

Heritage Ranking Form - State Rank

Scientific Name: Gomphus lynnae

Common Name: Columbia clubtail

Classification: Invertebrate Animal

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

Comments: Known range extent approximately 1,000 sq km. Likely range extent somewhat more.

Area of Occupancy: E = 26-125 4-km² grid cells

Comments: Known EOs approx 100 4-km² grid cells. Locations are not precise however.

Number of Occurrences: A = 1 - 5

Comments: Known from John Day, Owyhee, and possibly Grand Ronde Rivers.

Population Size: FG = 10,000 - 1,000,000 individuals

Comments: Dennis Paulson estimated John Day population (largest OR population) at 10,000 to 100,000 individuals. Paulson and Steve Valley suspect this species is more common than records indicate.

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

Comments: One population (John Day River) known to have strong population (as of 1998).

Environmental Specificity: None

Comments: None

Short Term Trends: U = Unknown

Comments: None

Long Term Trends: U = Unknown

Comments: None

Threat Impact: BC = High - Medium

Comments: Ag runoff & siltation, predatory fish.

**Intrinsic
Vulnerability:** Not Evaluated

Comments: None

Heritage Rank: S2

Comments: Although Paulson & Valley have stated they believe there are other populations in OR, no new occurrences have been documented in last 10 years. Apparently isolated populations. Few EOs.

Rank Notes: Calculator Rank (unrevised)=S2S3. Too few EOs to rank S3. Range extent on low end.

Reference or Notes: Sources: Dennis Paulson, pers comm. Steve Valley, pers com. ISSSP Species Fact Sheet.

Rank Date: 7/22/2010

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