Conservation Status Assessment

**Scientific Name:** *Rhizopogon atroviolaceus*

**Classification:** Fungus

**Assessment area:** California

**Heritage Rank:** S1

**Rank Date:** 1/10/2017

Assigned Rank Comments: None.

**Range Extent:** 
BC = 100-1000 sq km (~40-400 sq miles)

Comments: There are two California sites about 266 km apart. One is in the eastern Siskiyou Mountains of Siskiyou County, and the other is near the coast in Sonoma County.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** A = 1 - 5

Comments: There are 2 known occurrences in California.

**Area of Occupancy:** B = 2 4-km2 grid cells

Comments: This species occupies 2 grid squares in California.

**Good Viability:** B = Very few (1-3) occurrences with excellent or good viability or ecological integrity

Comments: One occurrence is in Lassen National Park, the other is in Salt Springs State Park.

**Environmental Sensitivity:** B = Narrow. Specialist or community with key requirements common

Comments: A hypogenous mycorrhizal species.

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** D = Low

Comments: Both sites are protected from timber harvest, but one could be threatened by wildfire or volcanic activity and the other could be threatened by a tsunami.
**Intrinsic Vulnerability:** Not Evaluated

**Comments:** None

**Calculated Rank:** S1

**Rank Author:** Michael Russell

**Rank Reviewer:** Michael Russell

**References:**

**Definitions and Resources:**

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Suggested citation:

More assessments available at http://inr.oregonstate.edu/orbic/rare-species/ranking-documentation

Element rank calculator resources at http://www.natureserve.org/conservation-tools/conservation-rank-calculator

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