

Heritage Ranking Form - State Rank

Scientific Name: Cryptomastix hendersoni

Common Name: Columbia Gorge oregonian (snail)

Classification: Invertebrate Animal

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

Comments: 4069 sq km

Area of Occupancy: D = 6-25 4-km² grid cells

Comments: 20 4-km sq grid cells. Restricted range with significant gaps between populations.

Number of Occurrences: B = 6 - 20

Comments: 15 EOs; 9 extant, others status unknown.

Population Size: CE = 250 - 10,000 individuals

Comments: This is a guess, based on the number of known populations and habitat available.

Good Viability: BC = Very few to few (1-12) occurrences with good viability

Comments: Estimate, based on number of extant EOs

Environmental

Specificity: C = Moderate. Generalist or community with some key requirements scarce

Comments: Occurs in two distinct habitat types: Low elevation, semi-arid, east end of Columbia R Gorge in spring fed strams and talus, and in mid-elevation damp areas under closed hemlock/Douglas-fir canopies.

Short Term Trends: U = Unknown

Comments: None

Long Term Trends: U = Unknown

Comments: None

Threat Impact: B = High

Comments: loss of moist microhabitats from recreation, wood removal, water diversion. small, patchy range

Intrinsic Vulnerability: Not Evaluated

Comments: None

Heritage Rank: S1S2

Comments: None

Rank Notes: Calculator Rank (unrevised)=S2. Limited, patchy distribution. Vulnerable to habitat modification.

Reference or Notes: Duncan, N. 2005. Conservation Assessment for *Cryptomastix herdersoni*, Columbia Oregonian. USDA Forest Service Region 6 and USDI Bureau of Land Management, Oregon and Washington.

Rank Date: 10/7/2011

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