

## Report for *Gilia tenuiflora* ssp. *arenaria*

### TAXON DETAILS



© 2021 Neal Kramer



© 2021 Neal Kramer



© 2021 Neal Kramer

### Classification

Scientific Name	<i>Gilia tenuiflora</i> Benth. ssp. <i>arenaria</i> (Benth.) A. & V. Grant
Common Name	Monterey gilia
Family	Polemoniaceae
Element Code	PDPLM041P2
USDA Plants Symbol	<u>GITEA2</u>
Synonyms/Other Names	

### Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G3G4T2
State Rank	S2
CESA	CT (01/01/87)
FESA	06/22/92 (06/22/92)
Other Status	SB_CalBG/RSABG
CRPR Changes	
Date Added	1980-01-01
Last Update	2023-12-05

### Ecology and Life History

Lifeform	annual herb
Blooming Period	Apr-Jun
Elevation m (ft)	0-45 (0-150)
General Habitats	Chaparral (maritime), Cismontane woodland, Coastal dunes, Coastal scrub
Microhabitat Details	
Microhabitat	Openings, Sandy

### Threat List Data from the CNDDDB

<b>Threat List Total:</b>		10
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>18</b>	<b>62%</b>
<b>Threat List:</b>		
Development	14	48%
Non-native plant impacts	10	34%
ORV activity	4	13%
Recreational use (non-ORV)	4	13%
Foot traffic/trampling	4	13%
Road/trail construction/maint.	2	6%
Vandalism/dumping/litter	1	3%
Landfill	1	3%
Erosion/runoff	1	3%
Biocides	1	3%

### Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	29
<b>Element Occurrence Ranks:</b>	
Excellent (A)	1
Good (B)	4
Fair (C)	5
Poor (D)	0
None (X)	4
Unknown (U)	15
<b>Occurrence Status</b>	
Historical, > 20 years	20
Recent, < 20 years	9
<b>Presence</b>	
Presumed Extant	25
Possibly Extirpated	0
Presumed Extirpated	4

### Location

<b>California Endemic</b>	Yes
<b>Counties</b>	
Monterey (MNT), Santa Cruz (SCR)	
<b>States</b>	
California (CA)	
<b>Quads</b>	
Marina (3612167), Monterey (3612158), Moss Landing (3612177), Salinas (3612166), Seaside (3612157), Spreckels (3612156), Watsonville West (3612187)	

## **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**

Intergrades with ssp. *tenuiflora* near the Salinas River mouth. See *Aliso* 3(3):246 (1956) for revised nomenclature.

## **Threats**

Seriously threatened by development, sand mining, vehicles, recreational activities, foot traffic, and non-native plants.

## **Taxononmy**

Seriously threatened by development, sand mining, vehicles, recreational activities, foot traffic, and non-native plants.

## **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 16 May 2024].