## Heritage Ranking Form - State Rank

<table>
<thead>
<tr>
<th>Scientific Name:</th>
<th><em>Pekania pennanti</em></th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Name:</td>
<td>Fisher</td>
</tr>
<tr>
<td>Classification:</td>
<td>Vertebrate Animal</td>
</tr>
</tbody>
</table>

**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 unkown. 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

Rank Author:

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