

Conservation Status Assessment

Scientific Name: *Tolypocladium ophioglossoides*

Classification: Fungus

Assessment area: Oregon

Heritage Rank: **S2**

Rank Date: 3/9/2017

Rank Reasons: Only a small number of occurrences, but ranging most of the west side of the state. . Loring says " There is an additional occurrence along the coast north of Lincoln City. This one additional occurrence and minor extension in range does not change the assigned rank. "

Range Extent: F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

Comments: Around 33,000 sq. km. West side of the state.

Population Size: Not assessed

Comments: None

Number of Occurrences: A = 1 - 5

Comments: Around 5 occurrences.

Area of Occupancy: D = 6-25 4-km² grid cells

Comments: Around 5 occurrences, a couple which cover more than one grid cell.

Good Viability: A = No occurrences with excellent or good (A or B) viability or ecological integrity

Comments: None in protected areas.

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: Not Evaluated

Comments: None

Long Term Trends: Not Evaluated

Comments: None

Threat Impact: C = Medium

Comments:

No occurrences are located in protected areas. They could be at risk from logging or other development.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Calculated Rank: S2

Rank Author: Caitlin Lawrence

Rank Reviewer: Scot Loring

References:

Quandt, CA; Kepler, RM; Gams, W; Araujo, JPM; Ban, S; Evans, HC; Hughes, D; Humber, R; Hywel-Jones, N; Li, Z; Luangsaard, JJ; Rehner, SA; Sanjuan, T; Sato, H; Shrestha, B; Sung, GH; Yao, Y-J; Zare, R; Spatafora, JW. 2014. Phylogenetic-based nomenclatural proposals for Ophiocordycipitaceae (Hypocreales) with new combinations in Tolypocladium. IMA Fungus. 5:121-134.

Definitions and Resources:

Rank Prefixes

- G Global rank, applied to taxon's full geographic range
- S State rank, applied to taxon's range within the designated state

Rank Values

- 1 Critically imperiled
- 2 Imperiled
- 3 Vulnerable
- 4 Apparently secure, uncommon but not rare
- 5 Secure, common, abundant, and widespread

Suggested citation:

Oregon Biodiversity Information Center. 2017. Fungi Conservation Status Assessments. Institute for Natural Resources, Portland State University and Oregon State University. Portland, Oregon and Corvallis, Oregon.

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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