

## Report for *Layia carnosa*

### TAXON DETAILS



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### Classification

Scientific Name	<i>Layia carnosa</i> (Nutt.) T. & G.
Common Name	beach layia
Family	Asteraceae
Element Code	PDAST5N010
USDA Plants Symbol	<u>LACA4</u>
Synonyms/Other Names	

### Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G2
State Rank	S2
CESA	CE (01/01/90)
FESA	5/2/22 (5/2/22)
Other Status	SB_CalBG/RSABG; SB_SBBG
CRPR Changes	
Date Added	1988-01-01
Last Update	2023-06-06

### Ecology and Life History

Lifeform	annual herb
Blooming Period	Mar-Jul
Elevation m (ft)	0-60 (0-195)
General Habitats	Coastal dunes, Coastal scrub (sandy)
Microhabitat Details	
Microhabitat	

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		12
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>23</b>	<b>92%</b>
<b>Threat List:</b>		
Non-native plant impacts	19	76%
Foot traffic/trampling	8	32%
ORV activity	6	24%
Recreational use (non-ORV)	5	20%
Grazing	5	20%
Development	5	20%
Road/trail construction/maint.	3	12%
Other	1	4%
Erosion/runoff	1	4%
Feral pigs	1	4%
Military operations	1	4%
Biocides	1	4%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	25
<b>Element Occurrence Ranks:</b>	
Excellent (A)	2
Good (B)	10
Fair (C)	6
Poor (D)	0
None (X)	4
Unknown (U)	3
<b>Occurrence Status</b>	
Historical, > 20 years	12
Recent, < 20 years	13
<b>Presence</b>	
Presumed Extant	21
Possibly Extirpated	2
Presumed Extirpated	2

## Location

<b>California Endemic</b>	No
<b>Counties</b>	
Humboldt (HUM), Marin (MRN), Monterey (MNT), San Francisco (SFO)*, San Mateo (SMT), Santa Barbara (SBA)*	
<b>States</b>	
California (CA), Oregon (OR)	
<b>Quads</b>	

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Cannibal Island (4012463), Casmalia (3412075), Crannell (4112411)\*, Drakes Bay (3812218), Eureka (4012472), Fields Landing (4012462), Hunters Point (3712263), Monterey (3612158), Oakland West (3712273), Orick (4112431), Petrolia (4012433), Point Arguello (3412056)\*, Point Bonita (3712275), San Francisco North (3712274)\*, San Francisco South (3712264), Surf (3412065), Tomales (3812228), Tyee City (4012482)

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## Notes

Definitions of codes preceding a county and/or quad:

\* Presumed extirpated

(\*) Possibly extirpated

Species may be present in other areas where conditions are favorable. These data should NOT be substituted for pre-project review or for on-site surveys.

## Notes

Reclassified from federally endangered to threatened on 2022-03-31 due to substantial improvements in the species' overall status since its original listing as endangered in 1992.

## Threats

Threatened by coastal development, foot traffic, vehicles, and non-native plants.

## Taxononmy

Threatened by coastal development, foot traffic, vehicles, and non-native plants.

## Selected References

**Other:** Reclassification of the Endangered *Layia carnosa* (Beach Layia) to Threatened With Section 4(d) Rule (Federal Register 2022)

**Other:** Seven Coastal Plants and the Myrtle's Silverspot Butterfly Recovery Plan (USFWS 1998)

**Other:** Species Status Assessment Report for Beach Layia (*Layia carnosa*) (USFWS 2018)

## Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 10 May 2024].