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## A Mayfly

### *Ameletus suffusus*

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Insecta — Ephemeroptera — Ameletidae

#### 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.

#### TAXONOMY

*Ameletus suffusus* was described in 1936, and no subspecies have been proposed.

#### DISTRIBUTION AND ABUNDANCE

This species occurs in British Columbia, Alberta, Oregon, and Idaho. The species is known from 1 Idaho collection in Latah County where a single immature nymph was collected (Lester et al. 2002).

#### POPULATION TREND

Current population trend is unknown.

#### HABITAT AND ECOLOGY

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

#### ISSUES

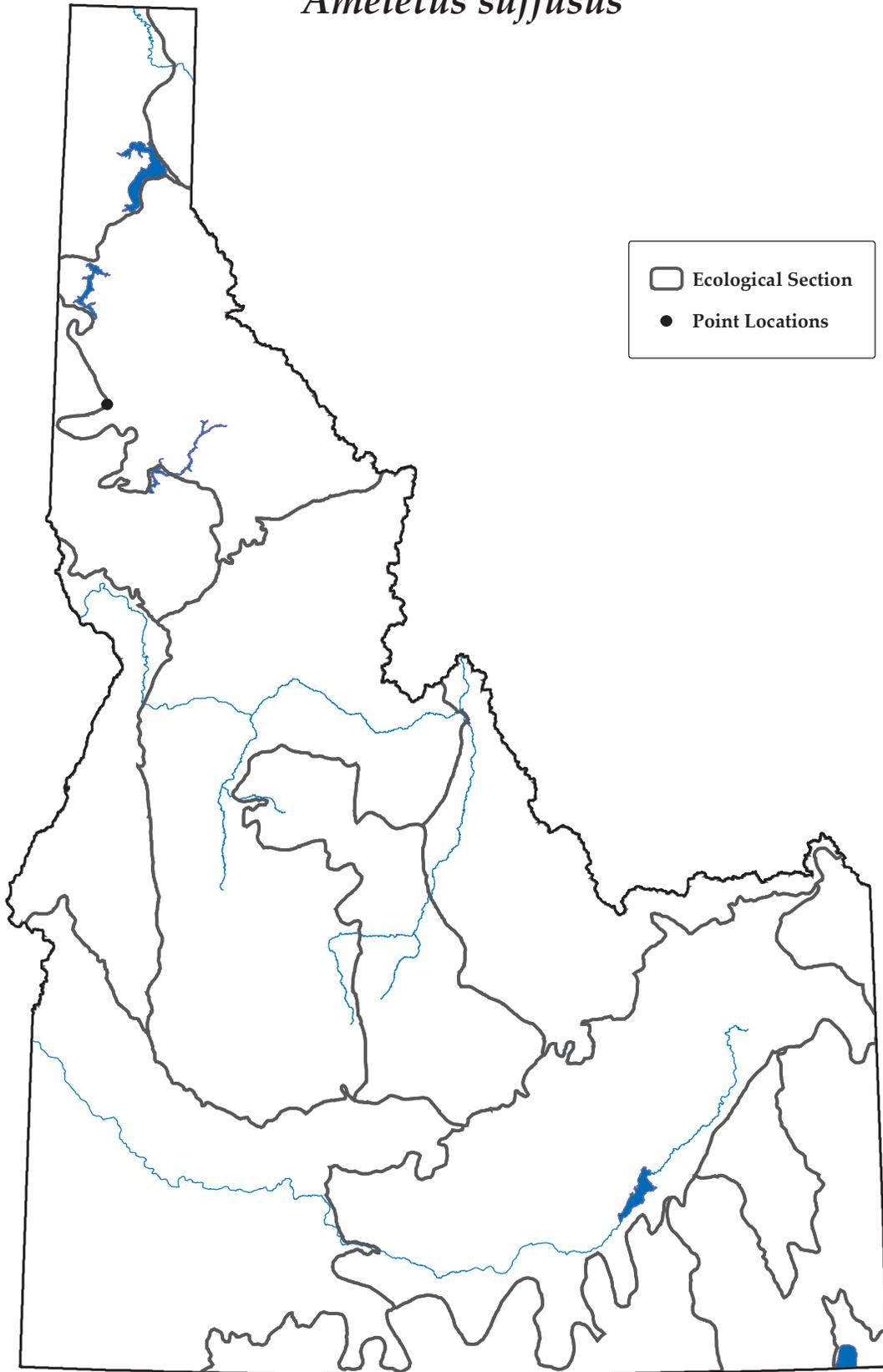
Specific threats to Idaho populations have not been identified. In general, mayfly populations are affected by changes to aquatic habitat, such as alteration of flow patterns, streambed substrate, thermal characteristics, and water quality. Alteration and degradation of aquatic habitat is the primary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

#### RECOMMENDED ACTIONS

This is a poorly known species, collected at few sites throughout its range (Lester et al. 2002; Zloty 1996). Surveys are needed at the site reported in Idaho to confirm the presence of the species in the state. Additional surveys should be conducted to define the distributional extent and population size.

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

