

Heritage Ranking Form - State Rank

Scientific Name: Pterostichus johnsoni

Common Name: Johnson's waterfall carabid beetle

Classification: Invertebrate Animal

Range Extent: E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

Comments: Convex hull of range estimated by Xerces Soc. 11,132 km²

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

Comments: 12 4-km² grid cells

Number of Occurrences: CD = 21 - 300

Comments: Only 14 Oregon records documented, but Bergdahl (2008) states there are more than 200 localities in OR & WA.

Population Size: U = Unknown

Comments: None

Good Viability: U = Unknown

Comments: None

Environmental Specificity: U = Unknown

Comments: None

Short Term Trends: U = Unknown

Comments: None

Long Term Trends: U = Unknown

Comments: None

Threat Impact: C = Medium

Comments: Logging operations, clearcuts, or road building can disrupt populations if buffers are not in place. Some populations in Columbia River Gorge are overcollected.

**Intrinsic
Vulnerability:** Not Evaluated

Comments: None

Heritage Rank: S3

Comments: Rank changed from S2? To S3 based on information from James Bergdahl and Xerces Society that its distribution may be larger than thought. Bergdahl has 'many' specimens and locations for this species not included in our records.

Rank Notes: None

Reference or Notes: None

Rank Date: 8/9/2010

Rank Author: E. Gaines

Oregon Biodiversity Information Center
Institute for Natural Resources
Portland State University
Mail Stop: INR, PO Box 751
Portland, OR 97201-0751
503-725-9950
www.orbic.pdx.edu