

PLANT DETAIL



© 2021 Scot Loring



© 2021 Scot Loring



© 2021 Scot Loring

Classification

Scientific Name

Sulcaria spiralifera (Brodo & D. Hawksw.) Myllys, Velmala & Goward

Common Name

twisted horsehair lichen

Family

Parmeliaceae

Element Code Name

NLT0042560

USDA Plants Symbol

Synonyms/Other Names

Bryoria pseudocapillaris Brodo & D. Hawksw.
Bryoria spiralifera Brodo & D. Hawksw.

Conservation Status

California Rare Plant Rank

1B.2

Global Rank

G3G4

State Rank

S2

CESA

None

FESA

None

Other Status

BLM_S

CRPR Changes

changed from 1B.1 to 1B.2 on
2021-05-24
added to 1B.1 on 2014-02-28

Date Added

3/1/2014

Last Change

10/8/2021

Ecology and Life History

Lifeform

fruticose lichen (epiphytic)

Blooming Period

Elevation: m (ft)

0-90 (0-295)

General Habitat

Coastal dunes (SLO Co.), North Coast
coniferous forest (immediate coast)

General MicroHabitat
Micro Habitat

Usually on conifers.

Element Occurrence Data from California Natural Diversity Database

Total Element Occurrences	18
Element Occurrence Ranks	
Excellent (A)	0
Good (B)	1
Fair (C)	0
Poor (D)	0
None (X)	0
Unknown (U)	17
Occurrence Status	
Historical, > 20 years	12
Recent, < 20 years	6
Presence	
Presumed Extant	18
Possibly Extirpated	0
Presumed Extirpated	0

Location

CA Endemic No

Counties

Del Norte (DNT), Humboldt (HUM), Mendocino (MEN), Monterey (MNT), San Luis Obispo (SLO), Sonoma (SON)

States

California (CA), Oregon (OR), Washington (WA)

Quads

Annapolis (3812363), Cambria (3512151), Childs Hill (4112461), Crannell (4112411), Crescent City (4112472), Eureka (4012472), Monterey (3612158), Morro Bay South (3512037), Point Arena (3812386), Port San Luis (3512027), Rodgers Peak (4112421), Sister Rocks (4112462), Smith River (4112482), Stewarts Point (3812364), Trinidad (4112412), Tyee City (4012482)

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.

General Notes

Largest known population in CA is on the Samoa Peninsula in HUM Co. Possibly threatened by coastal development, air pollution, and climate change. Usually on *Picea sitchensis*, *Pinus contorta* var. *contorta*, *Pseudotsuga menziesii*, *Abies grandis*, and *Tsuga heterophylla*. Includes

Bryoria pseudocapillaris, which was previously CRPR 3.2. Similar to *S. badia*. See *Bulletin of the California Lichen Society* 15(1):4-6 (2008) for CALS Conservation Committee sponsorship, and *The Lichenologist* 46(6):737-752 (2014) for taxonomic treatment. CALS: *Sulcaria spiralifera*.

Distribution

Threats

Taxonomy

Other

References