

Heritage Ranking Form - State Rank

Scientific Name: *Pekania pennanti*
Common Name: Fisher
Classification: Vertebrate Animal

Heritage Rank: **S1S2**

Rank Date: 4/5/2016
Comments: Greatly reduced range and population size, serious threats

Range Extent: E = 5,000-20,000 sq km (~2,000-8,000 sq mi)

Comments: Currently range is about 11,000 sq km in Oregon. Includes Southern Oregon Cascades Introduced population. This is much reduced from historic Oregon range.

Population Size: CE = 250 - 10,000 individuals

Comments: Population estimates of Northern CA - Southwest OR population range from 258 to 4018 individuals (USFWS 2014)

Number of Occurrences: 0

Comments: Estimated; EOs are likely not a good estimate of conservation concern for this species. Better to use range extent and area occupied. 2 extant populations in OR. 30 EOs post-2000, some of these should be combined, but home range/separation distance is currently unclear.

Area of Occupancy: U = Unknown

Comments: Actual area of occupancy unknown. Fisher are patchily distributed in available habitat.

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

Comments: Within current range, fisher are patchily distributed. Do not seem to occupy all apparently suitable habitat. Remaining populations are small and isolated (USFWS 2014, Aubry and Lewis 2003).

Environmental Sensitivity: Not Evaluated

Comments: None

Short Term Trends: U = Unknown

Comments: Probably gradually declining based on habitat loss.

Long Term Trends: DE = Decline of 30 - 70%

Comments: Large declines of 43 - 68% of historic population (Lewis et al. 2010).

Threat Impact: A = Very High

Comments: Threats from habitat loss and fragmentation, timber harvest, illegal marijuana grow operations, roads. Threats from climate change large but of unknown severity.

Intrinsic Vulnerability: Not Evaluated

Comments: None

Rank Notes: None

References: None

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