

Report for *Pinus radiata*

TAXON DETAILS

Classification

| | |
|----------------------|-----------------------------|
| Scientific Name | <i>Pinus radiata</i> D. Don |
| Common Name | Monterey pine |
| Family | Pinaceae |
| Element Code | PGPIN040V0 |
| USDA Plants Symbol | <u>PIRA2</u> |
| Synonyms/Other Names | |

Conservation Status

| | |
|----------------------------|----------------------------------|
| California Rare Plant Rank | 1B.1 |
| Global Rank | G1 |
| State Rank | S1 |
| CESA | None |
| FESA | None |
| Other Status | IUCN_EN; SB_CalBG/RSABG; SB_UCSC |
| CRPR Changes | |
| Date Added | 1974-01-01 |
| Last Update | 2021-07-14 |

Ecology and Life History

| | |
|----------------------|---|
| Lifeform | perennial evergreen tree |
| Blooming Period | |
| Elevation m (ft) | 25-185 (80-605) |
| General Habitats | Cismontane woodland, Closed-cone coniferous forest |
| Microhabitat Details | |
| Microhabitat | |

Threat List Data from the CNDDDB

| | | |
|--------------------------------|------------------|--------------------|
| Threat List Total: | | 6 |
| | Total EOs | Percent EOs |
| EOs with Threats Listed | 5 | 100% |
| Threat List: | | |
| Hybridization | 5 | 100% |
| Improper burning regime | 5 | 100% |
| Development | 4 | 80% |
| Disease | 4 | 80% |
| Logging | 3 | 60% |
| Other | 1 | 20% |

Element Occurrence Data from the CNDDDB

| | |
|-----------------------------------|---|
| Total Element Occurrences: | 5 |
| Element Occurrence Ranks: | |
| Excellent (A) | 3 |
| Good (B) | 1 |
| Fair (C) | 1 |
| Poor (D) | 0 |
| None (X) | 0 |
| Unknown (U) | 0 |
| Occurrence Status | |
| Historical, > 20 years | 1 |
| Recent, < 20 years | 4 |
| Presence | |
| Presumed Extant | 5 |
| Possibly Extirpated | 0 |
| Presumed Extirpated | 0 |

Location

| | |
|---|----|
| California Endemic | No |
| Counties | |
| Monterey (MNT), San Luis Obispo (SLO), San Mateo (SMT), Santa Cruz (SCR) | |
| States | |
| Baja California (BA), California (CA), Isla Guadalupe, Baja (GU) | |
| Quads | |
| Ano Nuevo (3712213), Cambria (3512151), Davenport (3712212), Franklin Point (3712223), Monterey (3612158), Pico Creek (3512152), San Simeon (3512162), Seaside (3612157), Soberanes Point (3612148) | |

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

Only three native stands in CA, at Ano Nuevo, Cambria, and the Monterey Peninsula; introduced in many areas. Only one-half of the species' historical extent remains undeveloped on the Monterey Peninsula, and forest destruction has been unevenly distributed over different geomorphic surfaces. Threatened by development, genetic contamination, pine pitch canker disease, and forest fragmentation, especially at Del Monte Forest (MNT Co.) and in SLO Co.; seriously threatened by feral goats on GU Isl. Plants from BA (Cedros Isl.) and GU Isl. are genetically distinct. See *Fremontia* 18(2):15-21 (1990) for discussion of genetic conservation work.

Threats

Taxononmy

Selected References

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