

Heritage Ranking Form - State Rank

Scientific Name: Entosphenus minimus

Common Name: Miller Lake Lamprey

Classification: Vertebrate Animal

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

2679 sq km

Population Size: U = Unknown

Comments: None

Number of

Occurrences: A = 1 - 5

Comments: 4 EOs

Area of Occupancy: EF = 26-500 4-km² grid cells

Comments: 154 2km sq grid cells at most. Likely, much of this area is not occupied.

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

Comments: 3 extant occurrences. Status of these is unclear. ODFW has been trying (so far unsuccessfully) to relocate the species in tributaries to Miller Lake.

Environmental

Specificity: Not Evaluated

Comments: None

Short Term Trends: H = Increase of 10 - 25%

Comments: Population increase only because species was discovered outside Miller Lake.
Previously considered extinct.

Long Term Trends: F = Decline of 10 - 30%

Comments: Main population in Miller Lake extirpated.

Threat Impact: U = Unknown

Comments: None

Intrinsic Vulnerability: U = Unknown

Comments: None

Heritage Rank: S2

Comments: Extremely limited range, no longer found in type locality, evolutionarily distinct.

Rank Notes: None

Reference: Kostow, K. 2002. Oregon lampreys: natural history, status and analysis of management issues. Info. Rept. 2002-01, Fish Division, Oregon Dept Fish and Wildlife. | http://oregonstate.edu/dept/ODFW/NativeFish/pdf_files/MillerLakeLampreyConservationPlan.pdf |

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