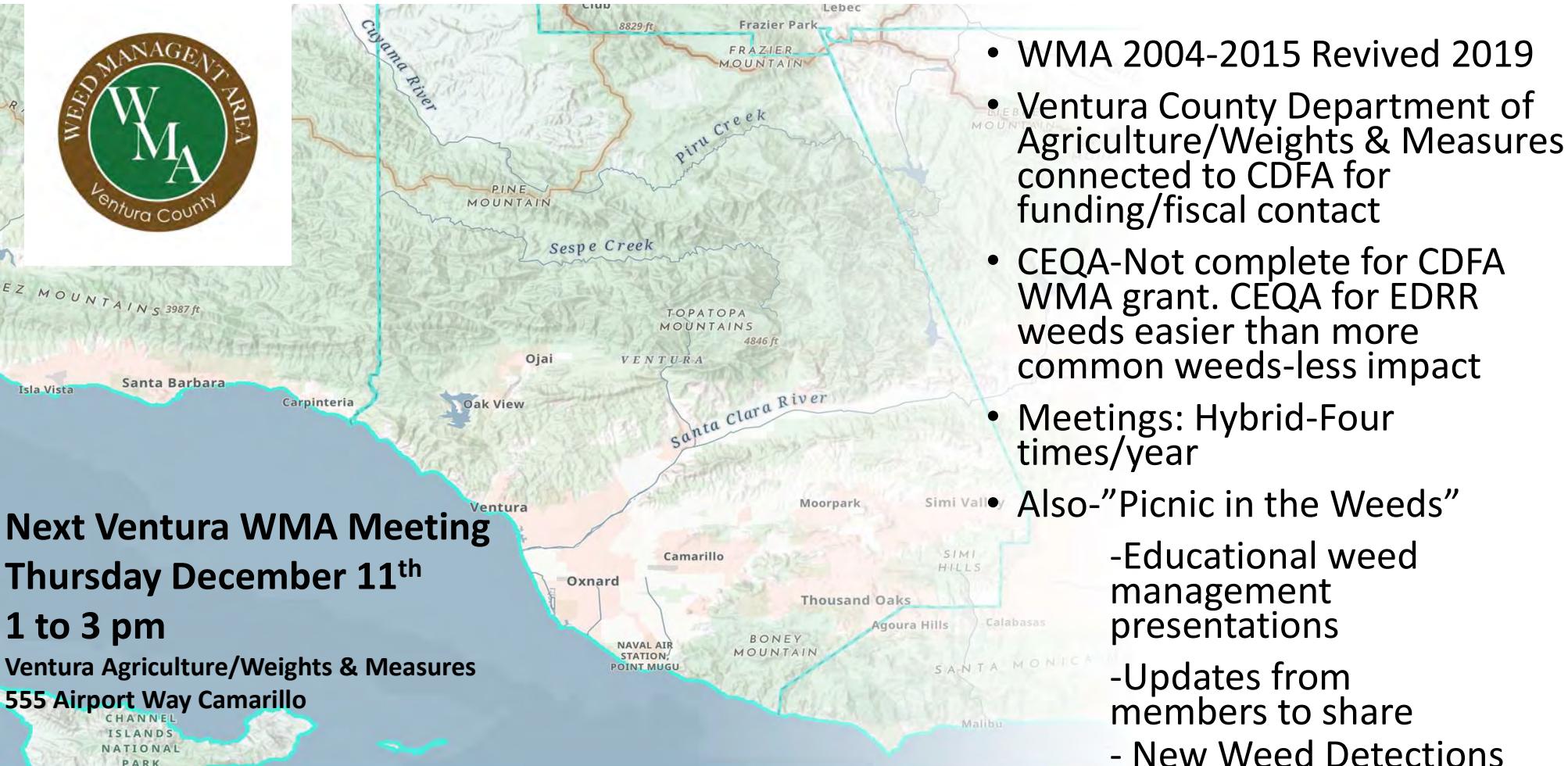




Early Detection
Rapid
Response(EDRR)
+ Education

John Regan Beall



Next Ventura WMA Meeting
Thursday December 11th
1 to 3 pm

Ventura Agriculture/Weights & Measures
555 Airport Way Camarillo

- WMA 2004-2015 Revived 2019
- Ventura County Department of Agriculture/Weights & Measures connected to CDFA for funding/fiscal contact
- CEQA-Not complete for CDFA WMA grant. CEQA for EDRR weeds easier than more common weeds-less impact
- Meetings: Hybrid-Four times/year
- Also—"Picnic in the Weeds"
 - Educational weed management presentations
 - Updates from members to share
 - New Weed Detections

Relatively Simple MOU-2014

Interested in replacing with revised standardized WMA MOU developed by CDFA (?).

Current Ventura WMA Members-signed MOU

RA Atmore and Sons Inc.
Channel Islands Restoration
UC Cooperative Extension
California Conservation Corps-Camarillo Center
Ventura County Agricultural Commissioner's Office
Friends of the Santa Clara River
Santa Clara River Conservancy
Ventura County RCD
The Crew
Ventura Land Trust
Ojai Valley Land Conservancy
US Forest Service Los Padres N.F.



CDFA/Cal-IPC South Coast (LA/Ventura)EDRR Project

CAC Regional Target	WMA Regional Target	Species	Common Name	%Qs Region	#Qs Region	#Qs LA	#Qs Ventura	CDFA Rating	Cal-IPC Rating
Containment	Containment	<i>Halogen glomeratus</i>	halogeton	4%	4	4	0	B	Moderate
Containment	Containment	<i>Linaria dalmatica</i>	dalmatian toadflax	4%	5	3	5	W	Moderate
Containment	Containment	<i>Onopordum acanthium</i>	Scotch thistle	6%	7	0	7	W	High
Containment	Containment	<i>Centaurea maculosa</i>	spotted knapweed	10%	11	6	7	W	High
Containment	Containment	<i>Pancratium maritimum</i>	sea daisy	1%	1	0	1	-	-
Containment	Control	<i>Alternanthera philoxeroides</i>	alligatorweed	9%	10	9	1	A	High
Containment	Control	<i>Aegilops cylindrica</i>	goat grass	2%	2	1	1	W	Watch
Containment	Control	<i>Carthamus lanatus</i>	woolly distaff thistle	2%	2	2	0	W	High
Containment	Control	<i>Chondrilla juncea</i>	skeleton weed	7%	8	6	3	W	Moderate
Control	Control	<i>Araujia sericifera</i>	bladderflower	2%	2	0	2	W	Watch
Control	Control	<i>Acroptilon repens</i>	Russian knapweed	23%	26	11	18	W	Moderate
Control	Control	<i>Centaurea solstitialis</i>	yellow starthistle	54%	61	31	41	W	High
Control	Control	<i>Arundo donax</i>	giant reed	58%	66	48	26	W	High
Control	Control	<i>Spartium junceum</i>	Spanish broom	60%	68	53	25	W	High
Control	Partial Control	<i>Euphorbia terracina</i>	carnation spurge	22%	25	19	9	W	Limited
Control	Partial Control	<i>Ricinus communis</i>	castor bean	48%	55	39	22	-	Limited
	Control	<i>Delairea odorata</i>	Cape-ivy	24%	27	19	10	W	High
	Partial Control	<i>Tamarix aphylla</i>	athel	14%	16	14	8	B	Limited
	Partial Control	<i>Ailanthus altissima</i>	tree-of-heaven	59%	67	50	24	C-W	Moderate
	Partial Control	<i>Salsola tragus</i>	Russian thistle	83%	95	73	32	C-W	Limited
	Partial Control	<i>Tamarix parviflora</i>	smallflower tamarisk	14%	16	8	11	W	High
	Partial Control	<i>Cytisus scoparius</i>	Scotch broom	18%	21	11	15	W	High
	Partial Control	<i>Lepidium chalepense</i>	lens-podded hoary cress	19%	22	15	9	W	Moderate

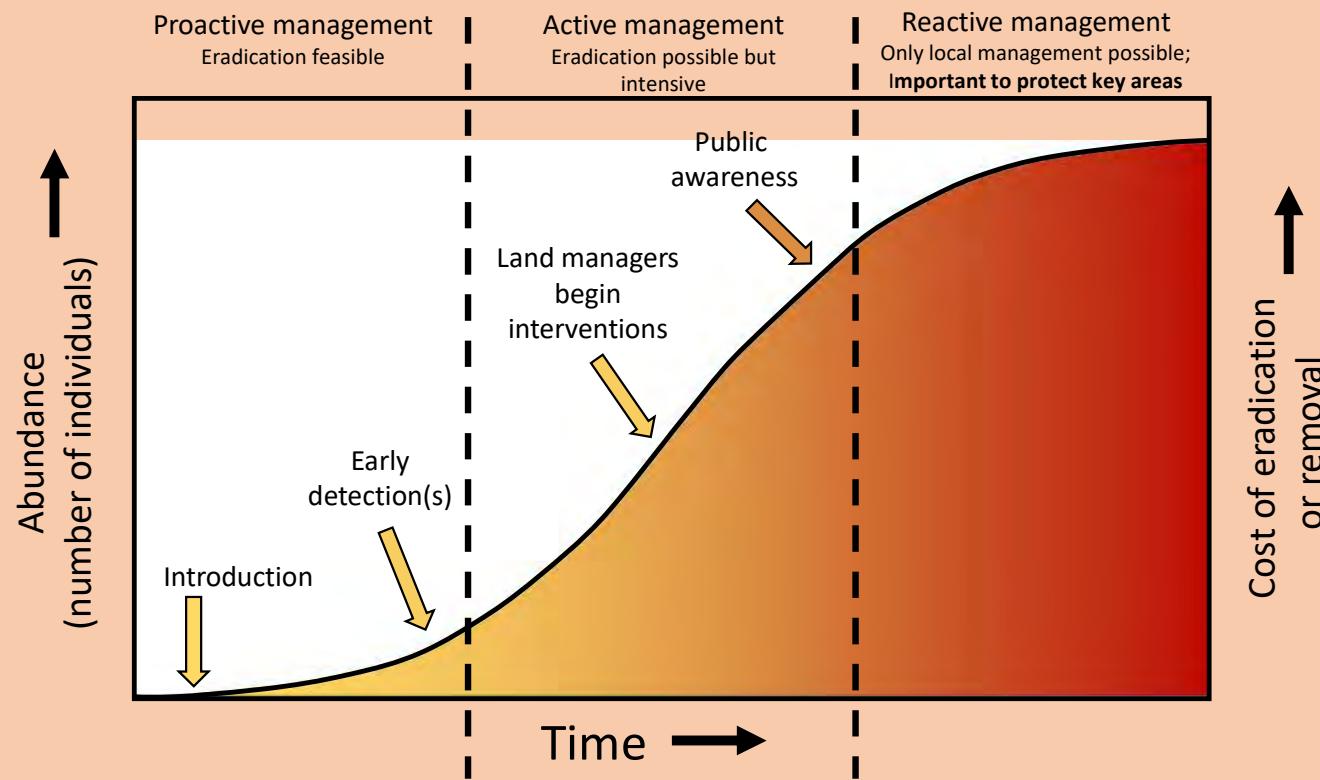


EDRR

Priority Species

- Scotch Thistle *Onopordum acanthium* CDFA A rated- One Location-1/8th acre-**Private Landowner**
- Spotted Knapweed *Centaurea stoebe* CDFA A rated-Two Locations-1/100th acre (**Not found 2025**) **USFS-Los Padres-Large infestation at Pine Mountain Club-Kern Co.-**
- Dalmatian Toadflax *Linaria dalmatica* CDFA A rated-One large Area-**Hungry Valley SVRA/2 LPNF**
- Sea Daisy *Pancratium maritimum* CDFA Q rated-Three Locations 1/8th acre **CA State Parks**
- Creeping groundsel *Senecio angulatus* CDFA Q rated-One Location-1/8th acre **Private Landowner**
- Tropical Pokeweed *Phytolacca icosandra* CDFA Q rated-Three Locations 1/8th acre **Private Landowners**
- Horned Poppy *Glaucium flavum* CDFA Q rated-5-10 small locations 1/8th acre **CA State Parks**
- Globe Chamomile *Oncosiphon piluliferum* CDFA Q rated-Many Locations-1/2 acre+ **Private Landowers/other**
- Skeletonweed *Chondrilla juncea* CDFA 4500 Noxious Weed-One Locations-1/2-acre-**Santa Monica NRA**

Priority EDRR weeds are determined by CDFA rating, area, number of locations and likelihood of eradication or containment (to limit spread). Priority ranking of each EDRR weed may change year to year as more locations are mapped or new CDFA “A” or “Q” rated weeds are found.



Citizen Science has a long history

Science conducted all or in part by nonprofessional scientists

- Can Involve:**
 - Data collection**
 - Data processing**
 - Analysis**
 - Advocacy and policy work**



Using iNaturalist to find new invasives:



We **encourage the use of iNaturalist** plant observations by the public. It acts as a net for finding new and uncommon invasive species. We **created an iNaturalist Project** for capturing CDFA "A" rated weeds. New/"Q" rated weeds are also found.



WMA members verify finds (online and in the field) then move observations to Calflora.



Continuous Mapping verified finds helps us prioritize invasives for eradication or containment.

Using iNaturalist

There are many ways to engage with iNaturalist:



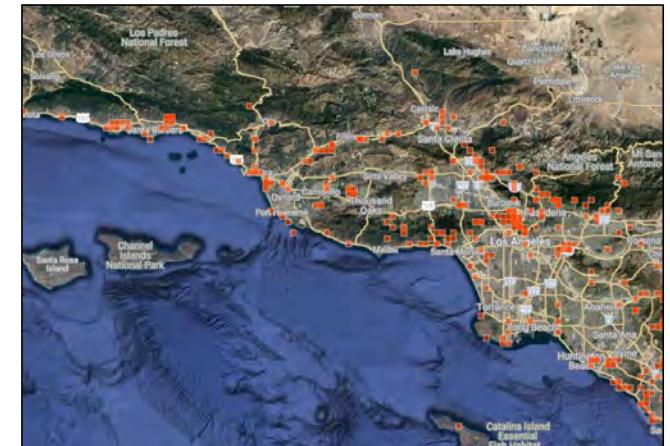
Adding your own
observations

Easiest via phone apps
(but doable on website)



Confirming IDs for
others

Done on website



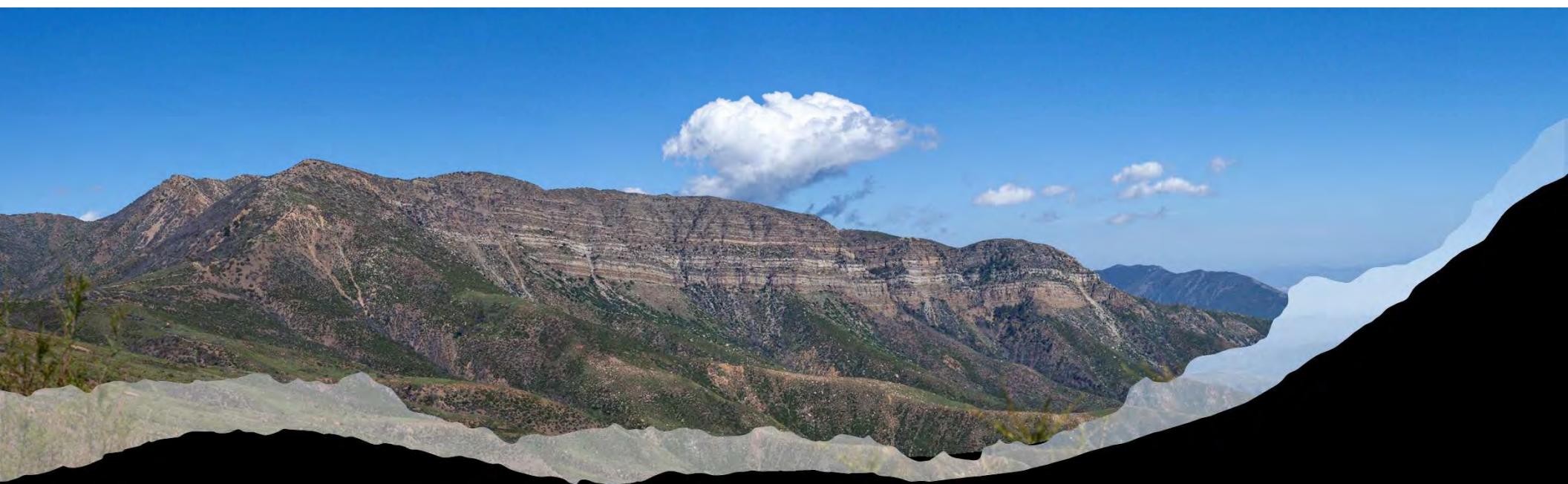
Using the data manager
plants-native & non-native

Done on website

Tips for collecting observations using phone camera:

- Add multiple photos
 - From different angles
 - Of different parts-include flowers and fruits
 - Take a “habitat” photo – the organism “in context”
 - Take 1 good shot of whole plant with no other plants
- Take good in-focus photos-if bad delete-retake
- Mark landscape/cultivated organisms
- Stay at Genus level if not sure (Eriogonum, etc.)
- Other iNaturalist folks make ID corrections-no hard feelings
- Don't forget to upload when you get home





Ventura County WMA partners collaborate in the removal of EDRR Weeds
We notify each other of finds and support each other with
survey/mapping, getting funding and doing the work.
The CDFA EDRR Grant will pay for a contractor to do EDRR removal.



Join California State Parks and Ventura County WMA for a...

PANCRATIUM PULL!



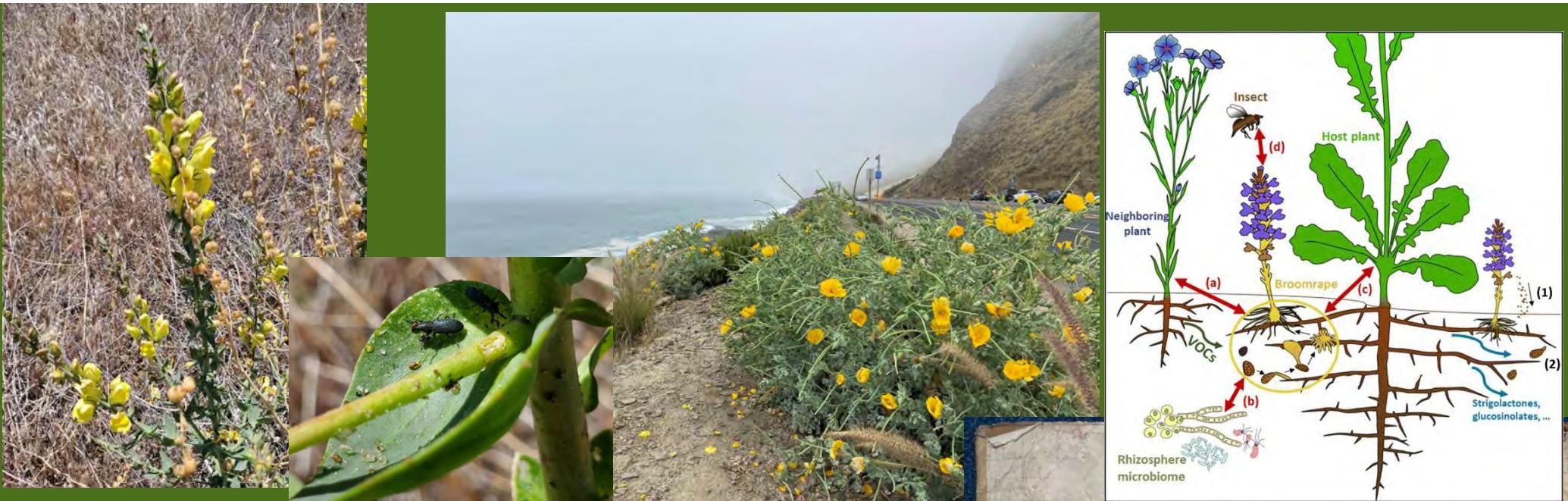
JOIN US IN
DIGGING OUT
PANCRATIUM
MARITIMUM
WEEDS WHILE
ENJOYING THE
COASTAL VIEWS!

OCTOBER 21, 2025 | 1:00 - 3:00 PM
SAN BUENAVENTURA STATE BEACH

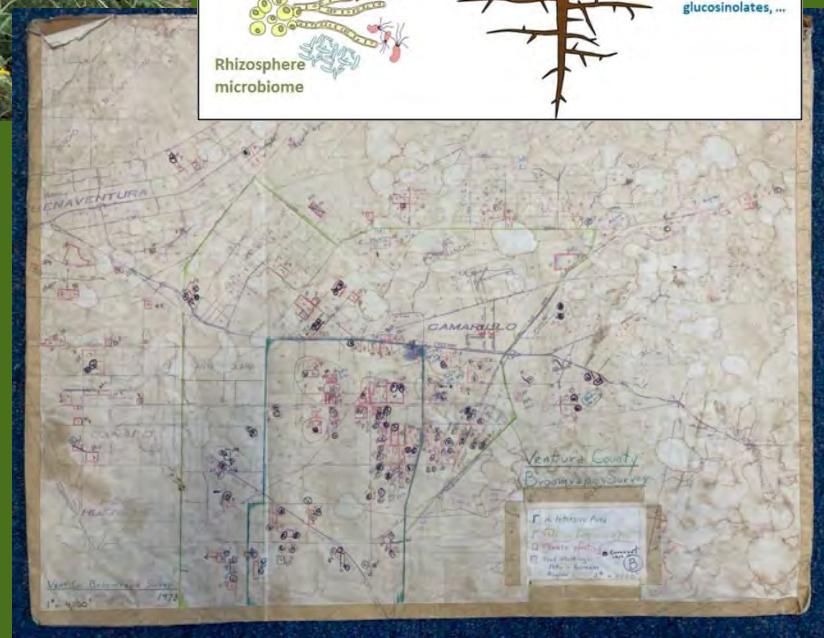
Email Brittney Sheets at Brittney.Sheets@parks.ca.gov to secure
your spot. Participation is limited.

All tools provided. Please bring water and sun protection.

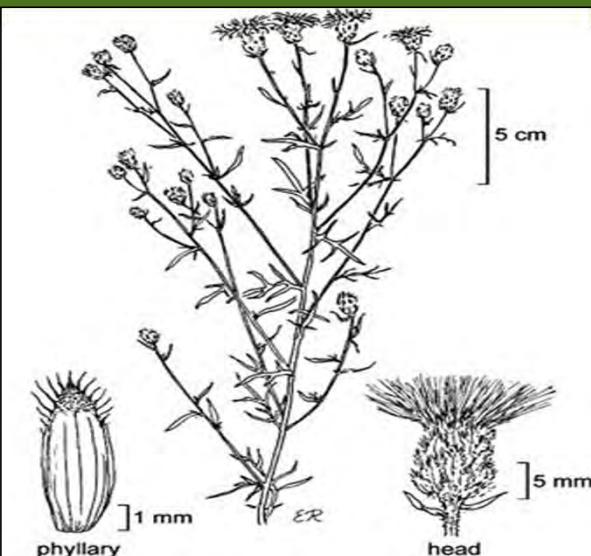




Some EDRR Species in Ventura County



Spotted knapweed- *Centaurea stoebe*



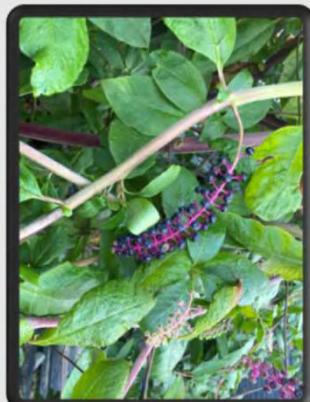
Creeping Groundsel *Senecio angulatus*



- *USDA Weed Risk Assessment 2013*
- “*Senecio angulatus* is native to South Africa has demonstrated an ability to escape, naturalize, and spread in several other countries”

Tropical Pokeweed *Phytolacca icosandra*

- Seeds are closer in proximity to one another
- Seeds display erect from plants
- Green Stems
- Hardier stems



American Pokeweed *Phytolacca americana*

- Seeds are spaced out in proximity to one another
- Seeds hang/droop from plants
- Pink/Magenta stems
- Less hardy in stems



Stinknet- *Oncosiphon* *pilulifer*



Initial Sighting

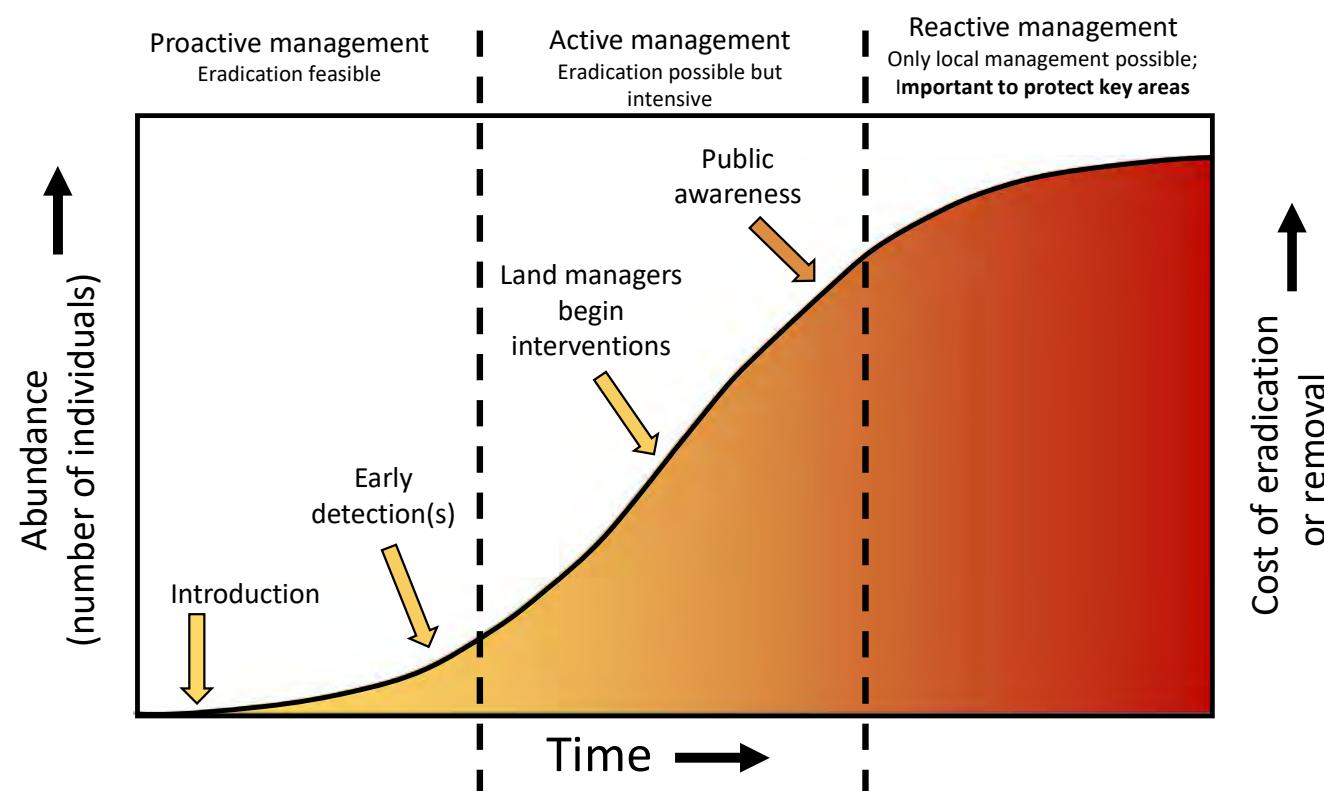
- Stinknet discovered in a mulch pile in Moorpark
- One of few sightings in Ventura County



Mulch pile has been quarantined after discovery
Plants treated and nursery surveyed

Management of more common Invasive Weeds

- CDFA WMA Grant-
- Arundo rapid response after fire**
- Grazing
- Mowing
- Biocontrol
- Herbicide
- Other Methods





Russian Knapweed *Rhaponticum repens*



Photo by ronvanderhoff, seen in Southern California in 2019

Carnation Spurge *Euphorbia terracina*



Education

**Invasive species are a
major threat to biodiversity, agriculture and fire safety**



The worst invaders take over, pushing out native species and degrading habitat.



WMA Wildflower & Weed Show (with CNPS Plant Sale)

**Stop to see & smell the flowers
Learn about native plants in Ventura County
Then-Protect & Restore!**





Fifth Wildflower & Weed Show Saturday April 11th 2026 Santa Paula





- **Next Ventura WMA Meeting**
Thursday December 11th

- **1 to 3 pm**

Ventura Agriculture/Weights & Measures
555 Airport Way Camarillo
john.beall@venturacounty.gov