

Heritage Ranking Form - State Rank

Scientific Name: *Agonum belleri*
Common Name: Beller's ground beetle
Classification: Invertebrate Animal

Heritage Rank: **S1**

Rank Date: 2/16/2016
Comments: Few populations, limited dispersal ability, narrow habitat needs, threats from habitat loss/modification.

Range Extent: A = <100 sq km (< ~40 sq mi)

Comments: 44 sq km. May occur elsewhere, though surveys have not turned up yet. Very limited dispersal ability.

Population Size: U = Unknown

Comments: None

Number of Occurrences: A = 1 - 5

Comments: 2 occurrences

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

Comments: 10 4 km² grid cells. Only 2 known sites in OR. There is apparently suitable habitat that has not been adequately surveyed, but the species is flightless and unlikely to establish new populations.

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

Comments: One occurrence appears stable, the other may be extirpated. Repeated surveys have failed to find (J. Bergdahl, pers com).

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

Comments: Wetland species, restricted to wet sphagnum bogs.

Short Term Trends: U = Unknown

Comments: No trend information available. Appears stable at one site, and possibly extirpated at other.

Long Term Trends: U = Unknown

Comments: None

Threat Impact: B = High

Comments: Urban development and logging are primary threats. Alteration of water regimes also locally important.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Rank Notes: None

References: Bergdahl, J. 2016. Letter from James Bergdahl to E Gaines re *Agonum belleri* and *Scaphinotus manni*. 1/22/16 | Foltz, S. 2009. *Agonum belleri* Species Fact Sheet. <http://www.xerces.org/agonum-belleri/> |

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