A Stonefly  
*Perlomyia collaris*

Insecta — Plecoptera — Leuctridae

**CONSERVATION STATUS / CLASSIFICATION**
- Rangewide: Vulnerable (G3)
- Statewide: Critically imperiled (S1)
- ESA: No status
- USFS: Region 1: No status; Region 4: No status
- BLM: No status
- IDFG: Not classified

**BASIS FOR INCLUSION**
Lack of essential information pertaining to status; 1 known location in Idaho.

**TAXONOMY**
*Perlomyia collaris* was described in 1906 (Baumann et al. 1977).

**DISTRIBUTION AND ABUNDANCE**
This species occurs in California, Idaho, Oregon, British Columbia, and the Yukon Territory. In Idaho, the species is known only from Nez Perce County (Baumann et al. 1977).

**POPULATION TREND**
No data are available to suggest population trend.

**HABITAT AND ECOLOGY**
Baumann et al. (1977) state that the species occurs in creeks and rivers of the Pacific Northwest, particularly in spring-fed areas.

**ISSUES**
Specific threats to Idaho populations have not been identified. In general, stonefly populations are affected by changes to aquatic habitat, such as alteration of flow patterns, streambed substrate, thermal characteristics, and water quality. Because this species is associated with sites having particularly high water quality, populations may be especially vulnerable to alteration and degradation of aquatic habitat.

**RECOMMENDED ACTIONS**
Field surveys are needed to determine the distribution and habitat needs of this species.
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Point data are from Idaho Conservation Data Center, Idaho Department of Fish and Game.