

Report for *Phacelia stellaris*

TAXON DETAILS

Classification

Scientific Name	<i>Phacelia stellaris</i> Brand
Common Name	Brand's star phacelia
Family	Hydrophyllaceae
Element Code	PDHYD0C510
USDA Plants Symbol	<u>PHST7</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.1
Global Rank	G1
State Rank	S1
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG
CRPR Changes	
Date Added	1994-01-01
Last Update	2021-05-26

Ecology and Life History

Lifeform	annual herb
Blooming Period	Mar-Jun
Elevation m (ft)	1-400 (5-1310)
General Habitats	Coastal dunes, Coastal scrub
Microhabitat Details	
Microhabitat	

Threat List Data from the CNDDDB

Threat List Total:		8
	Total EOs	Percent EOs
EOs with Threats Listed	6	40%
Threat List:		
Development	3	20%
Foot traffic/trampling	2	13%
Non-native plant impacts	2	13%
ORV activity	2	13%
Other	1	6%
Recreational use (non-ORV)	1	6%
Military operations	1	6%
Erosion/runoff	1	6%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	15
Element Occurrence Ranks:	
Excellent (A)	0
Good (B)	3
Fair (C)	0
Poor (D)	0
None (X)	6
Unknown (U)	6
Occurrence Status	
Historical, > 20 years	11
Recent, < 20 years	4
Presence	
Presumed Extant	9
Possibly Extirpated	6
Presumed Extirpated	0

Location

California Endemic No

Counties

Los Angeles (LAX)(?), Orange (ORA), Riverside (RIV), San Bernardino (SBD), San Diego (SDG)

States

Baja California (BA), California (CA)

Quads

Baldwin Park (3411718), Del Mar (3211782), El Monte (3411811)(?), Guasti (3411715), Imperial Beach (3211751), La Jolla (3211772)*, Los Alamitos (3311871), Oceanside (3311724), Point Loma (3211762), Redondo Beach (3311874)*, Riverside West (3311784), South Gate (3311882)*, Torrance (3311873), Venice (3311884)*

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

Known from approximately ten occurrences. Historical occurrences extirpated by development. Threatened by non-native plants. Some plants intermediate to *P. douglasii* var. *douglasii* occur in SE Western Transverse Range foothills. See *Pflanzenreich* 4(251):123 (1913) for original description.

Threats

Taxonomy

Selected References

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