
A Spur-throat Grasshopper

Melanoplus salmonis

Insecta — Orthoptera — Acrididae

CONSERVATION STATUS / CLASSIFICATION

Rangewide: Critically imperiled/Vulnerable (G1G3)
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; Idaho endemic.

TAXONOMY

Hebard (1935) described this species from a holotype male, allotype female, 3 paratype males, and 4 paratype females he collected at 1 location in 1928. He noted resemblance of this species to *M. artemisiae*.

DISTRIBUTION AND ABUNDANCE

This is endemic to Idaho, having been collected at a single location in Lemhi County.

POPULATION TREND

No data are available to suggest population trend. No record of the species is known to have been made since 1928.

HABITAT AND ECOLOGY

Hebard (1935) described the collections as taking “considerable effort, on an open hillside surrounded by forest with low cover largely of alpine plants and some sagebrush. The species was there local and usually near the latter bushes.” The elevation was reported to be about 2,150 m.

ISSUES

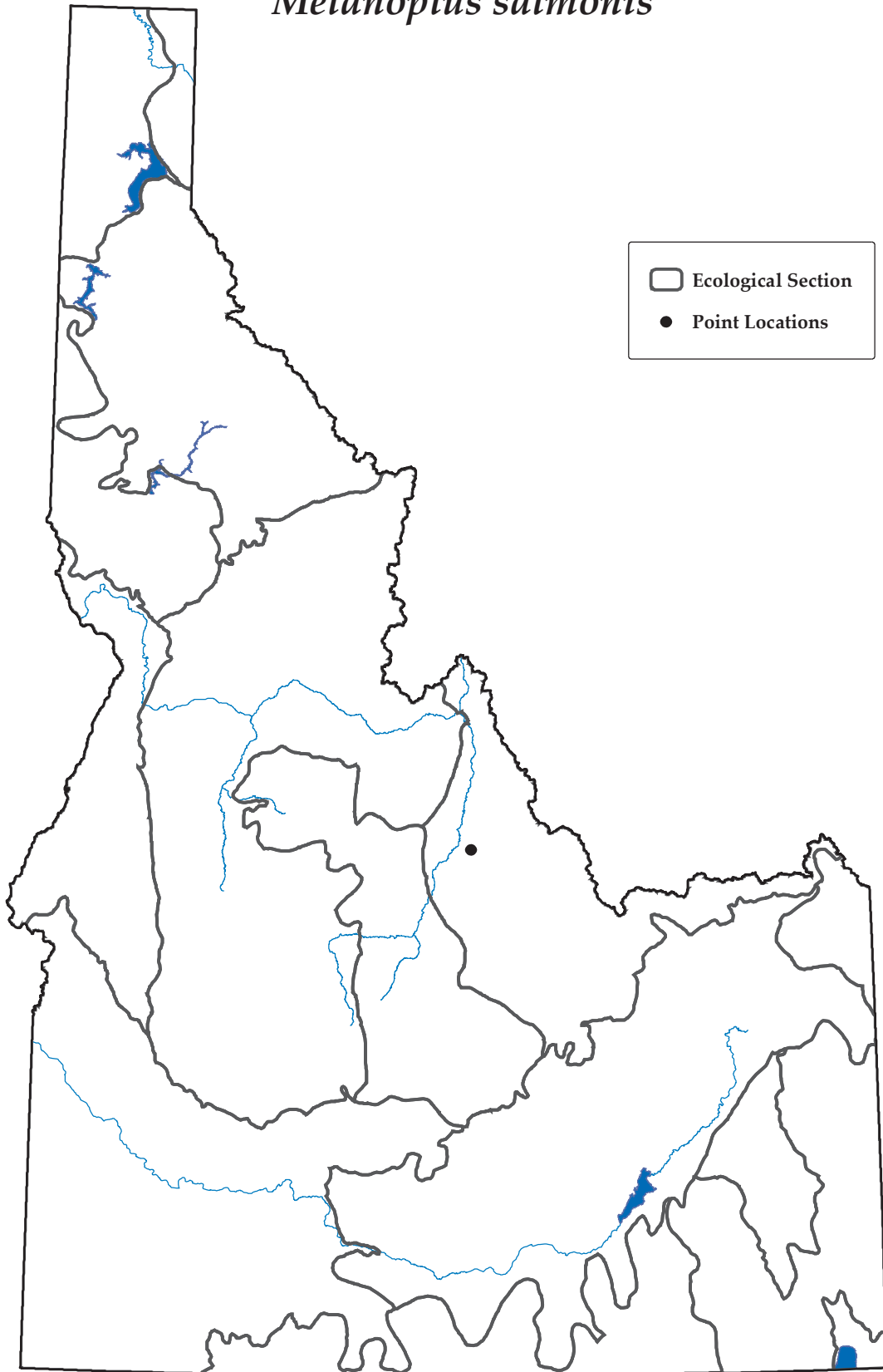
Specific threats to this taxon are unknown. Threats to grasshoppers include pesticides and habitat modification. Although conversion of native habitat to agricultural uses has benefited some grasshopper species, there are no data to suggest that agriculture has benefited this species.

RECOMMENDED ACTIONS

Because no records of the species are known to have been made since 1928, surveys are needed to determine the current status of populations.

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

