
A Mayfly

Paraleptophlebia jenseni

Insecta — Ephemeroptera — Leptophlebiidae

CONSERVATION STATUS / CLASSIFICATION

Rangewide: Imperiled/Apparently secure (G2G4)
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

Paraleptophlebia jenseni was described in 1999. The type locality is in Washington state (Jensen 1966). Jensen (1966) contained an unpublished description of a new species, *P. judianna*. A series of specimens of an undescribed mayfly from Washington state exhibited characteristics contained in Jensen's unpublished description, so the Washington series was used to describe *P. jenseni*. McCafferty and Kondratieff (1999) included Jensen's (1966) locality in the distribution of *P. jenseni*.

DISTRIBUTION AND ABUNDANCE

The distribution comprises localities in Idaho and Washington. In Idaho the species is represented by a single population located in Owyhee County (McCafferty and Kondratieff 1999).

POPULATION TREND

The population trend and current status of the population in Idaho are not known.

HABITAT AND ECOLOGY

No information has been documented describing the habitat occupied by this species.

ISSUES

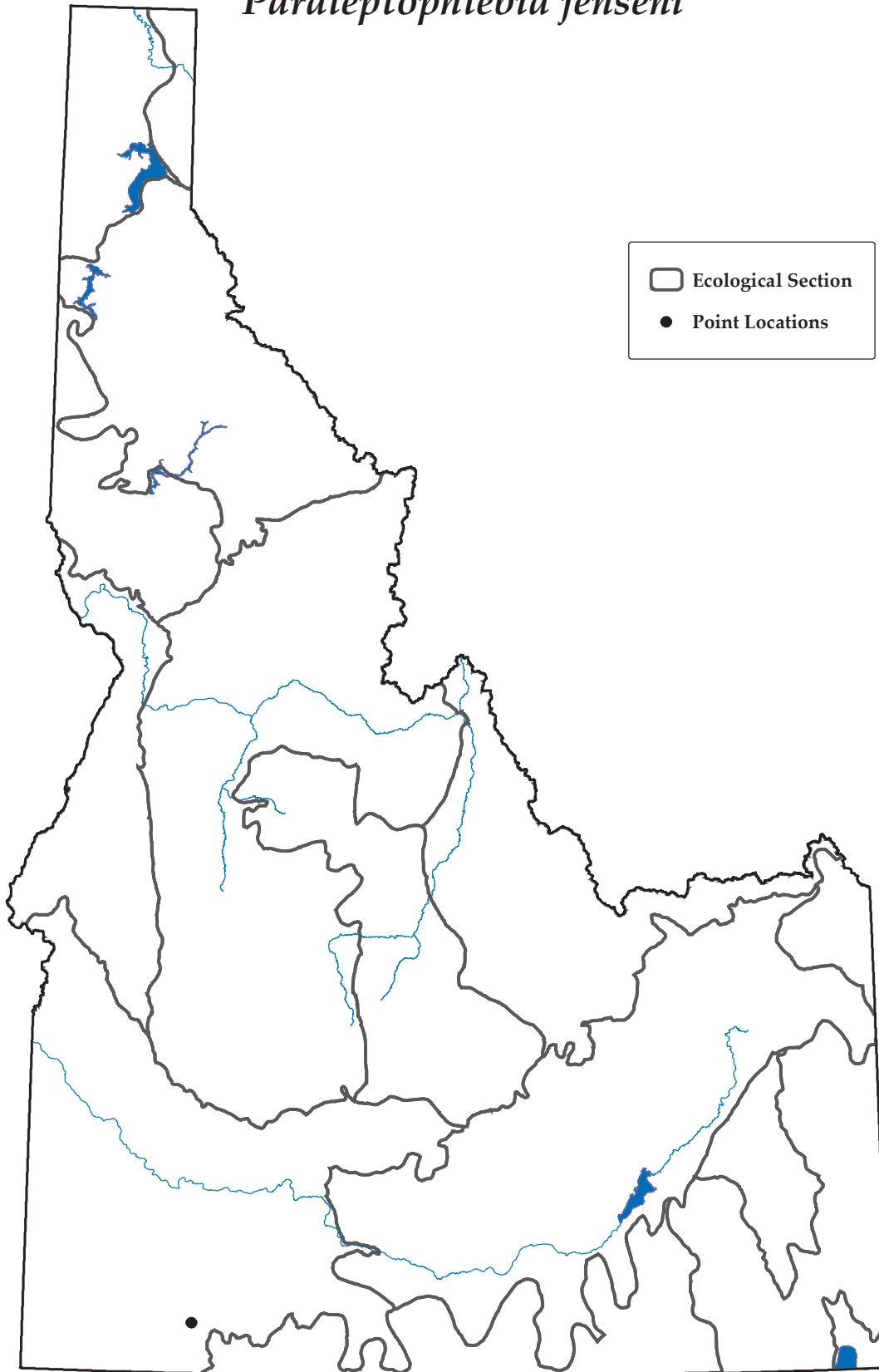
Specific threats to Idaho populations have not been identified. In general, mayfly populations are affected by changes to aquatic habitat, such as alteration of flow patterns, streambed substrate, thermal characteristics, and water quality. Alteration and degradation of aquatic habitat is the primary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

RECOMMENDED ACTIONS

The only collection of this species in Owyhee County was made during 1965 (Jensen 1966). Additional field surveys of the Idaho locality and surrounding areas are needed to confirm that the population persists and to confirm the identification of this population.

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2 August 2005
Point data are from Idaho Conservation Data Center,
Idaho Department of Fish and Game.

