
A Mayfly

Paraleptophlebia vaciva

Insecta — Ephemeroptera — Leptophlebiidae

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; limited distribution and no trend data..

TAXONOMY

The taxon *vaciva* was described by Eaton in 1884 in the genus *Leptophlebia* (Jensen 1966). McCafferty and Kondratieff (1999) suggested that *P. vaciva* and *P. rufivenosa* are conspecific. *P. rufivenosa* occurs in parts of British Columbia, Washington, Oregon, and California, overlapping part of the distribution of *P. vaciva*.

DISTRIBUTION AND ABUNDANCE

This species occurs in Idaho, Colorado, Oregon, Washington, Alberta, and British Columbia. The Idaho distribution includes Lemhi, Latah, and Boise counties. Seventy-five specimens were collected during 1996 at 1 site in Latah County, and 3 specimens were collected during 1997 from a site in Boise County.

POPULATION TREND

No data are available to suggest population trend.

HABITAT AND ECOLOGY

No information has been documented describing the habitat occupied by this species.

ISSUES

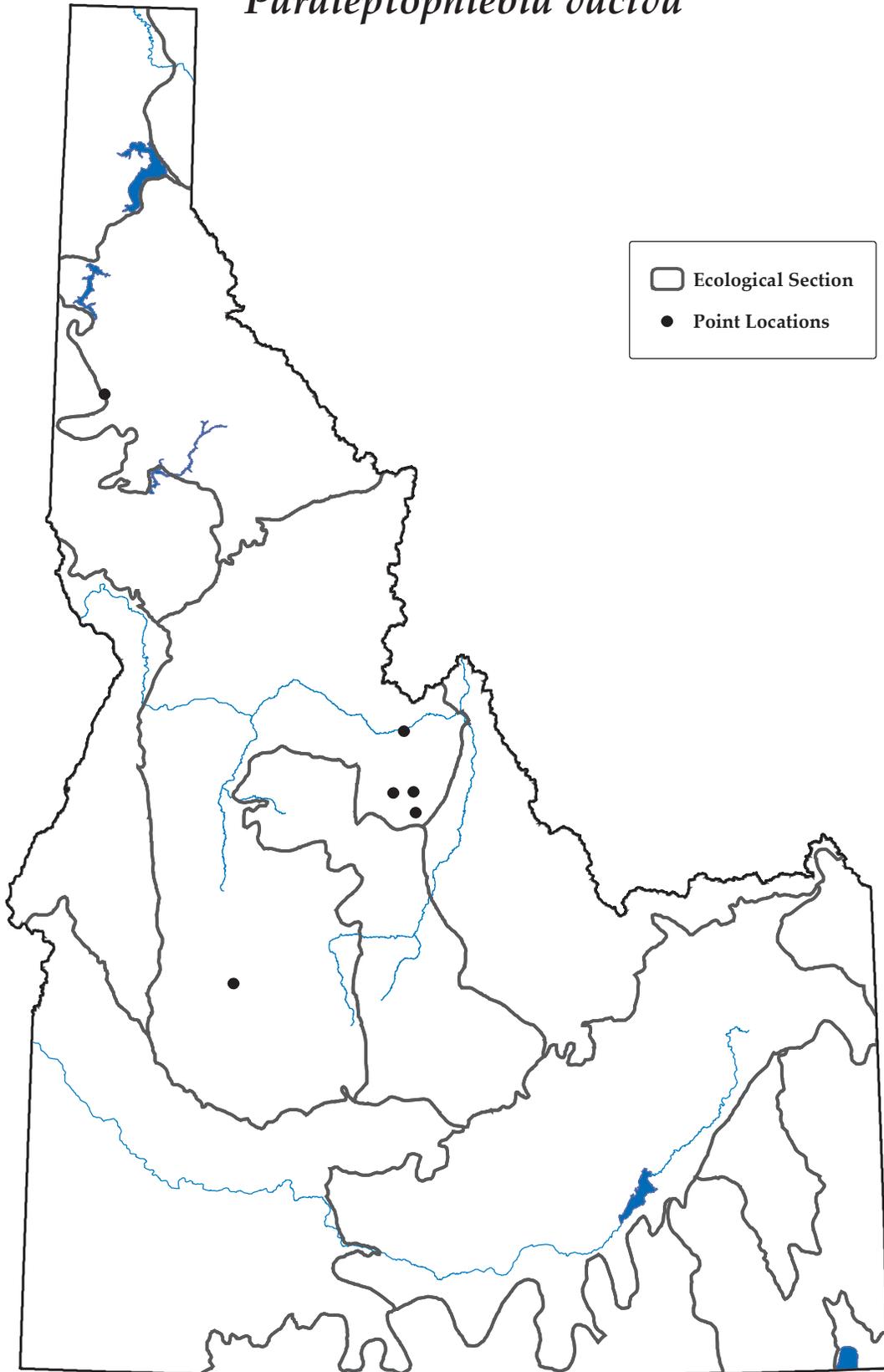
Specific threats to Idaho populations have not been identified. In general, mayfly populations are affected by changes to aquatic habitat, such as alteration of flow patterns, streambed substrate, thermal characteristics, and water quality. Alteration and degradation of aquatic habitat is the primary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

RECOMMENDED ACTIONS

Additional information is needed regarding the relationship of this species to *P. rufivenosa*. Surveys are needed to determine the current status of the species in Idaho.

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

