

# Heritage Ranking Form - State Rank

**Scientific Name:** Carinacauda stormi

**Common Name:** Cascades axe-tail slug

**Classification:** Invertebrate Animal

**Range Extent:** D = 1,000-5,000 sq km (~400-2,000 sq mi)

Comments: Approx 3290 sq km.

**Area of Occupancy:** E = 26-125 4-km<sup>2</sup> grid cells

Comments: Approx 66 4-km sq grid cells. Known from Coast and West Cascade ranges, Oregon

**Number of Occurrences:** C = 21 - 80

Comments: approx 32 EOs

**Population Size:** U = Unknown

Comments: None

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

Comments: None

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

Comments: Western hemlock/Douglas-fir with vine maple at 1800-4000 ft.

**Short Term Trends:** U = Unknown

Comments: recently described.

**Long Term Trends:** U = Unknown

Comments: None

**Threat Impact:** B = High

Comments: Logging, fire

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Heritage Rank:** S2

Comments: Range appears is limited, but species is abundant in some areas. Vulnerable to forest management activities. Surveys may find additional sites .

Rank Notes: None

Reference or Notes: Leonard, WP et al. 2010. *Seuricauda hermani* and *Carinacauda stormi*, two new genera and species of slug from the Pacific Northwest of the United States (Gastropoda: Stylommatophora: Arionidae), with notes on *Gliabates oregonius* Webb 1959. Young, T. et al. 2010. FY2010 ISSSP Report on two salamander slug (*Gliabates oregonius*) survey projects: 1. Mollusk and amphibian species purposive surveys on Salem BLM and Sweet Home/Detroit Ranger Districts of Willamette NF 2. Salamander slug and secondary mollusk and amphibian species purposive surveys on Willamette and Umpqua NFs. Unpublished USFS report.

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Rank Author: E Gaines

Oregon Biodiversity Information Center  
Institute for Natural Resources  
Portland State University  
Mail Stop: INR, PO Box 751  
Portland, OR 97201-0751  
503-725-9950  
www.orbic.pdx.edu