

Report for *Phacelia nashiana*

TAXON DETAILS

Classification

Scientific Name	<i>Phacelia nashiana</i> Jeps.
Common Name	Charlotte's phacelia
Family	Hydrophyllaceae
Element Code	PDHYD0C350
USDA Plants Symbol	<u>PHNA</u>
Synonyms/Other Names	

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G3
State Rank	S3
CESA	None
FESA	None
Other Status	BLM_S; SB_CalBG/RSABG; SB_USDA
CRPR Changes	
Date Added	1974-01-01
Last Update	2022-06-08

Ecology and Life History

Lifeform	annual herb
Blooming Period	Mar-Jun
Elevation m (ft)	600-2200 (1970-7220)
General Habitats	Joshua tree "woodland", Mojavean desert scrub, Pinyon and juniper woodland
Microhabitat Details	
Microhabitat	Granitic (usually), Sandy

Threat List Data from the CNDDDB

Threat List Total:		13
	Total EOs	Percent EOs
EOs with Threats Listed	46	64%
Threat List:		
Grazing	20	27%
ORV activity	18	25%
Road/trail construction/maint.	6	8%
Foot traffic/trampling	5	6%
Non-native plant impacts	5	6%
Other	4	5%
Mining	4	5%
Recreational use (non-ORV)	4	5%
Development	2	2%
Over-collecting/poaching	2	2%
Erosion/runoff	1	1%
Non-native animal impacts	1	1%
Vandalism/dumping/litter	1	1%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	72
Element Occurrence Ranks:	
Excellent (A)	26
Good (B)	19
Fair (C)	12
Poor (D)	1
None (X)	0
Unknown (U)	14
Occurrence Status	
Historical, > 20 years	49
Recent, < 20 years	23
Presence	
Presumed Extant	72
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic Yes

Counties

Inyo (INY), Kern (KRN), Tulare (TUL)

States

California (CA)

Quads

Cane Canyon (3511852), Cantil (3511738), Cinco (3511831), Freeman Junction (3511758), Garlock (3511747), Haiwee Pass (3611821), Horse Canyon (3511851), Lamont Peak (3511871), Little Lake (3511788), Long Canyon (3611811), Mojave NE (3511821), Ninemile Canyon (3511778), Owens Peak (3511768), Saltdale NW (3511748), Saltdale SE (3511737), Volcano Peak (3511787), Walker Pass (3511861)

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 grazing and mining. Possibly threatened by foot traffic and vehicles. See *Flora of California* 3(2):276-277 (1943) by W.L. Jepson for original description.

Threats

Taxonomy

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 22 December 2024].