
A Stonefly

Perlomyia collaris

Insecta — Plecoptera — Leuctridae

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

Perlomyia collaris was described in 1906 (Baumann et al. 1977).

DISTRIBUTION AND ABUNDANCE

This species occurs in California, Idaho, Oregon, British Columbia, and the Yukon Territory. In Idaho, the species is known only from Nez Perce County (Baumann et al. 1977).

POPULATION TREND

No data are available to suggest population trend.

HABITAT AND ECOLOGY

Baumann et al. (1977) state that the species occurs in creeks and rivers of the Pacific Northwest, particularly in spring-fed areas.

ISSUES

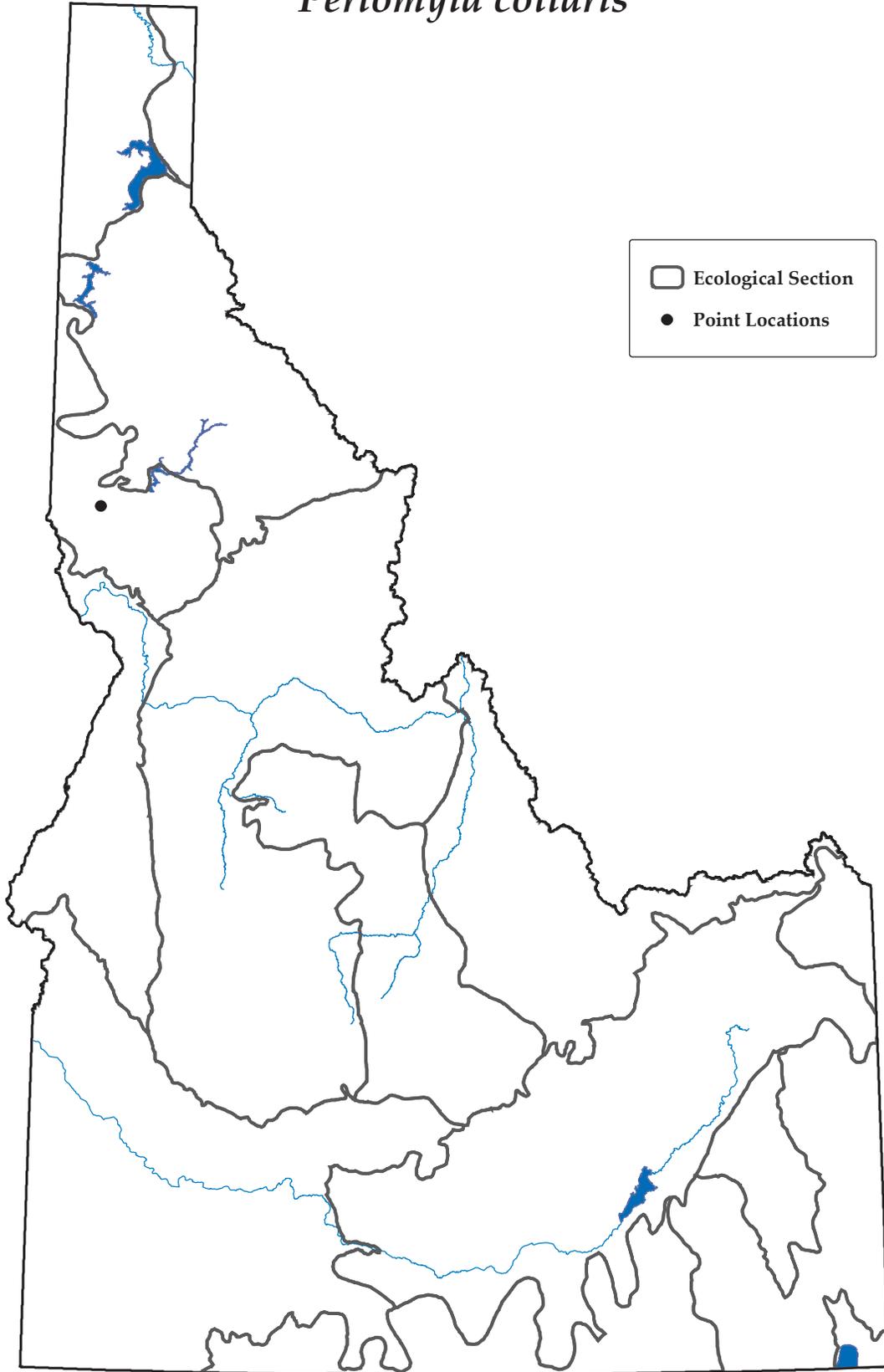
Specific threats to Idaho populations have not been identified. In general, stonefly populations are affected by changes to aquatic habitat, such as alteration of flow patterns, streambed substrate, thermal characteristics, and water quality. Because this species is associated with sites having particularly high water quality, populations may be especially vulnerable to alteration and degradation of aquatic habitat.

RECOMMENDED ACTIONS

Field surveys are needed to determine the distribution and habitat needs of this species.

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

