

---

# Lyre Mantleslug

## *Udosarx lyrata*

---

Gastropoda — Stylommatophora — Arionidae

### CONSERVATION STATUS / CLASSIFICATION

Rangewide: Imperiled (G2)  
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

Rare rangewide; habitat threats.

### TAXONOMY

Burch and Pearce (1990), regarded *Udosarx* as synonymous with *Zacoleus*. However, they provided no support for this claim and Turgeon et al. (1998) retained this species in Arionidae with *Zacoleus*.

### DISTRIBUTION AND ABUNDANCE

The lyre mantleslug occurs only in western Montana and northern Idaho. In Idaho, this species has been found at scattered sites in the Bitterroot Mountains and in the upper Clearwater and Clark Fork river drainages. The current status of most populations has not been assessed during recent years (Frest 1999).

### POPULATION TREND

Current population trend is unknown.

### HABITAT AND ECOLOGY

This species occurs in mesic environments in valleys, ravines, gorges, or talus fields. One site was described as a subalpine, somewhat open, mixed pine and fir forest with a forbs and downed wood. Populations have not been found at disturbed areas (Frest 1999).

### ISSUES

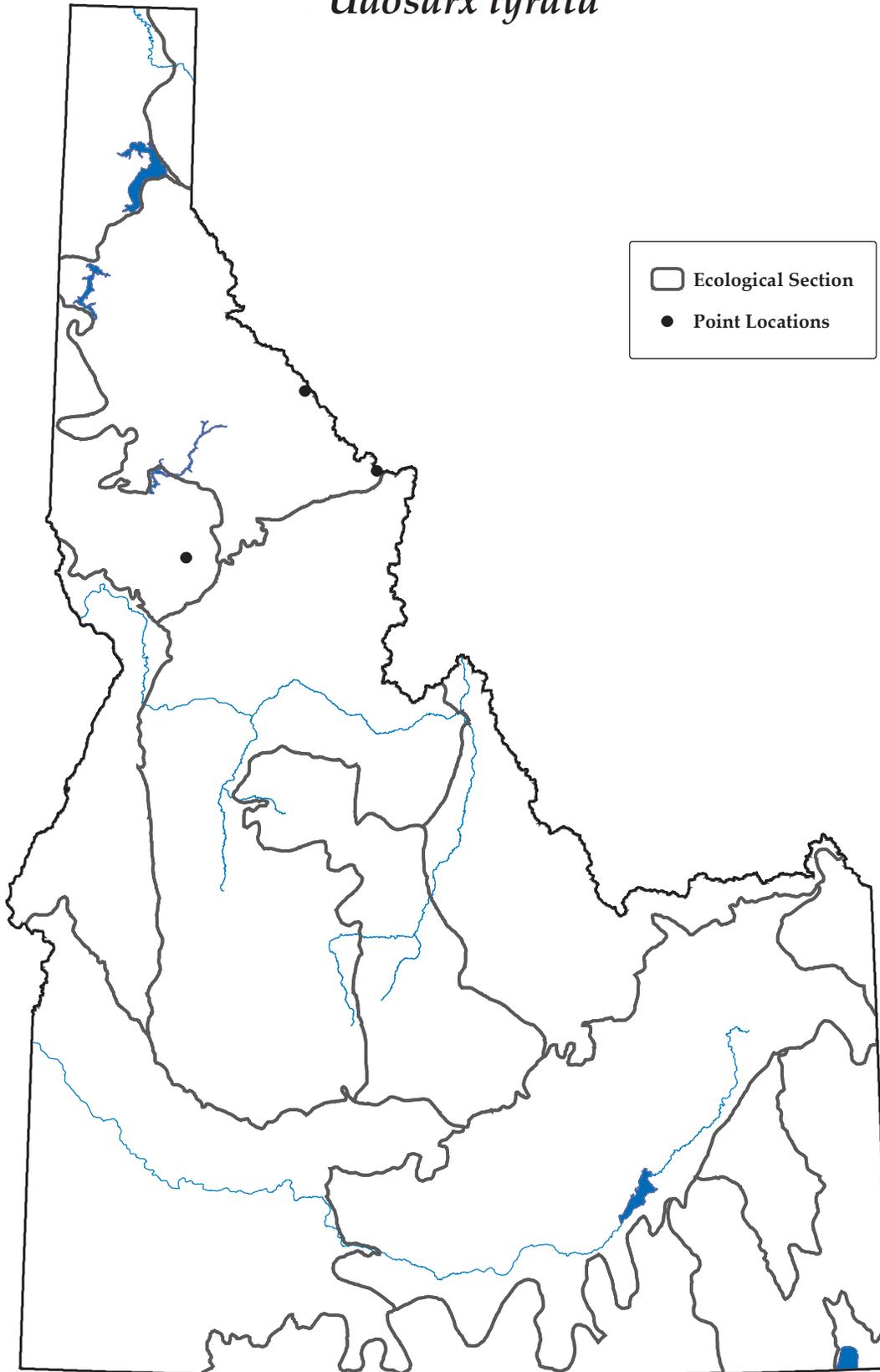
This species is absent from sites disturbed by timber harvest and livestock grazing and is thought to be intolerant of habitat alteration (Frest 1999). Logging and grazing are prevalent activities throughout the known range and are potential threats (Frest 1999).

### RECOMMENDED ACTIONS

Surveys are needed to assess the current status of Idaho populations and to identify site-specific threats and conservation needs.

# Lyre Mantleslug

*Udosarx lyrata*



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.

