

Orange County Emergent Invasive Plant Program

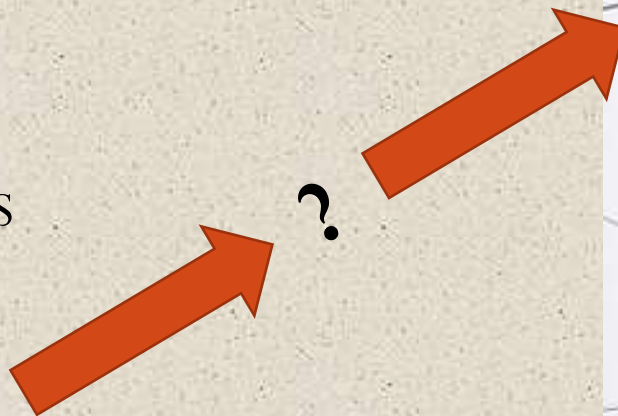
Successes, Failures ... and Lessons Learned



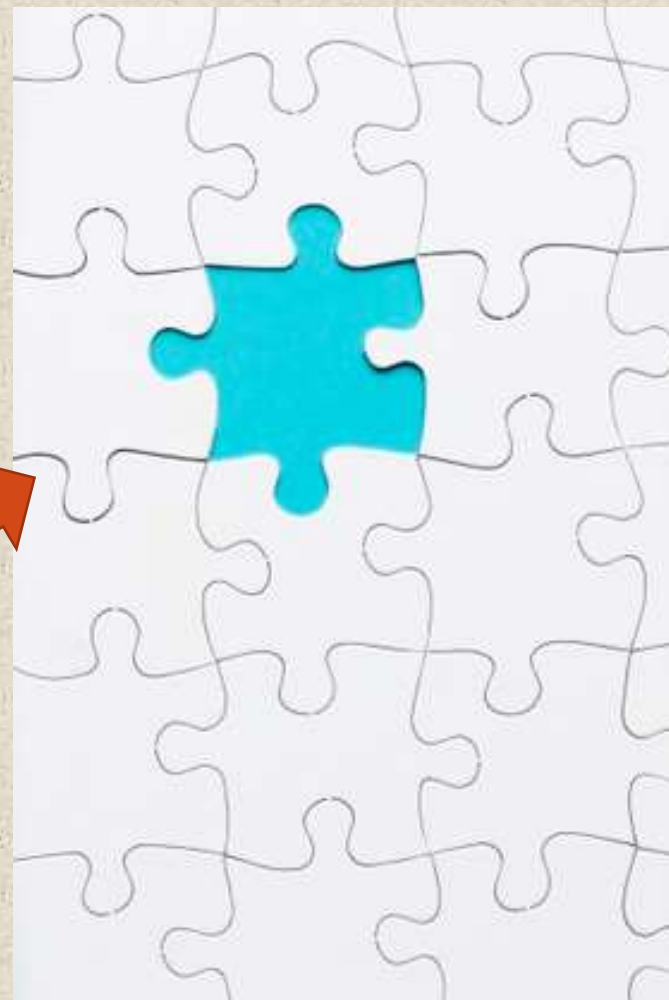
Our Niche? `

- Expert knowledge of Orange County plants
- Unencumbered by boundaries, jurisdictions or procedural constraints
- Existing organizational structure
- Existing partnerships with land managers & agencies
- Large body of members and volunteers
- Ability to act quickly

Orange County CNPS



Invasive Plants in Orange Co.



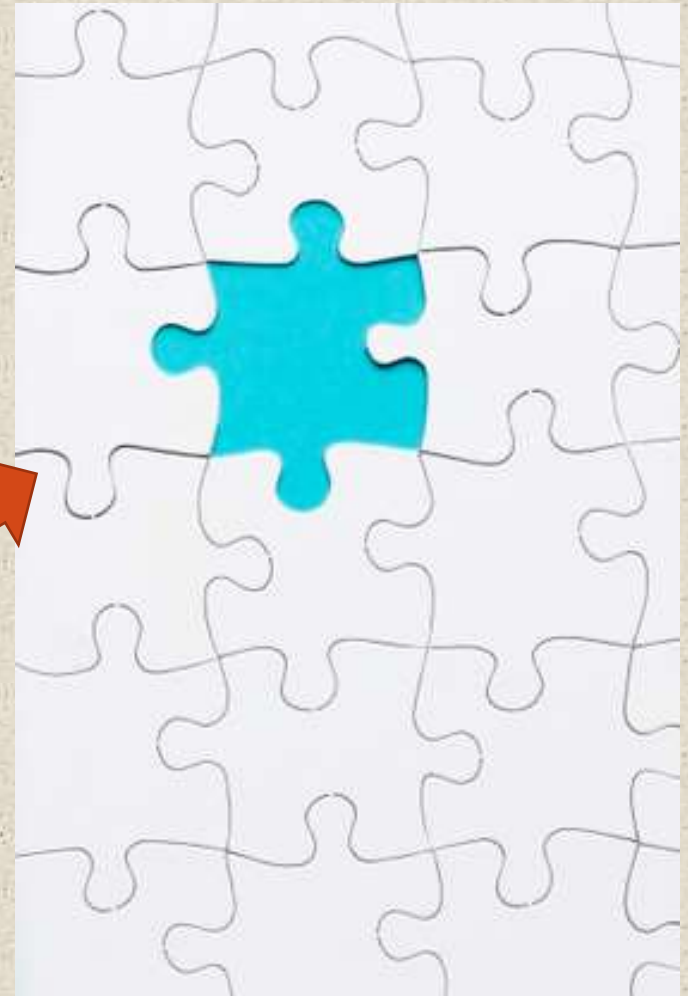
Our Niche? `

- No money
- Volunteer driven
- Advice, but no authority
- Challenges dealing with jurisdictions

Orange County CNPS



Invasive Plants in Orange Co.

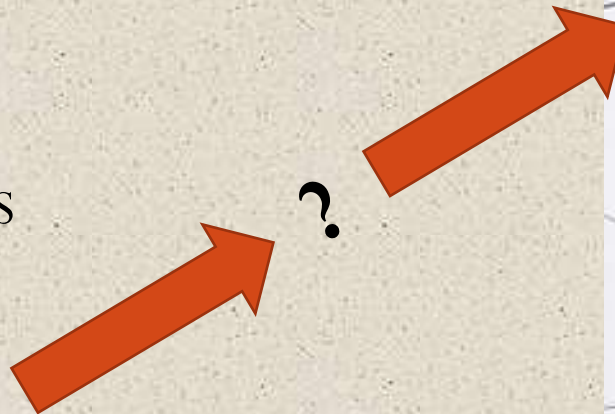


Our Niche? `

- ✓ Our strengths
- ✓ Our limitations

Where do we fit?

Orange County CNPS



Invasive Plants in Orange Co.



Our Niche? `

The early detection and facilitation of effective management of specific emergent invasive weeds

Orange County CNPS



?

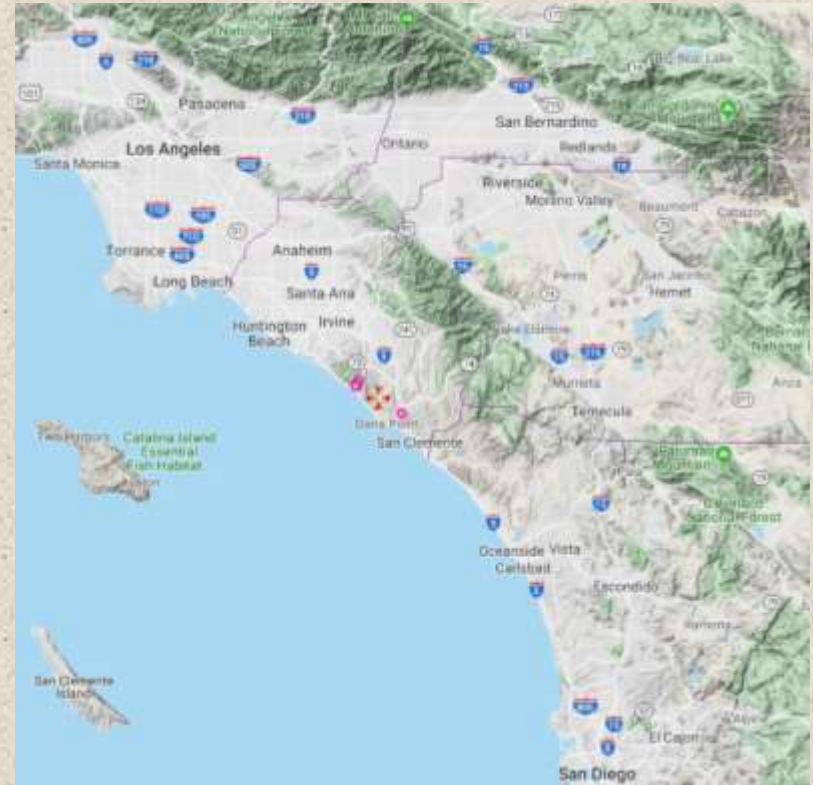


Invasive Plants in Orange Co.



What is an Emergent Invasive Plant?

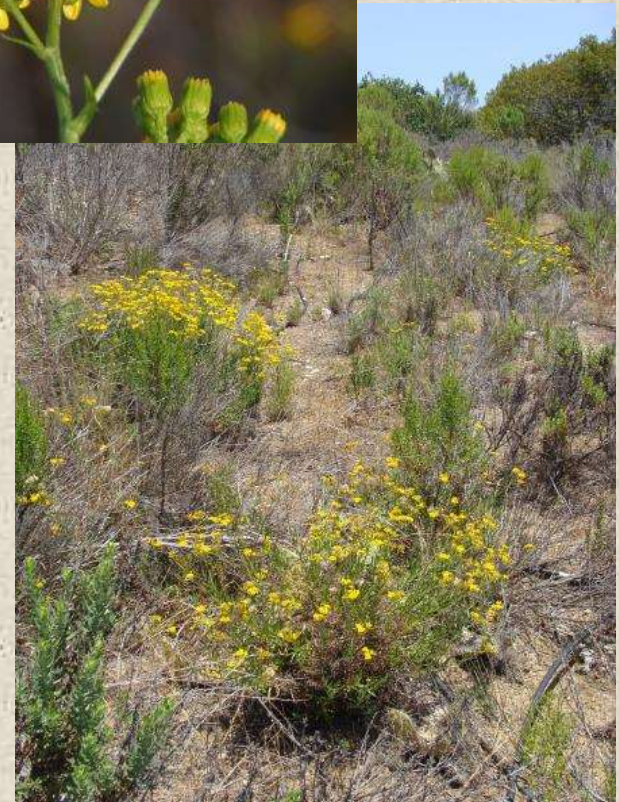
- Newly arrived in the region or of limited distribution
- High potential for invasiveness
- High probability of significant ecological disruption



Calflora, Hypericum canariense

Prioritize the Emergent Invasive Plants In Orange County

- Must be emergent
- Candidates suggested
- Data – driven review process, using scoring
- A dynamic list
- Published annually



Senecio linearifolius var. *linearifolius*

Scoring Protocol:

- Abundance
- Distribution
- Ecological Impact
- Rate of Spread
- Variables:
 - Cal-IPC ranking/alert
 - ID difficulty

Scientific Name	Source	OC/CNPS Emergent List	Current Abundance and Distribution				Ecological Impact Ability to Invasively Native Habitat Ranking	Rate of spread Reproduction Rate and Dispersal Ranking	Modifiers			Final Score
			# OC Plots	Abund. Ranking	Known OC Obs.	Distribution Ranking			New Ranking	Cal-IPC Ranking/Alert	ID Difficulty	
<i>Asplenium trichomanes</i>	Starv Ranch	Candidate	2	5	1	5	5	5	5	5	0	5.00
<i>Chenopodium graveolens</i>	Local knowledge	2025	4	5	2	5	5	5	5	5	0	5.00
<i>Eragrostis hexapetala</i>	Local knowledge	2025	2	5	2	5	5	5	5	5	0	5.00
<i>Viola subsp. sp.</i>	Local knowledge	2025	2	5	1	5	5	5	5	5	0	5.00
<i>Hypericum canescens</i>	Local knowledge	2025	3	5	1	5	5	5	5	5	0	5.25
<i>Euphorbia tirucalli</i>	SD Emergent	Candidate	2	5	1	5	2	2	2	5	0	5.50
<i>Geranium pulchellum</i>	SD Emergent	Candidate	2	5	1	5	2	2	2	5	0	5.50
<i>Centaurea solstitialis</i>	Local knowledge	2025	22	5	10	2	5	5	2	5	0	5.75
<i>Geranium subseriale</i>	Local knowledge	2025	24	5	2	2	5	5	2	5	0	5.75
<i>Cephaelis anthracina</i>	Local knowledge	2025	22	5	2	2	5	5	2	5	0	5.75
<i>Asplenium platyneuron</i>	Local knowledge	2025	20	2	4	5	5	2	2	5	0	5.00
<i>Bromelia humilis</i>	Local knowledge	2025	25	5	10	5	5	5	2	5	0	5.00
<i>Erigeron annuus</i>	Local knowledge	2025	8	2	6	2	2	2	2	5	0	5.00
<i>Cynodon dactylon</i>	Test	Candidate	4	5	1	5	5	5	5	5	0	5.00
<i>Veronica filiformis</i>	Test	Candidate	8	2	6	2	2	2	2	5	0	5.00
<i>Rubus arvensis</i>	Local knowledge	2025	8	2	1	5	5	5	5	5	0	5.25
<i>Agrostis adspersa</i>	Test	Candidate	5	5	2	5	5	2	5	5	0	5.25
<i>Chenopodium polidifolium</i>	Test	Candidate	4	5	4	5	2	2	5	5	0	5.25
<i>Abutilon striatum</i>	Test	Candidate	2	5	1	5	5	2	5	5	0	5.25
<i>Chenopodium murale</i>	Local knowledge	2025	2	5	1	5	2	2	2	5	0	5.50
<i>Asplenium septentrionale</i>	Test	Candidate	8	2	6	5	2	5	2	5	0	5.50
<i>Cynodon dactylon</i>	Test	Candidate	2	5	1	5	2	2	2	5	0	5.50
<i>Physalis peruviana</i>	Test	Candidate	2	5	1	5	2	2	2	5	0	5.50
<i>Sonchus oleraceus</i>	Test	Candidate	2	5	2	5	2	2	2	5	1	5.50
<i>Imperata cylindrica</i>	SD Emergent	Candidate	2	5	1	5	2	2	2	5	0	5.50
<i>Cynodon dactylon</i>	Local knowledge	2025	7	2	5	5	2	2	2	5	0	5.75
<i>Eragrostis hexapetala</i>	Local knowledge	2025	4	2	4	5	2	2	2	5	0	5.75
<i>Geranium subseriale</i>	Local knowledge	2025	9	2	2	5	2	2	2	5	0	5.75
<i>Chenopodium murale</i>	Test	Candidate	2	5	2	5	2	2	2	5	0	5.75
<i>Erigeron annuus</i>	Local knowledge	2025	2	2	5	5	5	2	2	5	0	5.00
<i>Chenopodium murale</i>	Local knowledge	2025	4	5	2	5	5	5	5	5	0	5.00
<i>Rubus arvensis</i>	Local knowledge	2025	6	2	2	2	2	2	2	5	0	5.00
<i>Cynodon dactylon</i>	SD Emergent	Candidate	5	5	0	5	5	5	5	5	0	5.00
<i>Rubus arvensis</i>	Local knowledge	2025	2	5	1	5	2	2	2	5	0	5.50
<i>Cynodon dactylon</i>	Test	Candidate	22	5	6	2	2	5	5	5	0	5.50

A data driven score - using objective measurements

Knowledge Base:

- Published data
 - Cal-IPC scores
 - Online data
- Other unpublished data
- Local knowledge
 - Land managers
 - Biologists
 - Active field experts



What we Did:

- Established a Committee

Invasive Plant Committee

- Ron Vanderhoff, co-chair, OC CNPS
- Josie Bennett, co-chair, Laguna Canyon Foundation
- Celia Kutcher, OC CNPS Conservation Chair
- Dave Pryor, CA State Parks
- Dan Songster, OC CNPS
- Matt Major, OC Parks
- Erin Andreatta, Irvine Ranch Conservancy
- Joan Miller, South Coast Wilderness Area
- Bob Huttar, OC CNPS
- Thea Gavin, OC CNPS

What we Did:

- Established a Committee
- Created a Website

Website

Current Emergent Species

Retired Emergent Species

Watch List Species

Downloadable Plant Profiles

Picture & ID Resources

Reporting Protocols

Status & Distribution


Program Overview

Updates and Invasive News

What is EDRR

Links and Resources

Training Program



[Sitemap](#)[f](#)


















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OCCNPS' Emergent Invasives List

Written by Administrator

The species outlined in **red** are current **OCCNPS' RED ALERT Emergent Invasives**.

All on this list are prime candidates for **Early Detection and Rapid Response** action. Click on a name for more information and Plant Profile that can be printed out for field use. Watch for these weeds as you visit OC's wildlands, and report any that you see to invasives@occnps.org, following the instructions in [Reporting an Invasive Plant](#).

 <div><i>Aegilops triuncialis</i> BARBED GOATGRASS</div>	 <div><i>Dittrichia graveolens</i> STINKWORT</div>	 <div><i>Oncosiphon piluliferum</i> STINKNET</div>
 <div><i>Cenchrus echinatus</i> <i>Cenchrus longispinus</i> SANDBURS</div>	 <div><i>Ehrharta calycina</i> PERENNIAL VELDT GRASS</div>	 <div><i>Parthenium hysterophorus</i> SANTA MARIA FEVERFEW</div>
 <div><i>Centaurea solstitialis</i> YELLOW STAR THISTLE</div>	 <div><i>Ehrharta longiflora</i> LONG-FLOWERED VELDTGRASS</div>	 <div><i>Rhamnus alaternus</i> ITALIAN BUCKTHORN</div>
 <div><i>Chrysanthemoides monilifera</i> <i>ssp. monilifera</i> BONESEED</div>	 <div><i>Galenia pubescens</i> COASTAL GALENIA</div>	 <div><i>Rubus armeniacus</i> HIMALAYAN BLACKBERRY</div>
 <div><i>Delairea odorata</i> CAPE IVY</div>	 <div><i>Hypericum canariense</i> CANARY ISLAND ST. JOHN'S WORT</div>	 <div><i>Senecio linearifolius</i> v. <i>linearifolius</i> LINEAR-LEAVED AUSTRALIAN FIREWEED</div>
	 <div><i>Melinis repens</i> NATALGRASS</div>	 <div><i>Volutaria tubuliflora</i> EGYPTIAN KNAWEED</div>

What we Did:

- Established a Committee
- Created a Website
- Established a Scoring Algorithm

Scientific Name	Source	Current Abundance and Distribution				Ecological Impact		Rate of spread		Modifiers			Final Score
		OC-CNPS Emergent List	# OC Plots	Abund. Ranking	Known OC Clonal	Distribution Ranking	Ability to Invas Native Habitat	Reproductive Rate and Dispersal Ranking	Rate Ranking	Cal-IPC Ranking/Worst	IDD Difficulty		
<i>Argemone franciscana</i>	Starr Ranch	Candidate	2	5	2	5	5	5	5	5	0	1.00	
<i>Orthocentrus gracile</i>	Local knowledge	2015	4	5	2	5	5	5	5	5	0	1.00	
<i>Lupinus hispidus</i>	Local knowledge	2015	2	5	2	5	5	5	5	5	0	1.00	
<i>Viola subsp.</i>	Local knowledge	2015	2	5	2	5	5	5	5	5	0	1.00	
<i>Hypericum ciliatum</i>	Local knowledge	2015	2	5	2	5	5	5	5	5	0	1.25	
<i>Lupinus hispidus</i>	IO Emergent	Candidate	2	5	2	5	2	2	2	5	0	1.50	
<i>Centrosema pinnatifidum</i>	IO Emergent	Candidate	2	5	2	5	2	2	2	5	0	1.50	
<i>Centrosema pinnatifidum</i>	Local knowledge	2015	22	5	10	2	5	5	2	5	0	1.75	
<i>Centrosema pinnatifidum</i>	Local knowledge	2015	24	5	9	2	5	5	2	5	0	1.75	
<i>Centrosema pinnatifidum</i>	Local knowledge	2015	22	5	9	2	5	5	2	5	0	1.75	
<i>Asplenium platyneuron</i>	Local knowledge	2015	10	2	4	5	5	2	2	5	0	2.00	
<i>Brassica tournefortii</i>	Local knowledge	2015	25	5	10	5	5	5	2	5	0	2.00	
<i>Erigeron annuus</i>	Local knowledge	2015	8	2	5	2	2	2	2	5	0	2.00	
<i>Cynodon dactylon</i>	Test	Candidate	4	5	2	5	5	5	5	5	0	2.00	
<i>Andropogon furcatus</i>	Test	Candidate	8	2	5	2	2	2	2	5	0	2.00	
<i>Andropogon furcatus</i>	Local knowledge	2015	8	2	2	5	5	5	5	5	0	2.25	
<i>Agrostis adspersa</i>	Test	Candidate	3	5	5	5	5	2	5	5	0	2.25	
<i>Chenopodium polifolium</i>	Test	Candidate	4	5	4	5	2	5	5	5	0	2.25	
<i>Atriplex confertifolia</i>	Test	Candidate	2	5	2	5	5	2	5	5	0	2.25	
<i>Chenopodium polifolium</i>	Local knowledge	2015	2	5	2	5	2	2	2	5	0	2.50	
<i>Andropogon furcatus</i>	Test	Candidate	8	2	4	5	2	5	2	5	0	2.50	
<i>Andropogon furcatus</i>	Test	Candidate	2	5	2	5	2	2	2	5	0	2.50	
<i>Andropogon furcatus</i>	Test	Candidate	2	5	2	5	2	2	2	5	0	2.50	
<i>Andropogon furcatus</i>	Test	Candidate	2	5	2	5	2	2	2	5	1	2.50	
<i>Andropogon furcatus</i>	IO Emergent	Candidate	2	5	2	5	2	2	2	5	0	2.50	
<i>Cynodon dactylon</i>	Local knowledge	2015	7	2	5	5	2	2	2	5	0	2.75	
<i>Andropogon furcatus</i>	Local knowledge	2015	4	2	4	5	2	2	2	5	0	2.75	
<i>Andropogon furcatus</i>	Local knowledge	2015	8	2	2	5	2	2	2	5	0	2.75	
<i>Andropogon furcatus</i>	Test	Candidate	2	5	2	5	2	2	2	5	0	2.75	
<i>Andropogon furcatus</i>	Local knowledge	2015	7	2	5	5	2	2	2	5	0	3.00	
<i>Andropogon furcatus</i>	Local knowledge	2015	4	5	2	5	5	5	5	5	0	3.00	
<i>Andropogon furcatus</i>	Local knowledge	2015	6	2	9	2	2	2	2	5	0	3.00	
<i>Cynodon dactylon</i>	IO Emergent	Candidate	9	5	0	5	5	5	5	5	1	3.00	
<i>Andropogon furcatus</i>	Local knowledge	2015	2	5	2	5	2	2	2	5	0	3.50	
<i>Andropogon furcatus</i>	Test	Candidate	22	5	8	2	2	5	5	5	0	3.50	



=+IF(AND(D6=0),"0",IF(AND(D6>0,D6<=5),"1",IF(AND(D6>5,D6<=10),"2",IF(AND(D6>10),"3")))))

=+IF(AND(F6=0),"0",IF(AND(F6>0,F6<=5),"1",IF(AND(F6>5,F6<=10),"2",IF(AND(F6>10),"3")))))

=1+L6-M6-N6

What we Did:

- Established a Committee
- Created a Website
- Established a Scoring Algorithm
- Crunched the Data
- Published the First Priority Emergent List

Orange County Emergent Invasive Plants

<i>Aegilops triuncialis</i>	Barbed goatgrass	2016-2019
<i>Cenchrus echinatus</i>	Southern Sandbur	2017-2019
<i>Cenchrus longispinus</i>	Mat sandbur	2017-2019
<i>Centaurea solstitialis</i>	Yellow starthistle	2015-2019
<i>Chrysanthemoides monilifera</i>	Bitou bush	2015-2019
<i>Delairea odorata</i>	Cape ivy	2015-2019
<i>Dittrichia graveolens</i>	Stinkwort	2015-2019
<i>Ehrharta calycina</i>	Perennial veldt grass	2015-2019
<i>Galenia pubescens</i>	Coastal galenia	2017-2019
<i>Hypericum canariense</i>	Canary Island St. John's Wort	2015-2019
<i>Melinis repens</i>	Natal grass	2016-2019
<i>Oncosiphon piluliferum</i>	Stinknet	2017-2019
<i>Parthenium hysterophorus</i>	Santa Maria feverfew	2017-2019
<i>Rhamnus alaternus</i>	Italian buckthorn	2018-2019
<i>Rubus armeniacus</i>	Himalayan blackberry	2015-2019
<i>Senecio linearifolius</i>	Linear-leafed Australian fireweed	2015-2019
<i>Volutaria tubuliflora</i>	Egyptian Knapweed	2015-2019

What we Did:

- Established a Committee
- Created a Website
- Established a Scoring Algorithm
- Crunched the Data
- Published the First Priority Emergent List
- Published a Watch List

Emergent Invasive Plant Program

Invasive Plant Watch List

OC CNPS EMERGENT INVASIVES - NOT IN COUNTY or PENDING

Scientific Name	Common Name	Source	Current Abundance and Distribution				Ecological Impact		Rate of spread		Raw Ranking	Modifiers		Final Score
			# Near Pops	Abund. Ranking	Known Near Quads	Distribution Ranking	Ability to Invade Native Habitat		Reproductive Rate & Dispersal			Ranking/Alert		
							Ca-IIPC	OCCNPS	Ca-IIPC	OCCNPS		Ca-IIPC	OCCNPS	
<i>Centaurea stoebe</i>	Spotted Knapweed	Watch Candidate	7	2	4	1	1		2		1.50	1		2.50
<i>Enchylaena tomentosa</i>	Ruby Saltbush	Watch Candidate	3	1	1	1		2		2	1.50		1	2.50
<i>Genista monspessulana</i>	French broom	Watch Candidate	10	2	10	2	1		1		1.50	1		2.50
<i>Alternanthera philoxeroides</i>	Alligatorweed	Watch Candidate	1	1	1	1	1		2		1.25	1		2.25
<i>Elymus caput-medusae</i>	Medusahead	Watch Candidate	7	2	2	1	1		1		1.25	1		2.25
<i>Phragmites australis</i>	Common reed	Watch Candidate	3	1	3	1		1		2	1.25		1	2.25
<i>Sesbania punicea</i>	Rattlebox	Watch Candidate	1	1	1	1	1		2		1.25	1		2.25
<i>Centaurea iberica</i>	Iberian knapweed	Watch Candidate	0	0	0	0		1		3	1.00		1	2.00
<i>Lythrum salicaria</i>	Purple loosestrife	Watch Candidate	2	1	1	1	1		1		1.00	1		2.00
<i>Cortaderia jubata</i>		Watch Candidate	20	3	14	3	1		1		2.00			2.00
<i>Dipsacus sativus</i>	Indian teasel	Watch Candidate	7	2	7	2	2		2		2.00	0		2.00
<i>Dipsacus fullonum</i>	Teasel	Watch Candidate	6	2	3	1	2		2		1.75	0		1.75
<i>Helichrysum petiolare</i>	Licorice plant	Watch Candidate	4	1	3	1	3		2		1.75	0		1.75
<i>Lathyrus tingitanus</i>	Tangier pea	Watch Candidate	6	2	4	1		2		2	1.75		0	1.75
<i>Ammophila arenaria</i>	European beachgrass	Watch Candidate	0	0	0	0	1		2		0.75	1		1.75
<i>Hydrilla verticillata</i>	Hydrilla	Watch Candidate	0	0	0	0	1		2		0.75	1		1.75
<i>Ludwigia hexapetala</i>	Crp. water primrose	Watch Candidate	0	0	0	0	1		2		0.75	1		1.75
<i>Myriophyllum aquaticum</i>	Millfoil	Watch Candidate	0	0	0	0	1		2		0.75	1		1.75
<i>Ulex europaeus</i>	Gorse	Watch Candidate	0	0	0	0	1		2		0.75	1		1.75
<i>Myriophyllum spicatum</i>	Millfoil	Watch Candidate	0	0	0	0	1		1		0.50	1		1.50
<i>Chondrilla juncea</i>	Skeleton weed	Watch Candidate	5	1	2	1	2		2		1.50	0		1.50
<i>Cirsium arvense</i>	Canada thistle	Watch Candidate	1	1	1	1	2		2		1.50	0		1.50
<i>Heliotropium supinum</i>	Drawf Heliotrope	Watch Candidate	1	1	1	1		2		2	1.50		0	1.50
<i>Arctotheca calendula</i>	Cape weed	Watch Candidate	0	0	0	0	2		3		1.25	0		1.25
<i>Pentameris airoides</i>	Annual Pentachistis	Watch Candidate	1	1	1	1	2		1		1.25	0		1.25
<i>Phytolacca americana</i>	American pokeweed	Watch Candidate	0	0	0	0	3		2		1.25	0		1.25
<i>Centaurea calcitrapa</i>	Purple star thistle	Watch Candidate	0	0	0	0	2		2		1.00	0		1.00
<i>Perilla frutescens</i>	Perilla	Watch Candidate		0		0					0.00			0.00
<i>Brassica fruticulosa</i>	Mediterranean cabbage	Watch Candidate		0		0					0.00			0.00
<i>Leucaena leucocephala</i>	White leadtree	Watch Candidate		0		0					0.00			0.00
<i>Raphanus raphanistrum</i>	Jointed charlock	Watch Candidate		0		0					0.00			0.00

What we Did:

- Established a Committee
- Created a Website
- Established a Scoring Algorithm
- Crunched the Data
- Published the First Priority Emergent List
- Published a Watch List
- Developed Resources and Tools
- Promoted Internally and Externally
- Established Training (later)
- **Started Finding Emergent Invasive Plants!**

Successes

Detections

Dittrichia graveolens
Stinkwort

1st Orange County detection

Volutaria tubuliflora
Volutaria

1st Orange County detection (1st CA?)

Chrysanthemoides monilifera
Boneseed

1st CA wildlands detection

Parthenium hysterophorus
Santa Maria Feverfew

2nd CA and Orange County detection

Galenia pubescens
Coastal Galenia

1st Orange County detection

Hypericum canariense
Canary Island St. John's Wort

3rd Orange County detection

Senecio leptophyllus
detection

1st CA(?) and Orange County

Many more

Emergent Invasive Plant Program

Volutaria tubuliflora

Volutaria



Emergent Invasive Plant Program

Hypericum canariense
Canary Island St. John's Wort



Emergent Invasive Plant Program

Chrysanthemoides monilifera var
monilifera
Boneseed



Emergent Invasive Plant Program

*Parthenium
hysterophorus*
Santa Maria Feverfew



Emergent Invasive Plant Program

*Senecio
leptophyllus*



Management

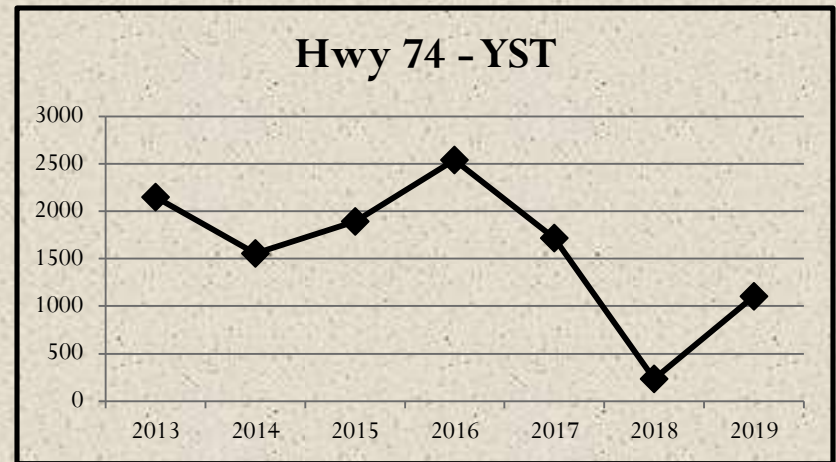
Centaurea solstitialis
Yellow Star Thistle



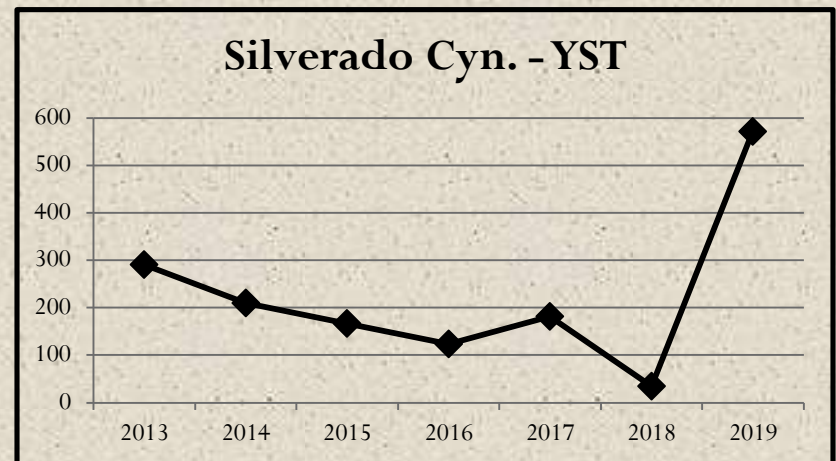
YST Management, Upper Silverado Cyn., Santa Ana Mts.

Pull Counts

Hwy 74 - YST



Silverado Cyn. - YST



Calflora

Orange County

Cal-IPC Listed Species

Pre 2016: 3,064 records

2016-Present: 8,736 records

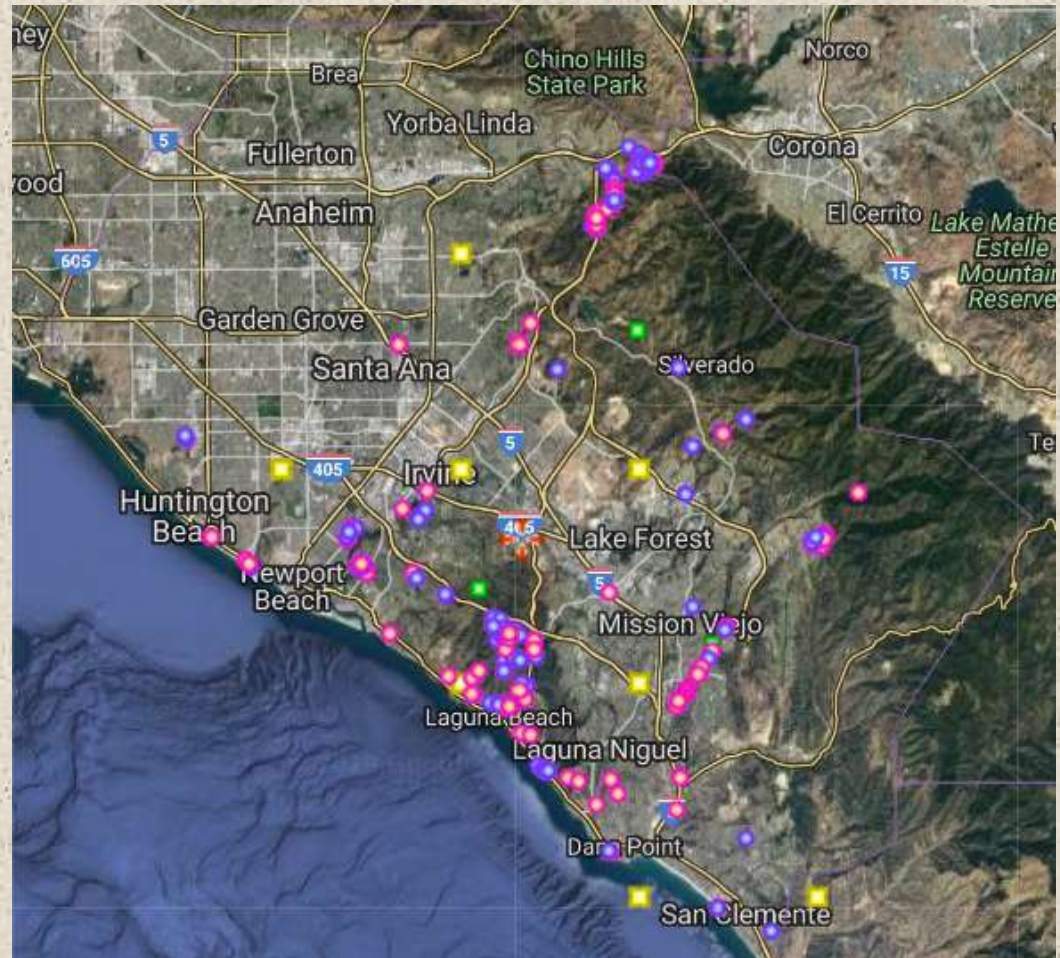
285% Increase

All Species

Pre 2016: 4,175 records

2016-Present: 12,745 records

305% Increase



Trainings

- 3-5 hours
- Priority Species
- Identification
- Reporting
- Vouchering
- Sanitation
- Resources
- A paid program

Biologists

Land Managers

Rangers

Volunteers



Newport Bay Conservancy Training, 2018

200 trained

Emergent Invasive Plant Program

Tools

Printable profiles for each Emergent Species

Orange County Chapter | occnps.org | California Native Plant Society

HAVE YOU SEEN THIS PLANT?

It is an Emergent Invasive in Orange County

MOROCCAN KNAPWEED

aka Egyptian or Mediterranean Desert Knapweed
Voluntaria tubuliflora

Known OC Sites & Status Updates

Distribution map & info:

- calflora.org/cgi-bin/species_query.cgi?where=california 3/8/05
- cal-ipc.org/ftp/species/whitewp01/201102whitewp01.pdf

Can be confused with *Voluntaria canariensis*, Canary Island Knapweed

Moroccan knapweed is an erect, openly branched, robust annual that grows from a soon-deciduous basal rosette. It grows best in disturbed ground & seasonally flooded sites, where it can grow to 3-4 ft. high & wide. It forms a stout deep taproot & many fine, water-absorbing, surface roots.

It has become widespread in the Anza-Borrego area, & has recently been added to California's Noxious Weed List.



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IF YOU SEE THIS PLANT AT A SITE THAT'S NOT ON THE LIST:

- Record the plant's location as exactly as you can (GPS coordinates if possible), the date you saw it, and an estimate of how many there were. Include the site's landowner or manager, if known.
- Take identifying photos: the whole plant & its surroundings, closeups of leaves, flowers & fruits/pods.
- If you take a sample, place it immediately into a sealed bag.
- To avoid spreading the plant, check your clothing and shoes thoroughly before leaving the area, and remove and bag all traces of seeds.
- Report the find immediately to invasives@occnps.org.

Each plant produces roughly 2500 seeds. Seed are minute, barrel-shaped, with a crown of fine hairs that acts as a parachute for wind dispersal—allowing the plants to spread at a very high rate.



Pocket ID Cards

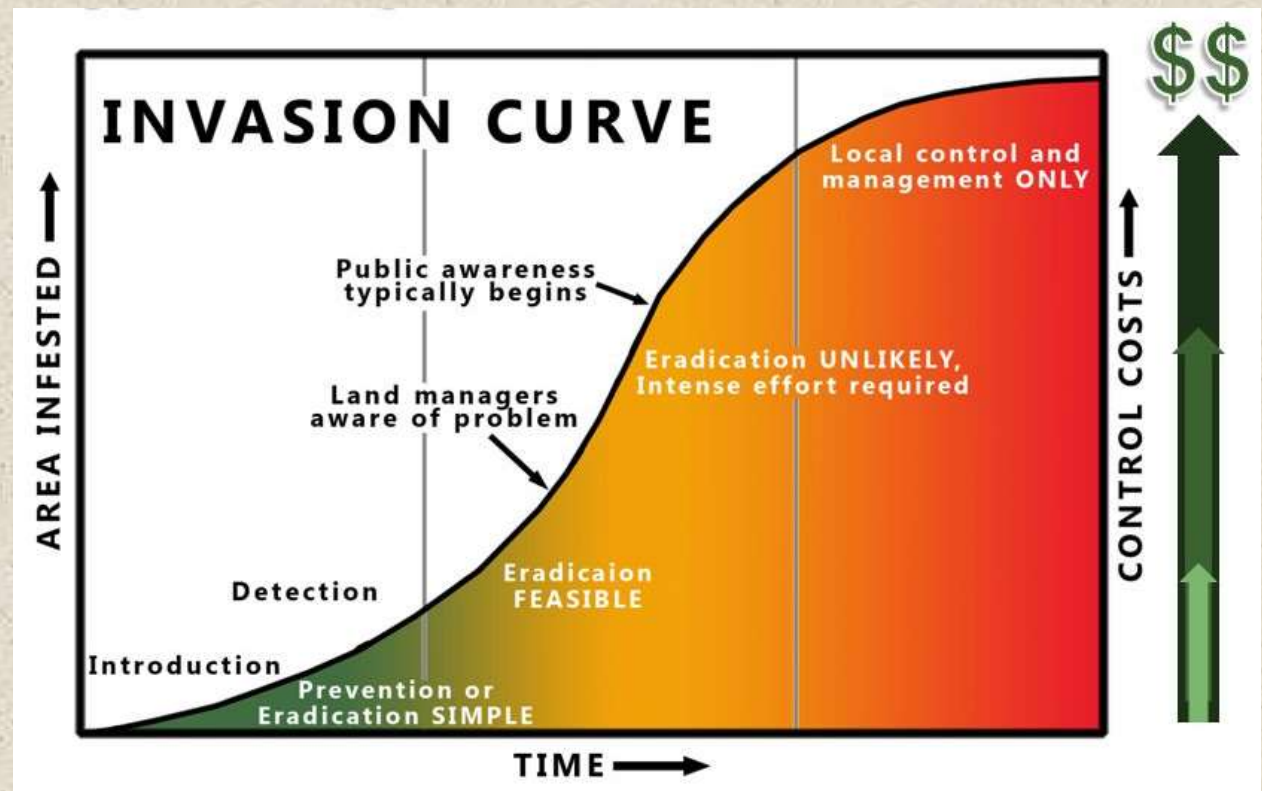
Successes:

- Lots of new Detections
- 1000's of new Calflora Records
- 200 People Trained
- Helpful Tools
- Intangibles:
 - Collaboration — Building a Community
 - Communication
 - Awareness
 - Engagement

Failures:

Species no longer Emergent

Website overkill



Lessons Learned:

- Find your Niche - and Stay There
- Prioritize the Weeds
- Provide Resources
- Learn the Invasive “People” Community
- Don’t be Redundant
- Embrace a Data Sharing Platform
- Create a Feedback Loop for the People
- Train, Train, Train

Thank you . . .

Dr. Jutta Burger, Cal-IPC

The OC CNPS Invasive Committee

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Our site:

OCCNPS.org