

Heritage Ranking Form - State Rank

Scientific Name: Colligyrus sp. 4

Common Name: Columbia duskysnail

Classification: Invertebrate Animal

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

Comments: 1502 sq km. Searched for and not found on Umatilla NF, Groves 2007. Columbia Gorge endemic

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

Comments: 20 4-km sq grid cells. Sporadic distribution within small area.

Number of Occurrences: B = 6 - 20

Comments: 16 EOs. Known from 60 sites in OR and WA (Duncan 2005).

Population Size: D = 1,000 - 2,500 individuals

Comments: This is a guess. Few individuals at each site.

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: Springs and spring outflows.

Short Term Trends: U = Unknown

Comments: None

Long Term Trends: U = Unknown

Comments: None

Threat Impact: B = High

Comments: Water diversion, road construction, logging, fires, recreation.

**Intrinsic
Vulnerability:** Not Evaluated

Comments: None

Heritage Rank: S2

Comments: Small, sporadic range, specific habitat. Few EOs

Rank Notes: None

Reference or Notes: Groves, K. 2007. Aquatic spring snail survey and habitat analysis. Umatilla National Forest. | Duncan, N. 2005. Conservation Assessment for Mollusk species associated with springs and spring runs: *Fluminicola* new species 2, 3, 11, *Vorticifex klamathensis sinitsini*, *Jufa* (*Oreobasis*) new species 2, and

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