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## A Stonefly

### *Taenionema umatilla*

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Insecta — Plecoptera — Taeniopterygidae

#### **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; limited distribution and no population trend data.

#### **TAXONOMY**

*Taenionema umatilla* was described in 1993 (Stanger and Baumann 1993).

#### **DISTRIBUTION AND ABUNDANCE**

This species occurs in west central Idaho and eastern Oregon. In Idaho, the species is known from locations in Latah County (Stanger and Baumann 1993).

*Taenionema umatilla* is “a rarely collected species” (Stanger and Baumann 1993).

#### **POPULATION TREND**

No data are available to suggest population trend.

#### **HABITAT AND ECOLOGY**

The species is known from creeks and small rivers. It has been collected in April and May (Stanger and Baumann 1993).

#### **ISSUES**

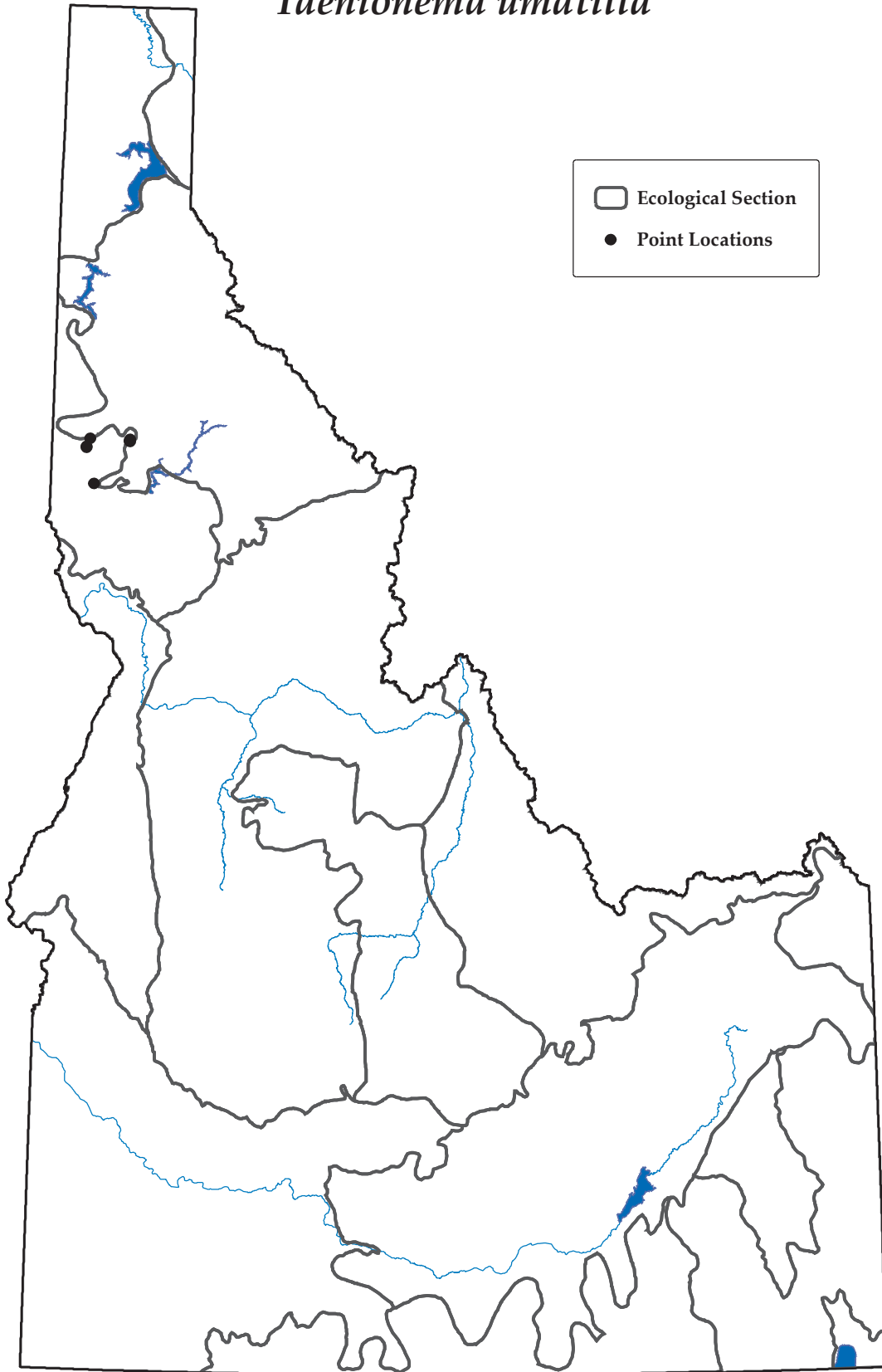
Specific threats to Idaho populations have not been identified. In general, stonefly populations are affected by changes to aquatic habitat, such as alteration of flow patterns, streambed substrate, thermal characteristics, and water quality. Alteration and degradation of aquatic habitat is the primary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

#### **RECOMMENDED ACTIONS**

Surveys are needed to determine the current status of known populations and the distribution of populations in the state.

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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).

