Sagebrush Spur-throat Grasshopper

*Melanoplus artemisiae*

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.

**TAXONOMY**

Hebard (1935) describes *M. salmonis* as bearing resemblance to *M. artemisiae*.

**DISTRIBUTION AND ABUNDANCE**

This grasshopper is endemic to Idaho. The species has been found at localities in Lemhi County, but the species has not been recorded since 1928 (Hebard 1935).

**POPULATION TREND**

No data are available to suggest population trend. No records more recent than 1928 are known.

**HABITAT AND ECOLOGY**

This species is associated with sagebrush-dominated habitat. Hebard (1935) described 1 collection site as “thickly covered with sagebrush and a few composites” and collected specimens at another site “in sagebrush on hillsides, [where grasshoppers were] difficult to capture as the sagebrush was very large and thick.”

**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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Point data are from Idaho Conservation Data Center, Idaho Department of Fish and Game.