

## Report for *Pholisma sonorae*

### TAXON DETAILS

#### Classification

Scientific Name	<i>Pholisma sonorae</i> (Gray) Yatskievych
Common Name	sand food
Family	Lennoaceae
Element Code	PDLNN02020
USDA Plants Symbol	<u>PHSO</u>
Synonyms/Other Names	<u><i>Ammobroma sonorae</i> Gray</u>

#### Conservation Status

California Rare Plant Rank	1B.2
Global Rank	G2
State Rank	S2
CESA	None
FESA	None
Other Status	BLM_S; SB_CalBG/RSABG
CRPR Changes	
Date Added	1974-01-01
Last Update	2021-05-26

#### Ecology and Life History

Lifeform	perennial herb (parasitic)
Blooming Period	(Mar)Apr-Jun
Elevation m (ft)	0-200 (0-655)
General Habitats	Desert dunes, Sonoran desert scrub (sandy)
Microhabitat Details	
Microhabitat	

**Threat List Data from the CNDDDB**

<b>Threat List Total:</b>		6
	<b>Total EOs</b>	<b>Percent EOs</b>
<b>EOs with Threats Listed</b>	<b>5</b>	<b>36%</b>
<b>Threat List:</b>		
Agriculture	2	14%
ORV activity	2	14%
Other	1	7%
Vandalism/dumping/litter	1	7%
Military operations	1	7%
Non-native plant impacts	1	7%

**Element Occurrence Data from the CNDDDB**

<b>Total Element Occurrences:</b>	14
<b>Element Occurrence Ranks:</b>	
Excellent (A)	1
Good (B)	1
Fair (C)	0
Poor (D)	0
None (X)	0
Unknown (U)	12
<b>Occurrence Status</b>	
Historical, > 20 years	10
Recent, < 20 years	4
<b>Presence</b>	
Presumed Extant	14
Possibly Extirpated	0
Presumed Extirpated	0

**Location**

**California Endemic** No

**Counties**  
Imperial (IMP)

**States**  
Arizona (AZ), Baja California (BA), California (CA), Sonora, Mexico (SO)

**Quads**  
Grays Well (3211468), Grays Well NE (3211467), Midway Well (3211561), Acolita (3311512), Amos (3311513), Cactus (3211478), Clyde (3211488), East of Acolita (3311511), Glamis (3211581), Glamis NW (3211582), Glamis SE (3211571), Holtville East (3211573), Holtville NE (3211583), Holtville West (3211574), Kane Spring (3311517), Ogilby (3211477), Tortuga (3311523)

**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 vehicles, military activities, agriculture, habitat loss, and non-native plants. Parasitic on *Eriogonum*, *Tiquilia*, *Ambrosia*, and *Pluchea* spp. See *Memoirs of the American Academy of Arts and Sciences* 5:327 (1854), *Desert Plants* 2(3):188-196 (1980) for species account, *Systematic Botany* 11(4):531-548 (1986) for revised treatment, and *Madroño* 50(2):110-114 (2003) for pollinator information.

## **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 30 June 2024].