
A Mayfly *Ameletus tolai*

Insecta — Ephemeroptera — Ameletidae

CONSERVATION STATUS / CLASSIFICATION

Rangewide: Critically imperiled/Vulnerable (G1G3)
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 location in Idaho.

TAXONOMY

This species was described in 1996 (Zloty 1996).

DISTRIBUTION AND ABUNDANCE

The distribution of this mayfly comprises northeastern Oregon and Idaho. A single collection has been documented in Idaho.

POPULATION TREND

No data are available to suggest population trend.

HABITAT AND ECOLOGY

No description of the habitat in Idaho is documented. In general, the nymphs of mayflies of the genus *Ameletus* are inhabitants of running waters, generally in mountainous areas, from headwater spring brooks to large rivers where they occur in littoral vegetation (Zloty 1996; Zloty and Pritchard 1997).

ISSUES

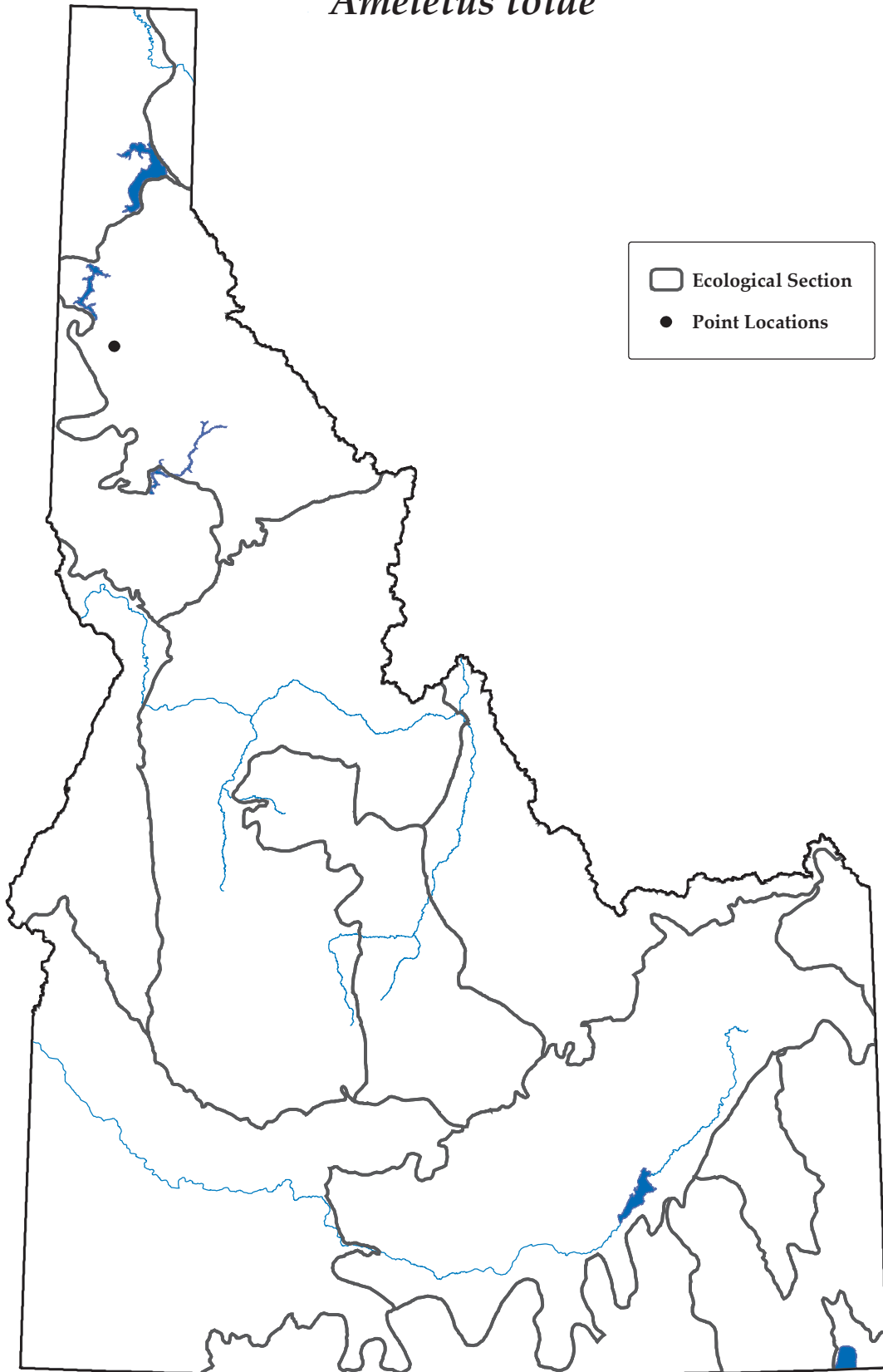
Specific threats to Idaho populations have not been identified. In general, mayfly populations are affected by changes to aquatic habitat, such as alteration of flow patterns, streambed substrate, thermal characteristics, and water quality. Alteration and degradation of aquatic habitat is the primary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

RECOMMENDED ACTIONS

Surveys are needed to define the distribution of this species. Data are also needed that describe habitat affinities and requirements such that appropriate habitat conservation actions can be identified and implemented.

A Mayfly

Ameletus tolai



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

