

Heritage Ranking Form - State Rank

Scientific Name: *Centrocercus urophasianus*

Common Name: Greater sage-grouse

Classification: Vertebrate Animal

Heritage Rank: **S3**

Rank Date: 2/16/2016

Comments: Relatively widespread, with large area of habitat in OR, but populations have declined and are threatened by habitat loss due to invasive species, wildfire, drought. Populations exhibit large fluctuations, which may increase possibility of local extirpations.

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

Comments: 108,816 Sq km

Population Size: F = 10,000 - 100,000 individuals

Comments: ODFW 10 year average estimates between 15,803 and 31,840 individuals between 2006 and 2015.

Number of Occurrences: 0

Comments: None

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

Comments: All EOs with Lastobs 2000 or greater, buffered to 2km. 2420 4km² grid cells. This is likely a high estimate of area of occupancy. 16014 4km² cells when known leks are buffered to 5km. ODFW occupied habitat = 59,980 sq km, or 17592 4km² grid cells.

Good Viability: Not Evaluated

Comments: None

Environmental Sensitivity: Not Evaluated

Comments: None

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

Comments: Estimated 27% population decline from 2010 to 2014.

Long Term Trends: FG = Decline of <30% to relatively stable

Comments: Snake River Plain management zone is in long term decline. Northern Great Basin management zone appears to be stable.

Threat Impact: B = High

Calculated Threat Comments: Significant & wide spread threats from invasive vegetation, drought, wildfire, habitat conversion.

Assigned Threat Comments: Habitat loss, Drought, large population swings.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Rank Notes: None

References: Sage-Grouse Conservation Partnership. 2015. The Oregon Sage-Grouse Action Plan. Governor's Natural Resources Office. Salem, Oregon. <http://oregonexplorer.info/content/oregon-sage-grouse-action-plan?topic=203&ptopic=179> | ORBIC Element Occurrence Database | ODFW. Greater Sage-Grouse occupied habitat GIS layer. Available at: <http://oregonexplorer.info/content/sagecon-data?topic=203&ptopic=179> |

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