

Heritage Ranking Form - Global Rank

Scientific Name: Scaphinotus manni

Common Name: Mann's Mollusk-eating Ground Beetle

Classification: Invertebrate Animal

Range Extent: D = 1,000-5,000 sq km (~400-2,000 sq mi)

Comments: 2000-3000 sq km; restricted to lowland riparian forests along tributaries to the Snake River.

Area of Occupancy: CD = 3-25 4-km² grid cells

Comments: Unknown. All sites are small, patchy and isolated. Probably at lower end of this range. Poor dispersal ability.

Number of Occurrences: A = 1 - 5

Comments: 1 known EO in OR, at least 1 in Colton WA.

Population Size: U = Unknown

Comments: None

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

Comments: Most sites have been damaged/destroyed by dams, grazing or construction.

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

Comments: Riparian gallery forests along tributaries to the Snake River. Dense canopies of alder, cottonwood and hackberry.

Short Term Trends: U = Unknown

Comments: None

Long Term Trends: EF = Decline of 10 - 50%

Comments: Damming of the Upper Snake River eliminated much original habitat, including the type locality.

Threat Impact: A = Very High

Comments: habitat lost to dams, broad threats from grazing, construction, pesticide use.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Heritage Rank: G1G2

Comments: Limited range, few known EOs, significant threats, poor dispersal ability.

Rank Notes: None

Reference or Notes: Jim LaBonte, pers com -see notes in ORBIC Element File. LaBonte, J.R., D.W. Scott, J.D. McIver, J.L. Hayes. 2001. Threatened, endangered, and sensitive insects in Eastern Oregon and Washington forests and adjacent lands. Northwest Science 75:185-198. Notes from WA DNR in element file.

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