**Heritage Ranking Form - Global Rank**

**Scientific Name:** Juga sp. 1

**Common Name:** Basalt juga (snail)

**Classification:** Invertebrate Animal

**Range Extent:** BC = 100-1000 sq km (~40-400 sq miles)

Comments: Restricted to Columbia River Gorge

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

Comments: Documented at 28 sites rangewide. Each site is very small.

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

Comments: 28 documented sites.

**Population Size:** BD = 50 - 2500 individuals

Comments: Guess based on number of known sites and number of individuals typically found.

**Good Viability:** B = Very few (1-3) occurrences with excellent or good viability or ecological integrity

Comments: All sites are very small.

**Environmental Specificity:** A = Very narrow. Specialist or community with key requirements scarce

Comments: Restricted to low elevation, pristine, cold springs in tributaries to Columbia River.

**Short Term Trends:** U = Unknown
Comments: None

**Long Term Trends:**

CE = Decline of 30 - 80%

Comments: This is a guess, based on Duncan 2005. Sites lost to Columbia River dams, road and railroad construction.

**Threat Impact:**

B = High

Comments: Threatened by water diversion, water pollution, elevated water temperature, increased sedimentation. Historically, logging and road/railroad building were threats, not clear if this is still a threat.

**Intrinsic Vulnerability:**

BC = Moderately vulnerable to not intrinsically vulnerable

Comments: None

**Heritage Rank:**

G2

Comments: Restricted range, Narrow habitat requirements, few known populations. Has been destroyed at some former sites.

Rank Notes: None


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