

## Report for *Layia heterotricha*

### TAXON DETAILS



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### Classification

<b>Scientific Name</b>	<i>Layia heterotricha</i> (DC.) H. & A.
<b>Common Name</b>	pale-yellow layia
<b>Family</b>	Asteraceae
<b>Element Code</b>	PDAST5N070
<b>USDA Plants Symbol</b>	<u>LAHE</u>
<b>Synonyms/Other Names</b>	

### Conservation Status

<b>California Rare Plant Rank</b>	1B.1
<b>Global Rank</b>	G2
<b>State Rank</b>	S2
<b>CESA</b>	None
<b>FESA</b>	None
<b>Other Status</b>	BLM_S; SB_CalBG/RSABG; SB_SBBG; USFS_S
<b>CRPR Changes</b>	
<b>Date Added</b>	1994-01-01
<b>Last Update</b>	2022-01-05

### Ecology and Life History

<b>Lifeform</b>	annual herb
<b>Blooming Period</b>	Mar-Jun
<b>Elevation m (ft)</b>	300-1705 (985-5595)
<b>General Habitats</b>	Cismontane woodland, Coastal scrub, Pinyon and juniper woodland, Valley and foothill grassland
<b>Microhabitat Details</b>	
<b>Microhabitat</b>	Alkaline (sometimes), Clay (sometimes)

## Threat List Data from the CNDDDB

<b>Threat List Total:</b>		11
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>33</b>	<b>26%</b>
<b>Threat List:</b>		
Non-native plant impacts	11	8%
Road/trail construction/maint.	11	8%
Development	7	5%
Grazing	6	4%
ORV activity	5	4%
Feral pigs	3	2%
Foot traffic/trampling	2	1%
Erosion/runoff	2	1%
Improper burning regime	2	1%
Other	1	0%
Agriculture	1	0%

## Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	125
<b>Element Occurrence Ranks:</b>	
Excellent (A)	21
Good (B)	12
Fair (C)	1
Poor (D)	8
None (X)	1
Unknown (U)	82
<b>Occurrence Status</b>	
Historical, > 20 years	60
Recent, < 20 years	65
<b>Presence</b>	
Presumed Extant	124
Possibly Extirpated	0
Presumed Extirpated	1

## Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Fresno (FRE), Kern (KRN)*, Kings (KNG)*, Monterey (MNT), San Benito (SBT)(?), San Luis Obispo (SLO)*, Santa Barbara (SBA), Ventura (VEN)	
<b>States</b>	
California (CA)	
<b>Quads</b>	

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Apache Canyon (3411973), Ballinger Canyon (3411984), Bates Canyon (3411988), Bear Canyon (3612113), Bryson (3512171), Burnett Peak (3512172), Caliente Mtn. (3511917), California Valley (3512031)\*, Camatta Ranch (3512043), Carneros Rocks (3511947)\*, Casmalia (3412075), Chimineas Ranch (3511928), Cholame (3512063), Cholame Valley (3512073), Ciervo Mtn. (3612045), Coalinga (3612023)\*, Cuddy Valley (3411971), Curry Mountain (3612014)\*, Cuyama (3411985), Cuyama Peak (3411974), Domengine Ranch (3612033), Elkhorn Hills (3511915)\*, Fox Mountain (3411975), Freeman Junction (3511758), Garza Peak (3512082)\*, Goleta (3411947), Greenfield (3612132), Hames Valley (3512088)\*, Joaquin Rocks (3612034), La Panza (3512032)\*, Lake Cachuma (3411958), Las Yeguas Ranch (3511948)\*, Lillis Ranch (3612044), Lockwood Valley (3411961), Lompoc (3412064), Matilija (3411943), McKittrick Summit (3511937), Mojave (3511812)\*, Monarch Peak (3612027), Monolith (3511813)\*, Nattrass Valley (3612028), North Chalone Peak (3612142), Orchard Peak (3512062)\*, Panoche (3612057)(?), Panorama Hills (3511926), Pleito Hills (3411981), Rancho Nuevo Creek (3411964), Reward (3511936), Reyes Peak (3411963), Rock Spring Peak (3612048), Salisbury Potrero (3411976), San Guillermo (3411962), Santa Rita Peak (3612035), Sawmill Mountain (3411972)\*, Simmler (3511938), Smith Mountain (3612015), Surf (3412065), Taylor Canyon (3511918), Tehachapi NE (3511823)\*, Tehachapi North (3511824), Tehachapi South (3511814), Tent Hills (3512072), The Dark Hole (3512083), Thompson Canyon (3612122)\*, Tierra Redonda Mountain (3512078)\*, Tumey Hills (3612056), Wells Ranch (3511916), Wheeler Springs (3411953)\*, Wilson Corner (3512044)

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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

Threatened by agricultural conversion and previous construction of San Antonio Reservoir, grazing, non-native plants, and vehicles. Potentially threatened by road maintenance and wind energy development.

## Threats

## Taxononmy

## Selected References

## Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 30 April 2024].