

Report for *Oenothera avita* ssp. *eurekensis*

TAXON DETAILS



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Classification

Scientific Name

Oenothera avita (W.M. Klein) W.M. Klein ssp. *eurekensis* (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

Oenothera californica (S. Watson) S. Watson
ssp. *eurekensis* (Munz & J.C. Roos) W.M. Klein

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)

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