
A Mayfly

Ametropus ammophilus

Insecta — Ephemeroptera — Ametropodidae

CONSERVATION STATUS / CLASSIFICATION

Rangewide: Vulnerable/Apparently secure (G3G4)
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

Isolated populations; no trend data.

TAXONOMY

Ametropus ammophilus was described in 1976 (Allen and Edmunds 1976). The holotype and paratopotypes are from Washington. Paratypes are from Oregon.

DISTRIBUTION AND ABUNDANCE

The distribution of this mayfly comprises locations in California, Idaho, Montana, Oregon, Washington, and Alberta. The Idaho distribution includes the Payette River and Middle Fork Payette River in Boise County and the Salmon River in Idaho County (Lester et al. 2002).

POPULATION TREND

No data describing population trend are documented.

HABITAT AND ECOLOGY

Nymphs occur in moderate to large fast-flowing streams at elevations up to about 1200 m. Nymphs live in sand. One collection site in Montana was a river that was between 9-12 m in width and >2 m in depth. The river bed was composed of sand with scattered rocks up to 30 cm in diameter (Allen and Edmunds 1976).

ISSUES

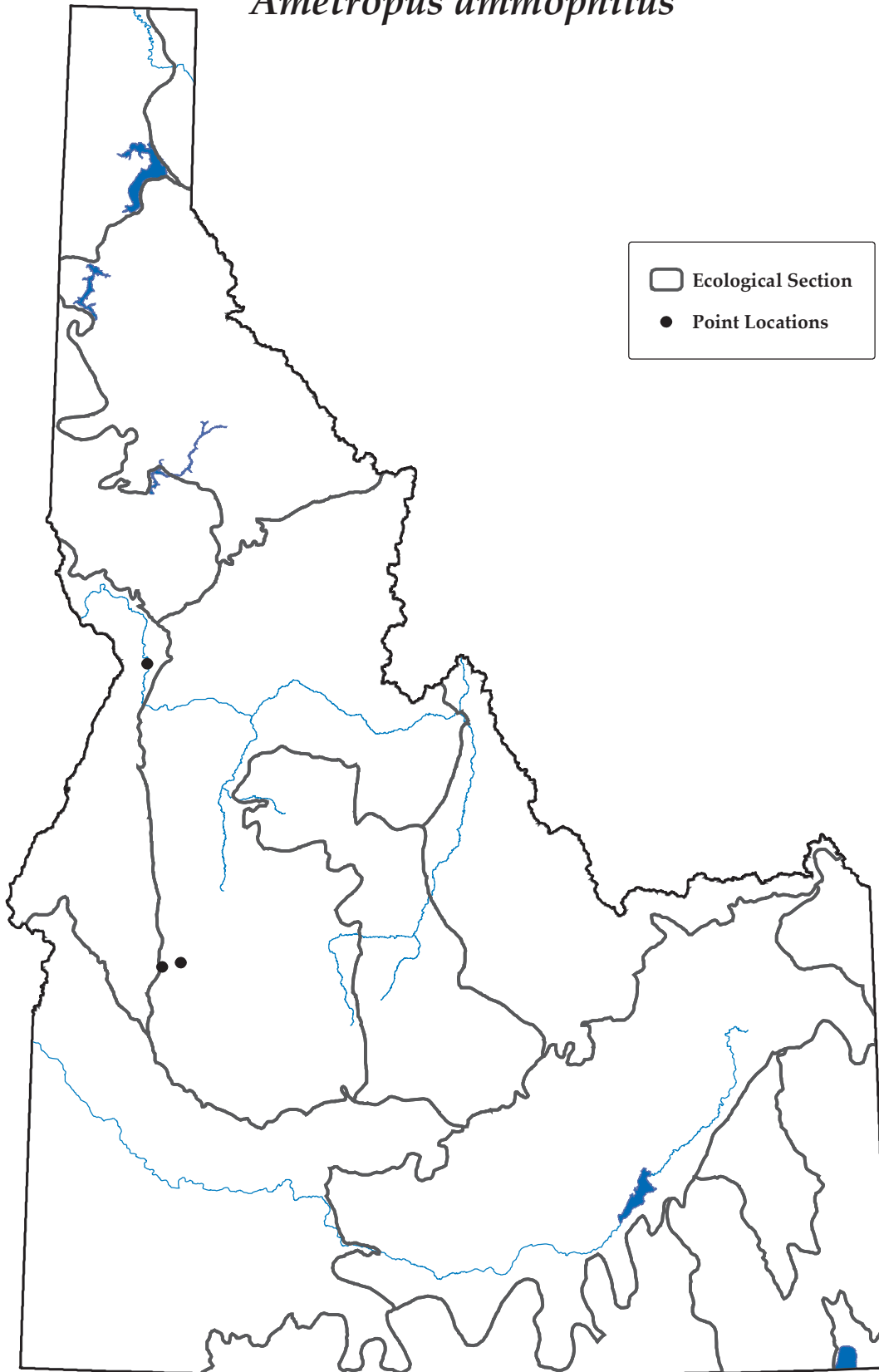
Specific threats to Idaho populations have not been identified. In general, mayfly populations are affected by changes to aquatic habitat, such as alteration of flow patterns, streambed substrate, thermal characteristics, and water quality. Alteration and degradation of aquatic habitat is the primary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

RECOMMENDED ACTIONS

Additional surveys are needed to define the distribution of populations and to identify specific conservation needs for these populations.

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

