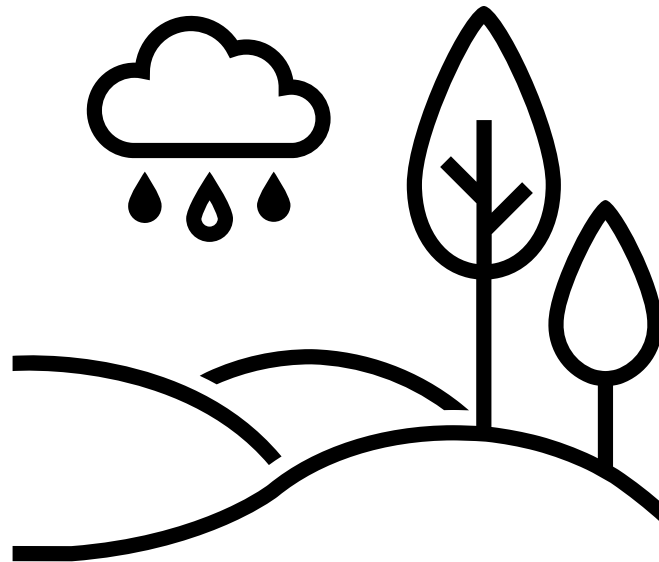


Kew Gardens



Jean Pawek; inset: Sam Abercombie

GENERAL CALIFORNIA CONCERN



Tubered bulrush

Bolboschoenus glaucus (Cyperaceae)

- Native to Mediterranean to NW India and northern Africa
- First reported in CA 1948 in rice fields
- Especially well established in Northern Sacramento Valley fields and marshes
- Similar in appearance, growth and habitat to *B. maritimus*, which it is often mistaken for
- As yet unrated by either CDFA or Cal-IPC

California distribution data from Calflora (including iNaturalist and California Consortium of Herbaria data)



Tubered bulrush

Bolboschoenus glaucus (Cyperaceae)

- In dense stands locally
- Fresh to brackish marshes, shores, wildlife refuges, rice-fields
- Hybridizes with *B. maritimus* ssp. *paludosus* forming apparent fertile hybrid swarms

B. maritimus ●

- Stigmas 2
- Fruit 2-sided
- Attached bristles 0
- Spikelets more clustered

B. glaucus ●

- Stigmas generally 3
- Fruit generally 3-sided
- Tightly attached bristles 0–6
- Most spikelets on branches



Photos: R. Vanderhoff

2024 Species Added to Cal-IPC Inventory

Scientific name	Common name	Cal-IPC Rating	CDFA Rating	Weed Alert?
<i>Asparagus setaceus</i>	Common asparagus fern	WATCH	A	
<i>Cuscuta japonica</i>	Japanese dodder	WATCH	*	
<i>Galenia pubescens</i>	Coastal Galenia	WATCH		2018
<i>Impatiens glandulifera</i>	Ornamental jewelweed	WATCH		2022
<i>Nasella trichotoma</i>	Serrated tussock grass	WATCH		
<i>Osteospermum calendulaceum</i>	Stinking Roger	WATCH	A	2022
<i>Pulicaria paludosa</i>	Spanish false fleabane	WATCH		

Three other species were reviewed for their risk of invasiveness in 2023 but with available info did not score highly enough to be included in the inventory.

They were: *Apium graveolens*, *Lathyrus tingitanus*, and *Phytolacca heterotepala*.

Cal-IPC Species in 2024 Review

Scientific name	Common name	CDFA Rating	Weed Alert?
<i>Senecio angulatus</i>	Creeping groundsel		2024
<i>Bergia capensis</i>	White water fire		2023
<i>Euphorbia bourgaeana</i>	Cypress spurge		
<i>Limonium sinuatum</i>	statice		
<i>Eragrostis echinochloidea</i>	Africa lovegrass		
<i>Melaleuca citrina</i>	Crimson bottlebrush		
<i>Carduus cinereus</i>	Turkish thistle		
<i>Iris foetidissima</i>	Stinking Iris		
<i>Urospermum picroides</i>	Prickly goldenfleece		
<i>Cutandia mephitica</i>	Memphis grass		
<i>Parapholis incurva</i>	Sickle grass		

NEW CDFA PEST RATINGS IN 2024

Scientific name	Common name	Cal-IPC Rating	CDFA Rating	Weed Alert?
<i>Carduus pycnocephalus</i>	Italian thistle	MODERATE	C	
<i>Cyperus esculentus</i>	Yellow nutsedge	Assessed	C	
<i>Cyperus rotundus</i>	Purple nutsedge		C	

These species already have noxious weed status but needed to go through CDFA's revised pest rating proposal system.

NEW AND DISTURBING SPECIES TO REPORT?

Contact us!!!

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Ron Vanderhoff invasives@occnps.org

Your local Ag. Commissioner

Your local WMA

Send close-ups, whole-plant and habitat photos

Map on Calflora or iNaturalist

Submit specimen to your local herbarium and Ag. Commissioner