
A Stonefly

Bolshecapnia milami

Insecta — Plecoptera — Capniidae

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 and no population trend data.

TAXONOMY

The taxon was described in 1967 as *Capnia milami* and later (Baumann et al. 1977) transferred to the genus *Bolshecapnia*.

DISTRIBUTION AND ABUNDANCE

This species occurs at scattered localities in Idaho, Montana, New Mexico, Alberta, and British Columbia. In Idaho, a population has been found in a single locality in Blaine County (Baumann et al. 1977; Newell and Minshall 1976; Newell and Minshall 1979a).

POPULATION TREND

No data are available to suggest population trend.

HABITAT AND ECOLOGY

The adults of *B. milami* have only been collected in March (Baumann et al. 1977; Newell and Minshall 1979a). No data have been documented describing habitat needs.

ISSUES

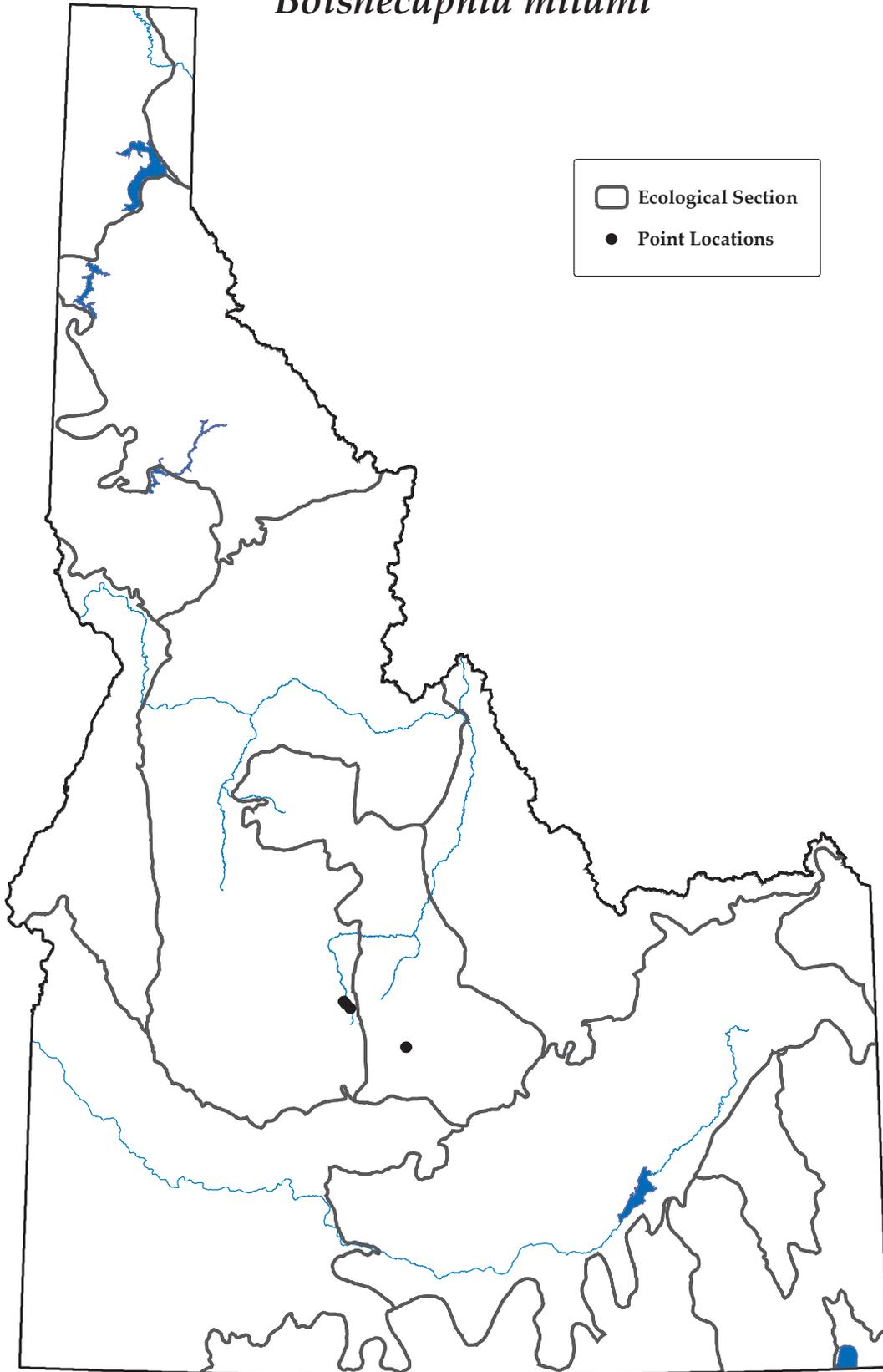
Specific threats to Idaho populations have not been identified. In general, stonefly populations are affected by changes to aquatic habitat, such as alteration of flow patterns, streambed substrate, thermal characteristics, and water quality. Alteration and degradation of aquatic habitat is the primary concern for Idaho populations.

RECOMMENDED ACTIONS

The distribution and habitat needs are not understood for this species; surveys are needed to acquire information describing current status and conservation needs.

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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).

