

---

# Mountain Marshsnail

## *Stagnicola montanensis*

---

Gastropoda — Basommatophora — Lymnaeidae

### 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

Reduced distribution and low populations in Idaho.

### TAXONOMY

No subspecies has been recognized.

### DISTRIBUTION AND ABUNDANCE

This aquatic snail occurs in Nevada, Idaho, Montana, Wyoming, and Utah (Taylor et al. 1963). Within Idaho, a number of populations have been extirpated, and the only remaining populations are thought to exist in southeastern Idaho and the lower Salmon River drainage. Only 1 population in a tributary of the Salmon River was confirmed to be extant in 1994 (Frest 1999).

### POPULATION TREND

The species is believed to have been lost from parts of the historical range. Data do not indicate whether the decline was historical or is ongoing.

### HABITAT AND ECOLOGY

The mountain marshsnail inhabits mid- to high-elevation streams and springs. Typical habitat is small, shallow perennial streams having cold water and low to moderate current velocity. Substrates range from mud to cobbles and aquatic macrophytes are typically absent (Frest 1999).

### ISSUES

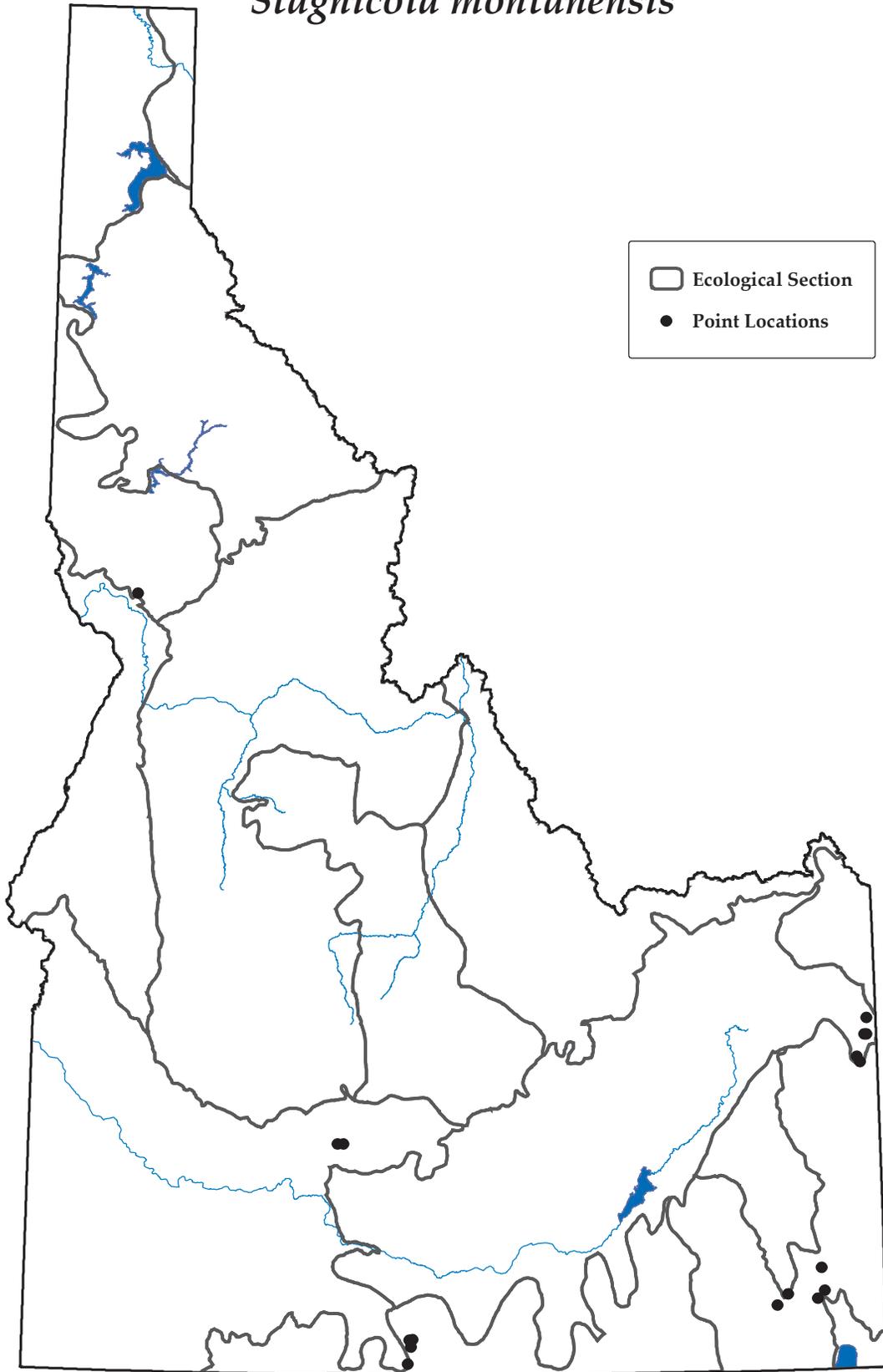
Habitat loss is an important threat. Habitat degradation arising from livestock use of springs and small streams is pervasive throughout the range of the species (Frest 1999).

### RECOMMENDED ACTIONS

Surveys are needed to determine the current status and distribution of populations in the state. These data are necessary to identify site-specific conservation priorities and needs.

# Mountain Marshsnail

*Stagnicola montanensis*



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

