

## 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

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

## Element Occurrence Data from the CNDDDB

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

## Location

<b>California Endemic</b>	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 18 May 2024].