

Heritage Ranking Form - State Rank

Scientific Name: Arborimus longicaudus

Common Name: Red tree vole

Classification: Vertebrate Animal

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

Range extent = 35,401 sq km per PODS data.

Population Size: 0

Comments: None

Number of

Occurrences: CD = 21 - 300

Comments: Approximately 30 Eos, based on 5 km separation distance.

Area of Occupancy: FG = 126-2,500 4-km² grid cells

Comments: Approximately 520 4km² grid cells based on PODs data. May be more records.

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

Comments: Only of handful of records can be considered secure. Many are fragmented.

Environmental

Specificity: B = Narrow. Specialist or community with key requirements common

Comments: Requires older conifer forests.

Short Term Trends: U = Unknown

Comments: Unknown levels of decline. Likely less than 30%. Populations in NW OR have declined more seriously due to habitat loss.

Long Term Trends: U = Unknown

Comments: Exact level unknown but populaton declines have presumably followed loss of older forest in W OR.

Threat Impact: B = High

Comments: None

Intrinsic Vulnerability: B = Moderately vulnerable

Comments: Limited dispersal ability, strongly prefers older forests.

Heritage Rank: S3

Comments: Limited range for a mammal, strong preference for older coniferous forests, appears to be declining.

Rank Notes: None

Reference: Verts, B.J. and L.N. Carraway. 1998. Land Mammals of Oregon. University of California Press, Berkeley CA. 668 pp. | Hayes, J.P. 1996. *Arborimus longicaudus*. *Mammalian Species* 532:1-5. ORBIC PODs data | NatureServe. 2013. NatureServe Explorer: An online encyclopedia of life [web application]. Version 7.1. NatureServe, Arlington, Virginia. Available <http://www.natureserve.org/explorer>. (Accessed: April 30, 2013). |

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