
A Spur-throat Grasshopper

Melanoplus trigeminus

Insecta — Orthoptera — Acrididae

CONSERVATION STATUS / CLASSIFICATION

Rangewide: Critically imperiled/Imperiled (G1G2)
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

Strohecker (1963) considered this species to be similar to *M. artemisiae* and *M. lemhiensis*. These 3 taxa comprise the *artemisiae* group of the genus *Melanoplus*, and all 3 are found in a relatively small area of eastern Idaho.

DISTRIBUTION AND ABUNDANCE

This grasshopper is endemic to Idaho. Specimens have been reported from 1 location in Clark County and 3 locations in Lemhi County.

POPULATION TREND

No data are available to suggest population trend. Recent collection (i.e., since at least 1970) of this species is not known.

HABITAT AND ECOLOGY

The general elevational range of the collection sites is about 1400-1460 m. No information describing the habitat is available.

ISSUES

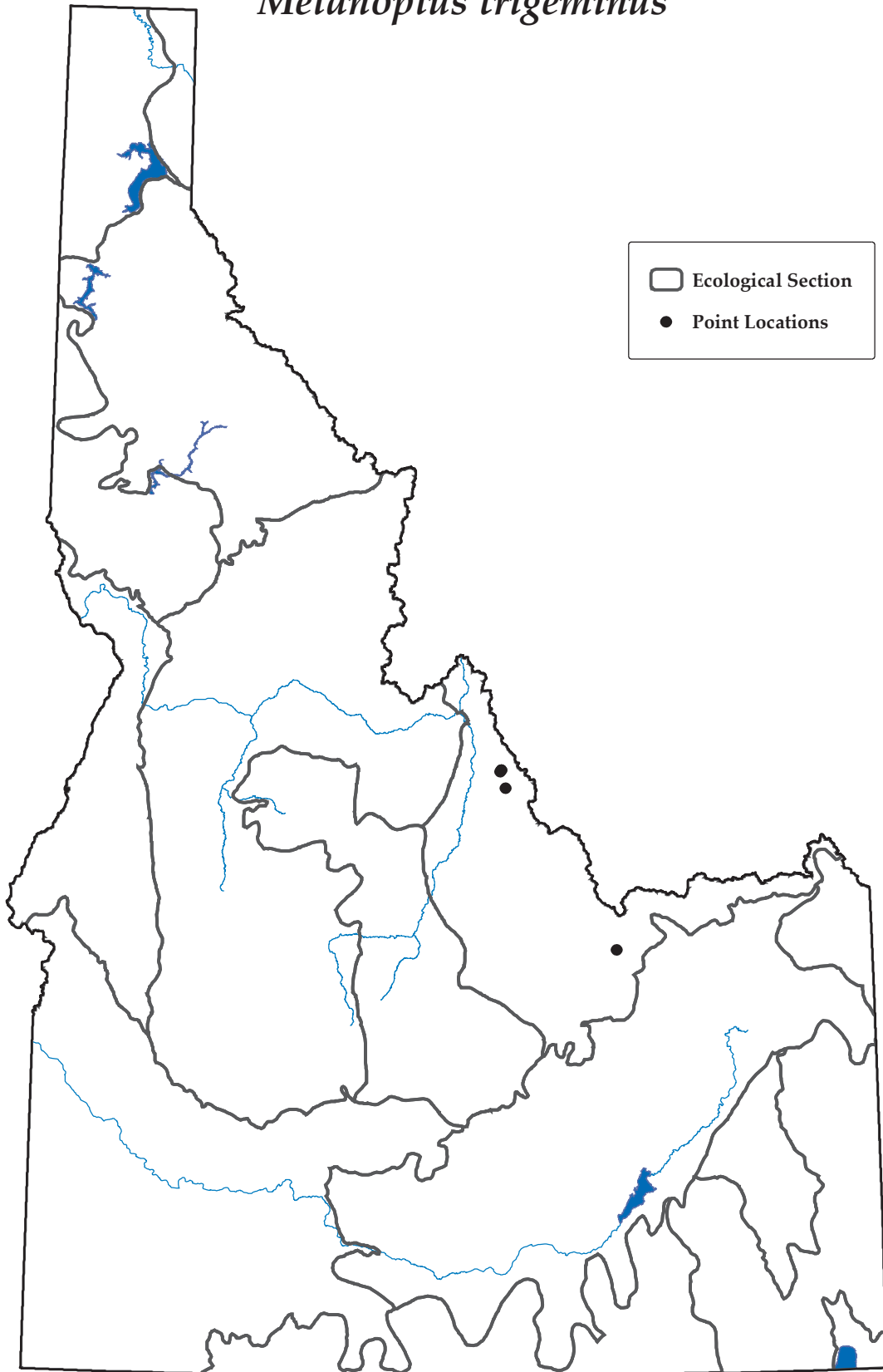
Specific threats to this taxon are unknown. Threats to grasshoppers include pesticides and habitat modification. Although conversion of native habitat to agricultural uses has benefited some grasshopper species, there are no data to suggest that agriculture has benefited this species.

RECOMMENDED ACTIONS

This species has not been detected since 1970. 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.

