

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 |
|---------------------------|----|

Counties

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

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

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].