

Report for *Sulcaria spiralifera*

TAXON DETAILS



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Classification

Scientific Name

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

Common Name

twisted horsehair lichen

Family

Parmeliaceae

Element Code

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

2014-03-01

Last Update

2021-10-08

Ecology and Life History

Lifeform

fruticose lichen (epiphytic)

Blooming Period

Elevation m (ft)

0-90 (0-295)

General Habitats

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

Microhabitat Details

Usually on conifers.

Microhabitat

Threat List Data from the CNDDDB

Threat List Total:		4
	Total EOs	Percent EOs
EOs with Threats Listed	3	17%
Threat List:		
Development	1	5%
Improper burning regime	1	5%
Non-native plant impacts	1	5%
ORV activity	1	5%

Element Occurrence Data from the CNDDDB

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

California Endemic	No
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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.

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*.

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 1 May 2024].