
A Mayfly

Asioplax edmundsi

Insecta — Ephemeroptera — Leptohephidae

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; 1 known location in Idaho.

TAXONOMY

The species was formerly included in the genus *Tricorythodes*. The genus *Asioplax* was erected in 2000 (Wiersema and McCafferty 2000).

DISTRIBUTION AND ABUNDANCE

This species occurs in Colorado, Idaho, Utah, and Alberta. The Idaho distribution is limited to a single location in the vicinity of Canyon and Ada counties.

POPULATION TREND

Population trend is not known.

HABITAT AND ECOLOGY

Lester et al. (2002) summarized habitat as follows: "This species appears to be limited to low-gradient streams and rivers in the Snake River Plain in Idaho. Typical of the genus *Asioplax* throughout the Southwest and Mexico, it appears tolerant of high sediment levels and warm summer temperatures."

ISSUES

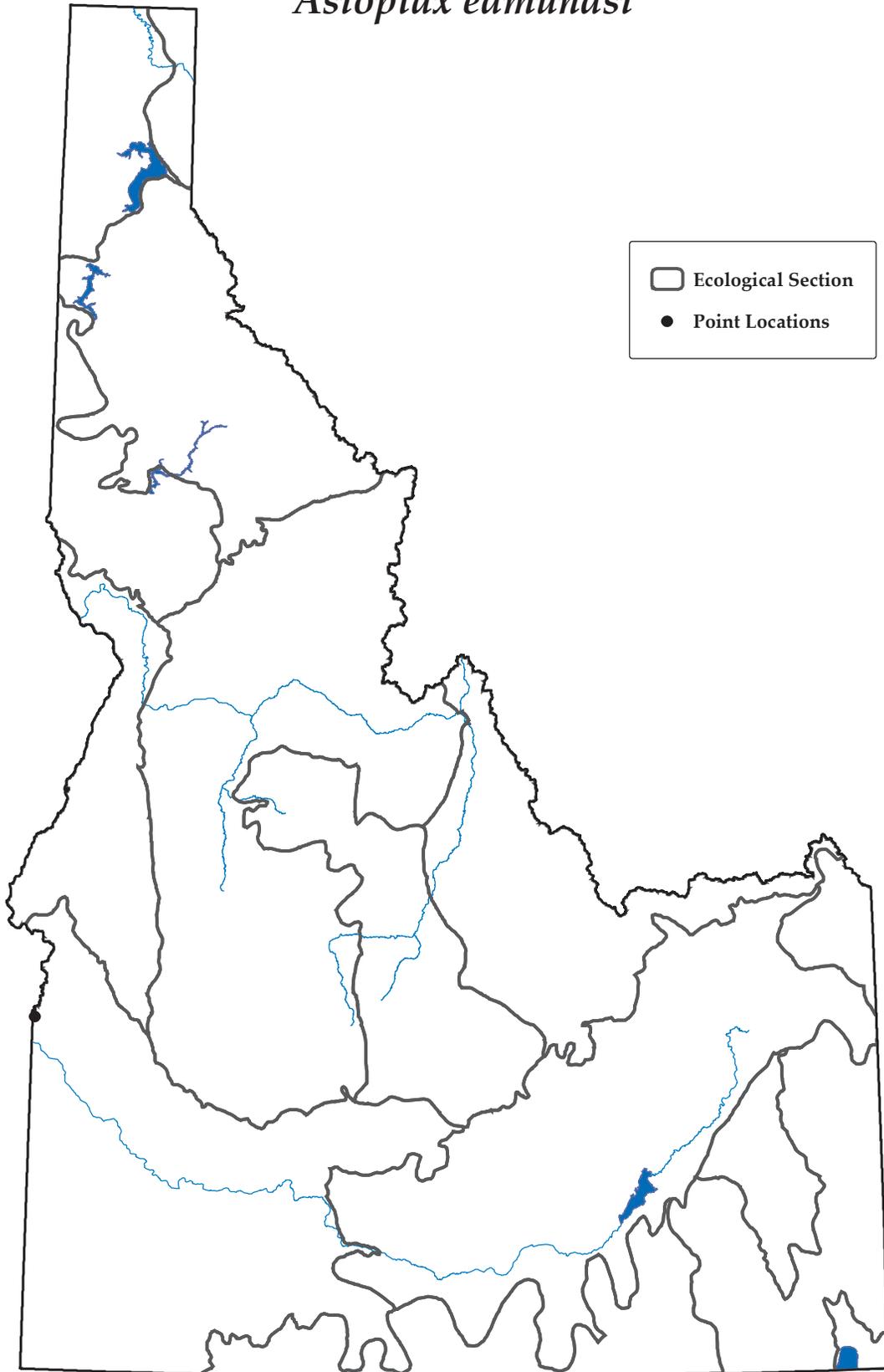
Specific threats to Idaho populations have not been identified. In general, mayfly populations are affected by changes to aquatic habitat, such as alteration of flow patterns, streambed substrate, thermal characteristics, and water quality. Alteration and degradation of aquatic habitat is the primary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

RECOMMENDED ACTIONS

The single collection in Idaho is quite recent: 1998. Additional surveys should be conducted to better define the distribution and status of populations.

A Mayfly

Asioplax edmundsi



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

