**Conservation Status Assessment**

**Scientific Name:** *Ramaria coulterae*  
**Classification:** Fungus  
**Assessment area:** California  

**Heritage Rank:** S2  
**Rank Date:** 12/10/2018  

Assigned Rank Comments: None.  
Rank Adjustment Notes: There is only a single site documented with an herbarium collection. Much of the species range is out of the range of the Northern Spotted Owl and therefore much of the habitat would not have been surveyed for this species. Identification of the species requires microscopic examination so it takes a concerted effort to document sites. The 11 purported records on the Mushroom Observer website suggests that there are additional sites so I (M. Russell) ranked it S1S2. R. Hamill adjusted it to S2.

**Range Extent:**  
EF = 5000-200,000 sq km (~2000-80,000 sq miles)  
Comments: There are confirmed records of this species from California in the Sierra Nevada Mountains of Sierra County and the Cascades of Siskiyou county. Those records constitute a range of about 5400 sq. km. On the mushroomobserves.org website there are pictures purporting to be R. coulterae from 11 sites in the California Cascades and Sierra Nevada from Siskiyou and Modoc Counties to Tuolumne County. if those sites are included the range would be around 25,000 sq. km.

**Population Size:** Not assessed  
Comments: None

**Number of Occurrences:** B = 6 - 20  
Comments: There are seven confirmed occurrences. On the mushroomobserved.org website there are photos purporting to be this species from up to 11 more sites.

**Area of Occupancy:** D = 6-25 4-km2 grid cells  
Comments: The confirmed sites occupy 7 grid squares. On the mushroomobserver.org website there are photos purporting to be this species from up to 11 more sites.

**Good Viability:** A = No occurrences with excellent or good (A or B) viability or ecological integrity  
Comments: no collections are documented from permanently protected areas.

**Environmental Sensitivity:** B = Narrow. Specialist or community with key requirements common  
Comments: This is a mycorrhizal species associated to late successional forests

**Short Term Trends:** Not Evaluated  
Comments: None
Long Term Trends: Not Evaluated

Threat Impact: C = Medium

Intrinsic Vulnerability: Not Evaluated

Calculated Rank: S2

Rank Author: Michael Russell
Rank Reviewer: Ron Hamill

References:


Definitions and Resources:

<table>
<thead>
<tr>
<th>Rank Prefixes</th>
<th>Rank Values</th>
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<tbody>
<tr>
<td>G</td>
<td>Critical imperiled</td>
</tr>
<tr>
<td>S</td>
<td>Secure, common, abundant, and widespread</td>
</tr>
<tr>
<td>1</td>
<td>Critically imperiled</td>
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<tr>
<td>2</td>
<td>Imperiled</td>
</tr>
<tr>
<td>3</td>
<td>Vulnerable</td>
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<tr>
<td>4</td>
<td>Apparently secure, uncommon but not rare</td>
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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