

**Report for *Opuntia basilaris* var. *treleasei*****TAXON DETAILS****Classification**

Scientific Name	<i>Opuntia basilaris</i> Engelm. & Bigel. var. <i>treleasei</i> (Coult.) Toumey
Common Name	Bakersfield cactus
Family	Cactaceae
Element Code	PDCAC0D055
USDA Plants Symbol	<u>OPBAT</u>
Synonyms/Other Names	<u><i>Opuntia treleasei</i> Coult.</u>

**Conservation Status**

California Rare Plant Rank	1B.1
Global Rank	G5T1
State Rank	S1
CESA	CE (01/01/90)
FESA	07/19/90 (07/19/90)
Other Status	SB_CalBG/RSABG
CRPR Changes	
Date Added	1974-01-01
Last Update	2022-06-08

**Ecology and Life History**

Lifeform	perennial stem
Blooming Period	Apr-May
Elevation m (ft)	100-1450 (330-4755)
General Habitats	Chenopod scrub, Cismontane woodland, Valley and foothill grassland
Microhabitat Details	
Microhabitat	Gravelly (sometimes), Sandy (sometimes)

### Threat List Data from the CNDDDB

<b>Threat List Total:</b>		19
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>47</b>	<b>76%</b>
<b>Threat List:</b>		
Grazing	27	43%
Road/trail construction/maint.	19	30%
Vandalism/dumping/litter	12	19%
Foot traffic/trampling	12	19%
ORV activity	12	19%
Mining	11	17%
Erosion/runoff	11	17%
Development	11	17%
Agriculture	9	14%
Other	8	12%
Recreational use (non-ORV)	7	11%
Non-native plant impacts	6	9%
Improper burning regime	6	9%
Disking	4	6%
Biocides	3	4%
Waterway bank protection/maintenance	3	4%
Pollution	1	1%
Landfill	1	1%
Altered flood/tidal/hydrologic regime	1	1%

### Element Occurrence Data from the CNDDDB

<b>Total Element Occurrences:</b>	62
<b>Element Occurrence Ranks:</b>	
Excellent (A)	0
Good (B)	12
Fair (C)	19
Poor (D)	9
None (X)	11
Unknown (U)	11
<b>Occurrence Status</b>	
Historical, > 20 years	17
Recent, < 20 years	45
<b>Presence</b>	
Presumed Extant	51
Possibly Extirpated	2
Presumed Extirpated	9

### Location

<b>California Endemic</b>	Yes
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### Counties

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Kern (KRN)

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## **States**

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California (CA)

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## **Quads**

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Arvin (3511827), Bena (3511836), Coal Oil Canyon (3511911), Conner SW (3511912), Eagle Rest Peak (3411982), Edison (3511837), Grapevine (3411888), Lamont (3511838)\*, Mettler (3511818), Mt. Adelaide (3511846), North of Oildale (3511951), Oil Center (3511848), Oildale (3511941)\*, Oiler Peak (3511835)\*, Rio Bravo Ranch (3511847), Tejon Hills (3511817), Weed Patch (3511828), Woody (3511867)

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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**

Threatened by energy development, agricultural conversion, grazing, mining, vehicles, and especially urbanization in the Bakersfield area. USFWS uses the name *O. treleasei*. See *Contributions from the U.S. National Herbarium* 3:434 (1896) for original description, *Wasmann Journal of Biology* 25:289-290 (1967) for species account, and *Madroño* 39(1):79 (1992) for information on a new population.

## **Threats**

## **Taxononmy**

## **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 8 May 2024].