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# Seven Devils Mountainsnail

## *Oreohelix hammeri*

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Gastropoda — Stylommatophora — Oreohelicidae

### CONSERVATION STATUS / CLASSIFICATION

Rangewide: Critically imperiled (G1)  
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 in Idaho; Idaho endemic.

### TAXONOMY

This species is monotypic.

### DISTRIBUTION AND ABUNDANCE

This terrestrial snail is endemic to Idaho, occurring at a single site in the Seven Devils Mountains. Whether this species persists is not known; Frest (1999) indicated that the site had burned during 1994, but no documented survey has verified the current status of the population. Neither the size of the area occupied nor an estimate of abundance for the colony has been reported.

### POPULATION TREND

No data are available to evaluate population trends.

### HABITAT AND ECOLOGY

Frest (1999) reported that the colony was at a dry, south-facing site associated with limestone outcroppings amid open stands of ponderosa pine. Vegetation included grasses, forbs (e.g., bluebells) and shrubs (e.g., ninebark and serviceberry)(see Frest 1999).

### ISSUES

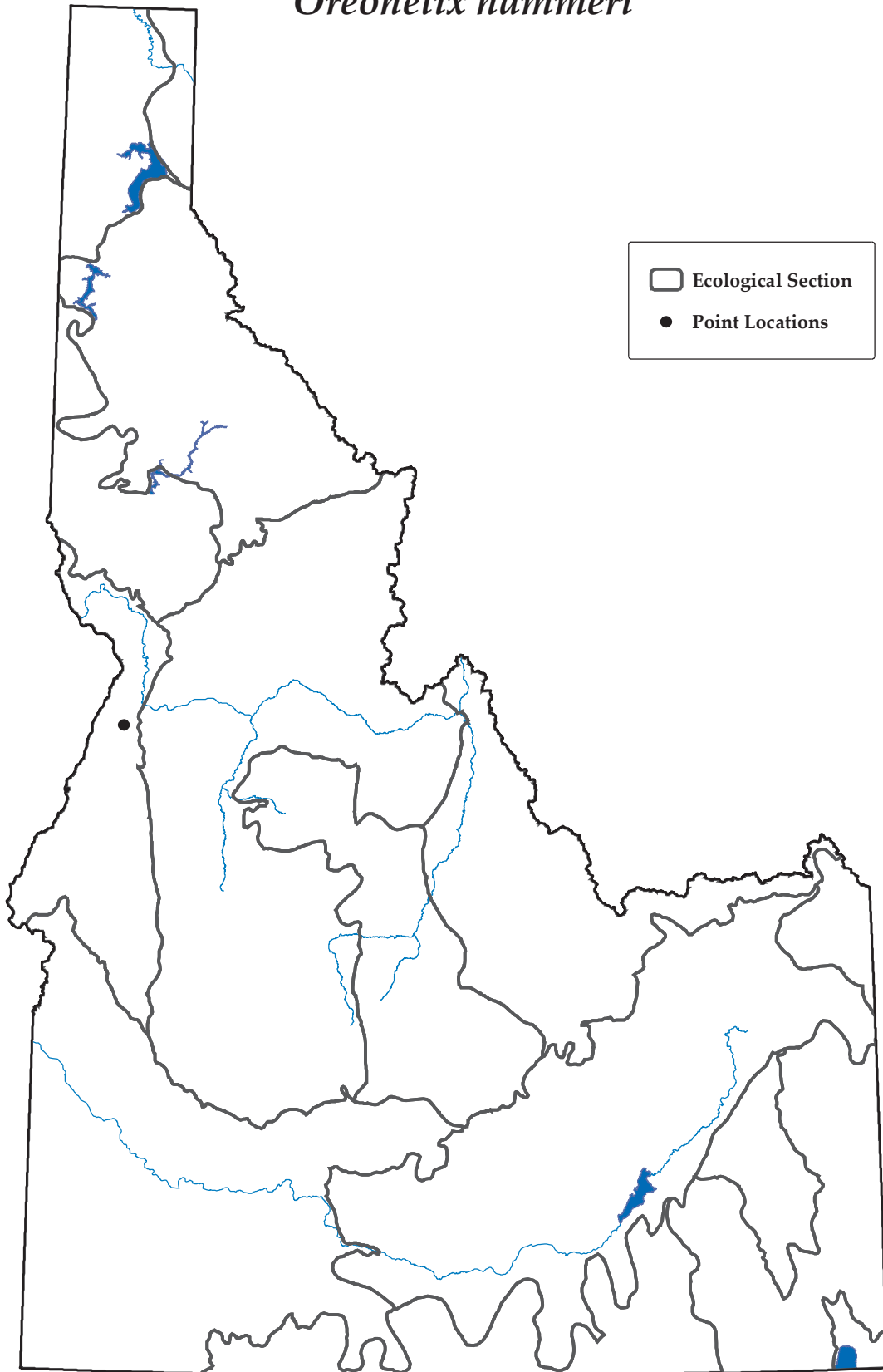
The localized distribution at a single site makes this species particularly vulnerable to habitat loss or degradation. Activities that would result in surface disturbance are of greatest concern; examples of such activities would include livestock grazing, timber harvest, or mining within the extent of the colony or in its immediate vicinity. Frest (1999) considered fire to be a threat. The importance of changes in habitat characteristics arising from weed invasions are unknown but of potential concern.

**RECOMMENDED ACTIONS**

Attempts to determine the status of this species in Idaho are needed. If found, habitat protection and management may be essential. For example, techniques used to control weeds, such as herbicide application and mechanical removal may be important.

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0 20 40 80 Kilometers

0 20 40 80 Miles

2 August 2005

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

