

Report for *Senna covesii*

TAXON DETAILS

Classification

Scientific Name	<i>Senna covesii</i> (Gray) H. Irwin & Barneby
Common Name	Cove's cassia
Family	Fabaceae
Element Code	PDFAB491X0
USDA Plants Symbol	<u>SECO10</u>
Synonyms/Other Names	<u><i>Cassia covesii</i></u>

Conservation Status

California Rare Plant Rank	2B.2
Global Rank	G5
State Rank	S3
CESA	None
FESA	None
Other Status	SB_CalBG/RSABG
CRPR Changes	changed from 2.2 to 2B.2 on 2013-06-12
Date Added	1980-01-01
Last Update	2022-06-08

Ecology and Life History

Lifeform	perennial herb
Blooming Period	Mar-Jun(Aug)
Elevation m (ft)	225-1295 (740-4250)
General Habitats	Sonoran desert scrub
Microhabitat Details	Dry, sandy desert washes and slopes
Microhabitat	Dry, Sandy, Slopes, Washes

Threat List Data from the CNDDDB

Threat List Total:		5
	Total EOs	Percent EOs
EOs with Threats Listed	13	24%
Threat List:		
Road/trail construction/maint.	6	10%
ORV activity	5	9%
Other	4	7%
Erosion/runoff	3	5%
Mining	2	3%

Element Occurrence Data from the CNDDDB

Total Element Occurrences:	55
Element Occurrence Ranks:	
Excellent (A)	8
Good (B)	6
Fair (C)	6
Poor (D)	1
None (X)	0
Unknown (U)	34
Occurrence Status	
Historical, > 20 years	15
Recent, < 20 years	40
Presence	
Presumed Extant	55
Possibly Extirpated	0
Presumed Extirpated	0

Location

California Endemic	No
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Counties

Imperial (IMP), Kern (KRN), Riverside (RIV), San Bernardino (SBD), San Diego (SDG)

States

Arizona (AZ), Baja California (BA), California (CA), Nevada (NV)

Quads

Augustine Pass (3311543), Borrego Sink (3311623), Clark Lake NE (3311643), Corn Spring (3311563), Cottonwood Basin (3311568), Cottonwood Spring (3311567), Cow Cove (3511536), Desert Center (3311564), Earthquake Valley (3311614), Edwards (3411788), Hayfield (3311566), Hayfield Spring (3311565), Lion Head Mtn. (3311533), Mohawk Spring (3411447), Monument Peak (3211684), Mopah Peaks (3411437), Mortmar (3311558), Orocopia Canyon (3311557), Pilot Mountain (3311553), Rancho Mirage (3311664), Red Canyon (3311556), Red Cloud Canyon (3311554), Savahia Peak SW (3411436), Tenmile Well (3511438), Toro Peak (3311654), Tubb Canyon (3311624), Valerie (3311652), Viejas Mountain (3211676), Whale Peak (3311613), 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 quads for IMP Co. and occurrence near "Turtle Mtns." (SBD Co.). Threatened by vehicles and road maintenance.

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 3 May 2024].