

Heritage Ranking Form - State Rank

Scientific Name: *Canis lupus*
Common Name: Gray Wolf
Classification: Vertebrate Animal

Heritage Rank: **S1S2**

Rank Date: 2/16/2016

Comments: Although the population is small, the strong increasing trend, large area occupied, and viability of existing packs supports a rank of S1S2.

Range Extent: F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

Comments: Range extent of current packs (2015) is 69,350 sq km.

Population Size: B = 50 - 250 individuals

Comments: 98 adults in 13 packs, plus 12 individuals that are part of a pair or single wolves. Total population estimated at 110 adults in 2015 (ODFW).

Number of Occurrences: 0

Comments: 20 extant EOs, and population has been growing.

Area of Occupancy: H = 2,501-12,500 4-km² grid cells

Comments: 4059 4km² grid cells occupied, based on known wolf use areas as of 2015.

Good Viability: C = Few (4-12) occurrences with excellent or good viability or ecological integrity

Comments: All packs are small, but viable.

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: I = Increase of >25%

Comments: Increase of 36% in 2015, per ODFW.

Long Term Trends: 0

Comments: None

Threat Impact: CD = Medium - Low

Calculated Threat Comments: Threats from illegal take, stochastic environmental or population events, contraction of historic range, and disease. Because of the small population size, OR population is susceptible to elimination from demographic stochasticity.

Assigned Threat Comments: None

Intrinsic Vulnerability: Not Evaluated

Comments: None

Rank Notes: Calculator Rank (unrevised)=S1. Although the population is small, the strong increasing trend, large area occupied, and viability of existing packs supports a rank of S1S2.

References: Oregon Department of Fish and Wildlife. 2015. Oregon Wolf Conservation and Management 2014 Annual Report. Oregon Department of Fish and Wildlife, 4034 Fairview Industrial Drive SE. Salem, OR, 97302. Oregon Department of Fish and Wildlife. 11/9/2015. Updated biological status review for the Gray Wolf (*Canis lupus*) in Oregon and evaluation of criteria to remove Gray Wolf from the List of Endangered Species under the Oregon Endangered Species Act. Oregon Department of Fish and Wildlife, 4034 Fairview Industrial Drive SE. Salem, OR 97302.

http://www.dfw.state.or.us/agency/commission/minutes/15/11_november/Exhibit%20B_Attachment%203_Updated%20Biological%20Status%20Review.pdf Oregon Department of Fish and Wildlife. 2016. Oregon Wolf Conservation and Management 2015 Annual Report. Oregon Department of Fish and Wildlife, 4034 Fairview Industrial Drive SE. Salem, OR, 97302. |

Oregon Department of Fish and Wildlife. 11/9/2015. Updated biological status review for the Gray Wolf (*Canis lupus*) in Oregon and evaluation of criteria to remove Gray Wolf from the List of Endangered Species under the Oregon Endangered Species Act. Oregon Department of Fish and Wildlife, 4034 Fairview Industrial Drive SE. Salem, OR 97302. | ORBIC Biotics database |

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