

## Heritage Ranking Form - State Rank

**Scientific Name:** *Homoplectra schuhi*  
**Common Name:** Schuh's Homoplectran Caddisfly  
**Classification:** Invertebrate Animal

**Heritage Rank:** **S3?**

Rank Date: 6/24/2016

Comments: Patchily distributed across a relatively large portion of Western OR. Narrow habitat requirements with threats from logging, road building. Only 15 known sites post-2000. Additional surveys needed.

**Range Extent:** F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

Comments: 44,127 sq km range extent based on known records.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** BC = 6 - 80

Comments: About 31 EOs based on 5 km separation distance for caddisflies. 18 records are prior to 2000; 15 are post 2000.

**Area of Occupancy:** EF = 26-500 4-km<sup>2</sup> grid cells

Comments: 33 -350 4km<sup>2</sup> grid cells. There are currently 33 records. Likely limited to seeps, springs, spring channels, and creeks in forested and often montane areas (Fallon et al. 2014). If the 33 sites are buffered to 5km, these sites intersect with 350 4km<sup>2</sup> grid cells. Species has not been thoroughly surveyed for, so additional sites may exist.

**Good Viability:** U = Unknown

Comments: None

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

Comments: None

**Short Term Trends:** U = Unknown

Comments: None

**Long Term Trends:** U = Unknown

Comments: None

**Threat Impact:** BC = High - Medium

Comments: Specific threats have not been identified. However, flow alterations and activities that degrade water quality or increase siltation are likely to have negative effects (Wisseman 2003, Fallon

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

Rank Notes: None

References: Fallon et al. 2015. Homoplectra schuhi Species Fact Sheet. Prepared for USFS/BLM ISSSSP. Available at <http://www.fs.fed.us/r6/sfpnw/issssp/documents3/sfs-iitr-homoplectra-schuhi-201504-508.pdf> ORBIC Element Occurrence records

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