A Stonefly  
*Megaleuctra kincaidi*

Insecta — Plecoptera — Leuctridae

**CONSERVATION STATUS / CLASSIFICATION**
- Rangewide: Imperiled (G2)
- 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 population in Idaho.

**TAXONOMY**
*Megaleuctra kincaidi* was described in 1942 (Baumann et al. 1977).

**DISTRIBUTION AND ABUNDANCE**
This species occurs in Idaho, Washington, and Oregon. Most populations occur in the Cascade Range, but a single population occurs in Clearwater County, near the Montana border (Baumann et al. 1977). Baumann et al. (1977) described this species as rare.

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

**HABITAT AND ECOCLOGY**
This species is generally associated with springs and seeps.

**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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Map created on December 6, 2005
and prepared by Idaho Conservation Data Center.
Sources: Point data are from Idaho Conservation Data Center,
Idaho Department of Fish and Game (2005).