
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 ECOLOGY

This species is generally associated with springs and seeps.

ISSUES

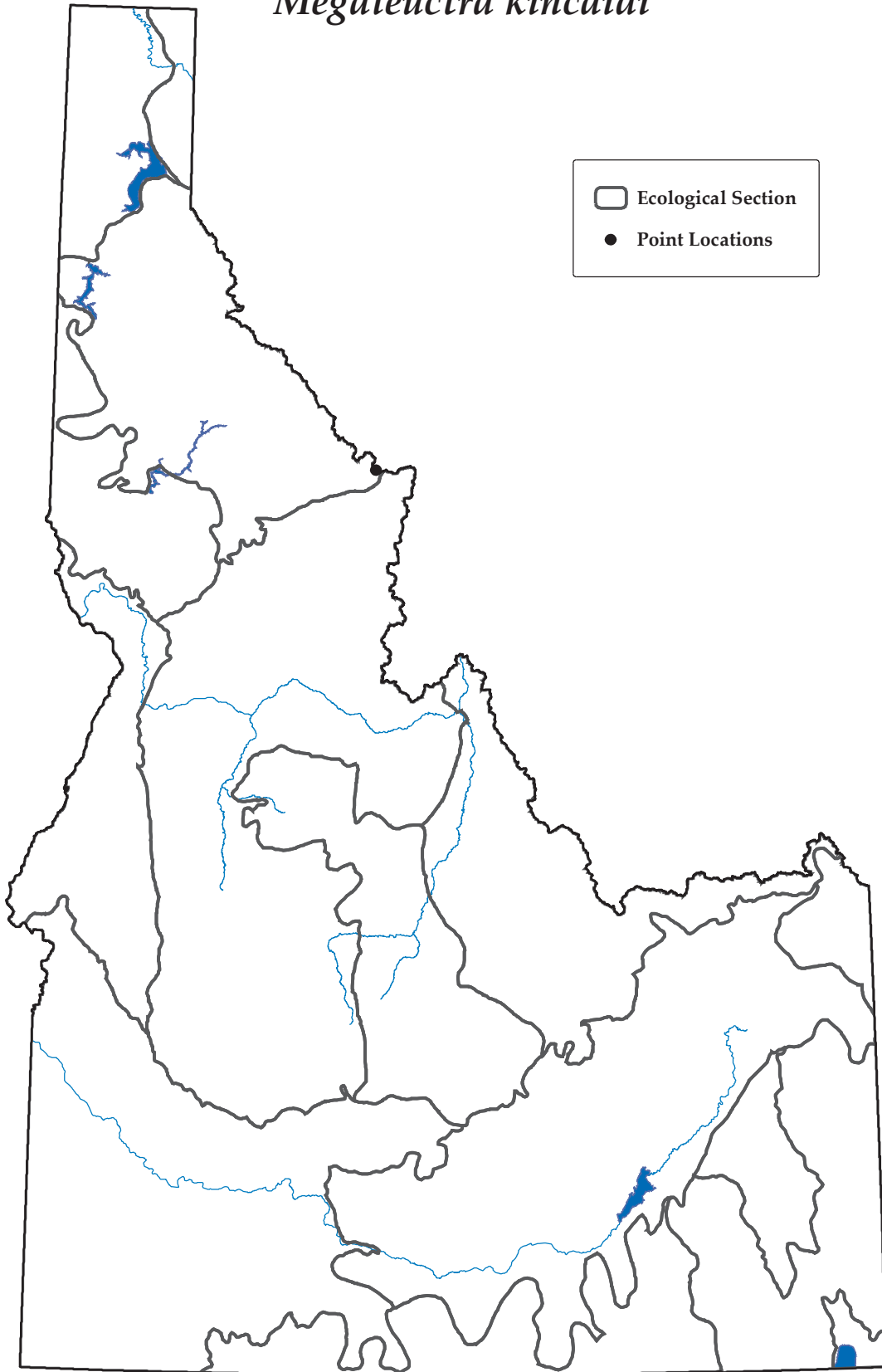
Specific threats to Idaho populations have not been identified. In general, stonefly populations are affected by changes to aquatic habitat, such as alteration of flow patterns, streambed substrate, thermal characteristics, and water quality. Because this species is associated with sites having particularly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

