Conservation Status Assessment

Scientific Name: *Chalciporus piperatus*

Classification: Fungus

Assessment area: Global

Heritage Rank: G4

Rank Date: 3/9/2017

Rank Reasons: Widespread species with many occurrences located in protected areas.

Range Extent: H = >2,500,000 sq km (> 1,000,000 sq mi)

Comments: Widespread species. Found across North America with some occurrences also in South America and Europe and Asia, and even New Zealand.

Population Size: Not assessed

Comments: None

Number of Occurrences: E = >300

Comments: Many occurrences, found worldwide almost, at least 300 in North and South America.

Area of Occupancy: F = 126-500 4-km² grid cells

Comments: Greater than 300 occurrences, so covering at least 300 grid cells. Clustered occurrences in many areas so likely in the high end of this range.

Good Viability: E = Many (41-125) occurrences with excellent or good viability or ecological integrity


Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: Not Evaluated
Element Ranking Form

Comments: None

Long Term Trends: Not Evaluated
Comments: None

Threat Impact: C = Medium
Comments:
At least 60 occurrences are in protected areas. There is still a threat of logging to those not in protected areas. Camacho 2002: “This is a mycorrhizal species it is dependent on a host tree for its carbohydrates. Studies have shown that if the tree is killed the mycorrhizal fungi die shortly after. The one possibly saving feature of this species it the spore bank. However, nothing is known about the spore bank of this species.”

Intrinsic Vulnerability: Not Evaluated
Comments: None

Calculated Rank: G4

Rank Author: Caitlin Lawrence
Rank Reviewer: Scot Loring

References: No additional references listed.

Definitions and Resources:

<table>
<thead>
<tr>
<th>Rank Prefixes</th>
<th>Global rank, applied to taxon’s full geographic range</th>
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<tbody>
<tr>
<td>G</td>
<td></td>
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<tr>
<td>S</td>
<td>State rank, applied to taxon's range within the designated state</td>
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</table>

<table>
<thead>
<tr>
<th>Rank Values</th>
<th></th>
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<tbody>
<tr>
<td>1</td>
<td>Critically imperiled</td>
</tr>
<tr>
<td>2</td>
<td>Imperiled</td>
</tr>
<tr>
<td>3</td>
<td>Vulnerable</td>
</tr>
<tr>
<td>4</td>
<td>Apparently secure, uncommon but not rare</td>
</tr>
<tr>
<td>5</td>
<td>Secure, common, abundant, and widespread</td>
</tr>
</tbody>
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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