

## Report for *Carnegieia gigantea*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Carnegieia gigantea</i> (Engelm.) Britt. & Rose
Common Name	saguaro
Family	Cactaceae
Element Code	PDCAC12010
USDA Plants Symbol	<u>CAG110</u>
Synonyms/Other Names	<u><i>Cereus giganteus</i> Engelm.</u>

#### Conservation Status

California Rare Plant Rank	2B.2
Global Rank	G5
State Rank	S1
CESA	None
FESA	None
Other Status	IUCN_LC; SB_CalBG/RSABG
CRPR Changes	changed from 2.2 to 2B.2 on 2013-06-12
Date Added	1984-01-01
Last Update	2021-07-14

#### Ecology and Life History

Lifeform	perennial stem
Blooming Period	May-Jun
Elevation m (ft)	50-1500 (165-4920)
General Habitats	Sonoran desert scrub (rocky)
Microhabitat Details	
Microhabitat	

**Threat List Data from the CNDDB**

<b>Threat List Total:</b>		8
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>9</b>	<b>30%</b>
<b>Threat List:</b>		
Road/trail construction/maint.	4	13%
Recreational use (non-ORV)	3	10%
ORV activity	2	6%
Altered flood/tidal/hydrologic regime	2	6%
Erosion/runoff	2	6%
Non-native animal impacts	1	3%
Development	1	3%
Vandalism/dumping/litter	1	3%

**Element Occurrence Data from the CNDDB**

<b>Total Element Occurrences:</b>	30
<b>Element Occurrence Ranks:</b>	
Excellent (A)	4
Good (B)	9
Fair (C)	1
Poor (D)	1
None (X)	0
Unknown (U)	15
<b>Occurrence Status</b>	
Historical, > 20 years	13
Recent, < 20 years	17
<b>Presence</b>	
Presumed Extant	30
Possibly Extirpated	0
Presumed Extirpated	0

**Location**

**California Endemic** No

**Counties**

Imperial (IMP), San Bernardino (SBD)

**States**

Arizona (AZ), California (CA), Sonora, Mexico (SO)

**Quads**

Buzzards Peak (3311427), Gene Wash (3411432), Laguna Dam (3211474), Mt. Barrow (3311428), Palo Verde Peak (3311437), Picacho NW (3311426), Thumb Peak (3311447), Whipple Mts. SW (3411434), Whipple Wash (3411433)

**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**

Need precise locality information for quad 75 in RIV Co. Possibly threatened by vehicles and recreational shooting. State flower of AZ, where state-listed as Highly Safeguarded. See *Journal of the New York Botanical Garden* 9:188 (1908) for revised nomenclature.

## **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 5 November 2024].