

Report for *Oenothera avita* ssp. *eurekensis*

TAXON DETAILS



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Classification

Scientific Name	<i>Oenothera avita</i> (W.M. Klein) W.M. Klein ssp. <i>eurekensis</i> (Munz & J.C. Roos) W.M. Klein
Common Name	Eureka Dunes evening-primrose
Family	Onagraceae
Element Code	PDONA0C071
USDA Plants Symbol	OECAE2
Synonyms/Other Names	<u><i>Oenothera californica</i> (S. Watson) S. Watson</u> <u>ssp. <i>eurekensis</i> (Munz & J.C. Roos) W.M. Klein</u>

Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G4?T2
State Rank	S2
CESA	CR (11/01/78)
FESA	3/29/18 (3/29/18)
Other Status	SB_CalBG/RSABG
CRPR Changes	
Date Added	1974-01-01
Last Update	2024-03-06

Ecology and Life History

Lifeform	perennial rhizomatous herb
Blooming Period	Apr-Jun(Jul)
Elevation m (ft)	850-1200 (2790-3935)
General Habitats	Desert dunes
Microhabitat Details	
Microhabitat	

Threat List Data from the CNDDDB

Threat List Total:		2
	Total EOs	Percent EOs
EOs with Threats Listed	2	67%
Threat List:		
Non-native plant impacts	2	66%
ORV activity	1	33%

Element Occurrence Data from the CNDDDB

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

Location

California Endemic	Yes
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Counties

Inyo (INY)

States

California (CA)

Quads

East of Joshua Flats (3711727), East of Waucoba Spring (3711717), Last Chance Range SW (3711716)
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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

Federally listed as Endangered on 1978-05-27; Delisted due to Recovery on 2018-03-29. Known only from dunes in Eureka Valley, within Death Valley NP. Habitat previously degraded by vehicle traffic; populations recovering well, but still threatened by vehicle trespass, foot traffic, recreation, and non-native Russian thistle. Recovery plan has been completed by BLM. See *Aliso* 3(2):118 (1955) for original description, and *Biological Conservation* 46:217-242 (1988) for population biology.

Threats

Threatened by vehicle trespass, foot traffic, recreation, and non-native plants.

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Threatened by vehicle trespass, foot traffic, recreation, and non-native plants.

Selected References

Other: Recovery Plan for *Oenothera californica* ssp. *eurekensis* (Eureka Dunes evening-primrose) (USFWS 1982)

Suggested Citation

California Native Plant Society, Rare Plant Program. 2024. Rare Plant Inventory (online edition, v9.5). Website <https://www.rareplants.cnps.org> [accessed 23 April 2024].