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## A Mayfly

### *Paraleptophlebia traveræ*

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Insecta — Ephemeroptera — Leptophlebiidae

#### **CONSERVATION STATUS / CLASSIFICATION**

Rangewide: Possibly extinct (GH)  
Statewide: Possibly extinct (SH)  
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; Idaho endemic.

#### **TAXONOMY**

*Paraleptophlebia traveræ* was described in 1999. The species description is based on a single adult male collected in 1907. Originally, the specimen was misidentified as *P. rufivenosa* (Jensen 1966). The species is similar to *P. jenseni* and *P. bruneipennis* (McCafferty and Kondratieff 1999).

#### **DISTRIBUTION AND ABUNDANCE**

This species is known to occur only in Idaho and may be endemic to a single locality in Idaho County (McCafferty and Kondratieff 1999). No recent collections of this species have been documented, and the current status of the species is not known.

#### **POPULATION TREND**

Population trend is not known.

#### **HABITAT AND ECOLOGY**

No description of the habitat occupied by this species has been documented.

#### **ISSUES**

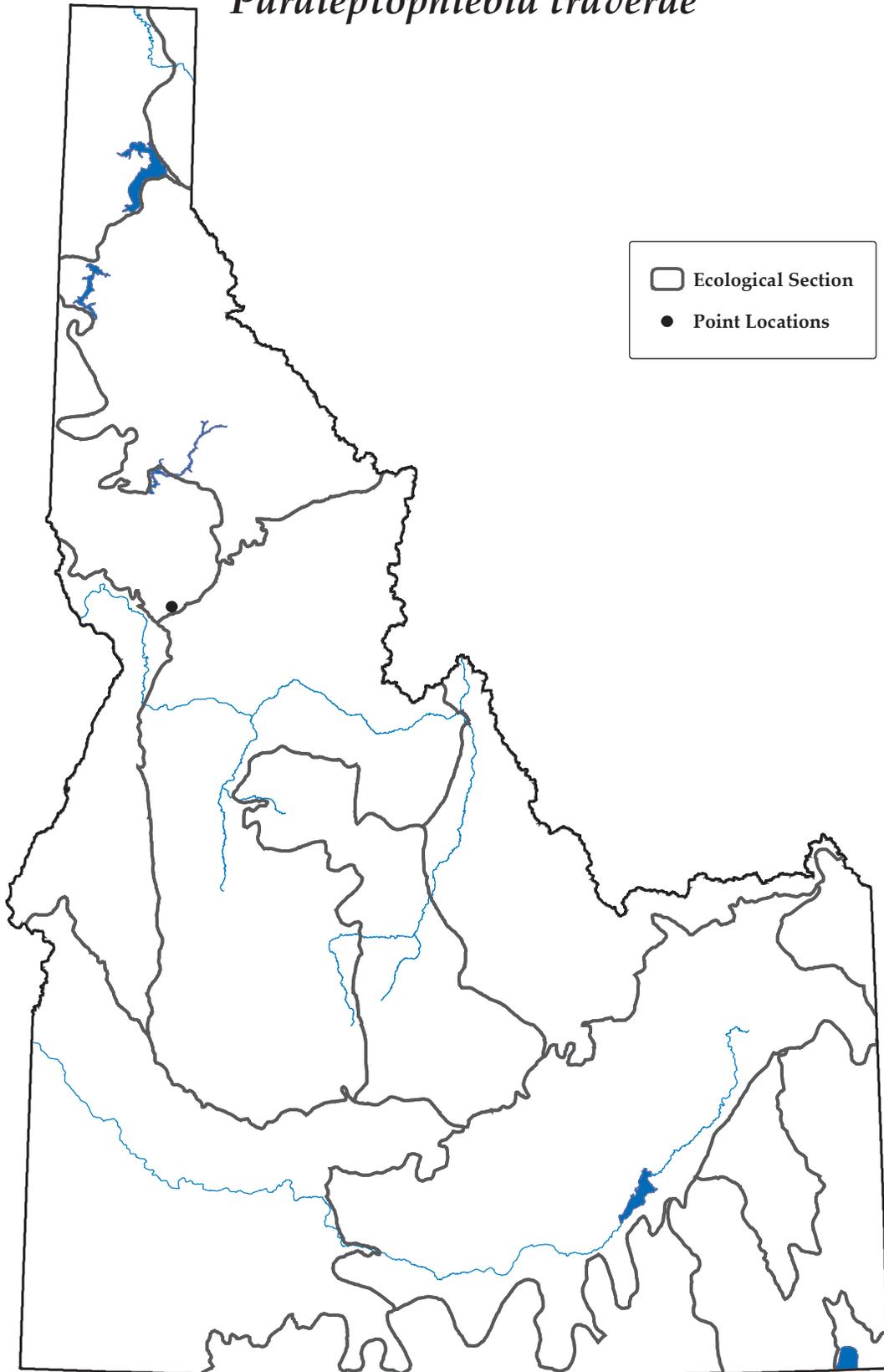
Specific threats to Idaho populations have not been identified. In general, mayfly populations are affected by changes to aquatic habitat, such as alteration of flow patterns, streambed substrate, thermal characteristics, and water quality. Alteration and degradation of aquatic habitat is the primary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

#### **RECOMMENDED ACTIONS**

The only collection of this species was made during 1907 (McCafferty and Kondratieff 1999). Surveys are needed to determine if the species persists. Efforts are needed to identify conservation needs for any extant populations.

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## *Paraleptophlebia traversae*



0 20 40 80 Kilometers

0 20 40 80 Miles

2 August 2005

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

