

---

# Green River Pebblesnail

## *Fluminicola coloradoensis*

---

Gastropoda — Neotaenioglossa — Hydrobiidae

### CONSERVATION STATUS / CLASSIFICATION

Rangewide: Imperiled (G2)  
Statewide: Imperiled (S2)  
ESA: No status  
USFS: Region 1: No status; Region 4: No status  
BLM: No status  
IDFG: Not classified

### BASIS FOR INCLUSION

Reduced distribution and lack of trend data; habitat degradation.

### TAXONOMY

Frest (1999) considered populations in the Bear River to be taxonomically distinct from populations in the upper Snake River and suggested that each may be distinct from populations in the Colorado River drainage. *Fluminicola hindsii* is a synonym.

### DISTRIBUTION AND ABUNDANCE

The range of this aquatic snail includes parts of Wyoming, Utah, and Idaho. Within Idaho, populations were historically widespread in southeast Idaho, occurring in springs and tributaries in the Bear River and upper Snake River drainages. Colonies currently exist within Bear Lake, Caribou, and Oneida counties (Frest 1999).

### POPULATION TREND

No population trend data are available.

### HABITAT AND ECOLOGY

The Green River pebblesnail inhabits cold, clear spring-fed streams, typically unpolluted headwaters. The species is associated with gravel, cobble, and boulder substrates. Macrophytes are usually absent from occupied sites (Frest 1999).

### ISSUES

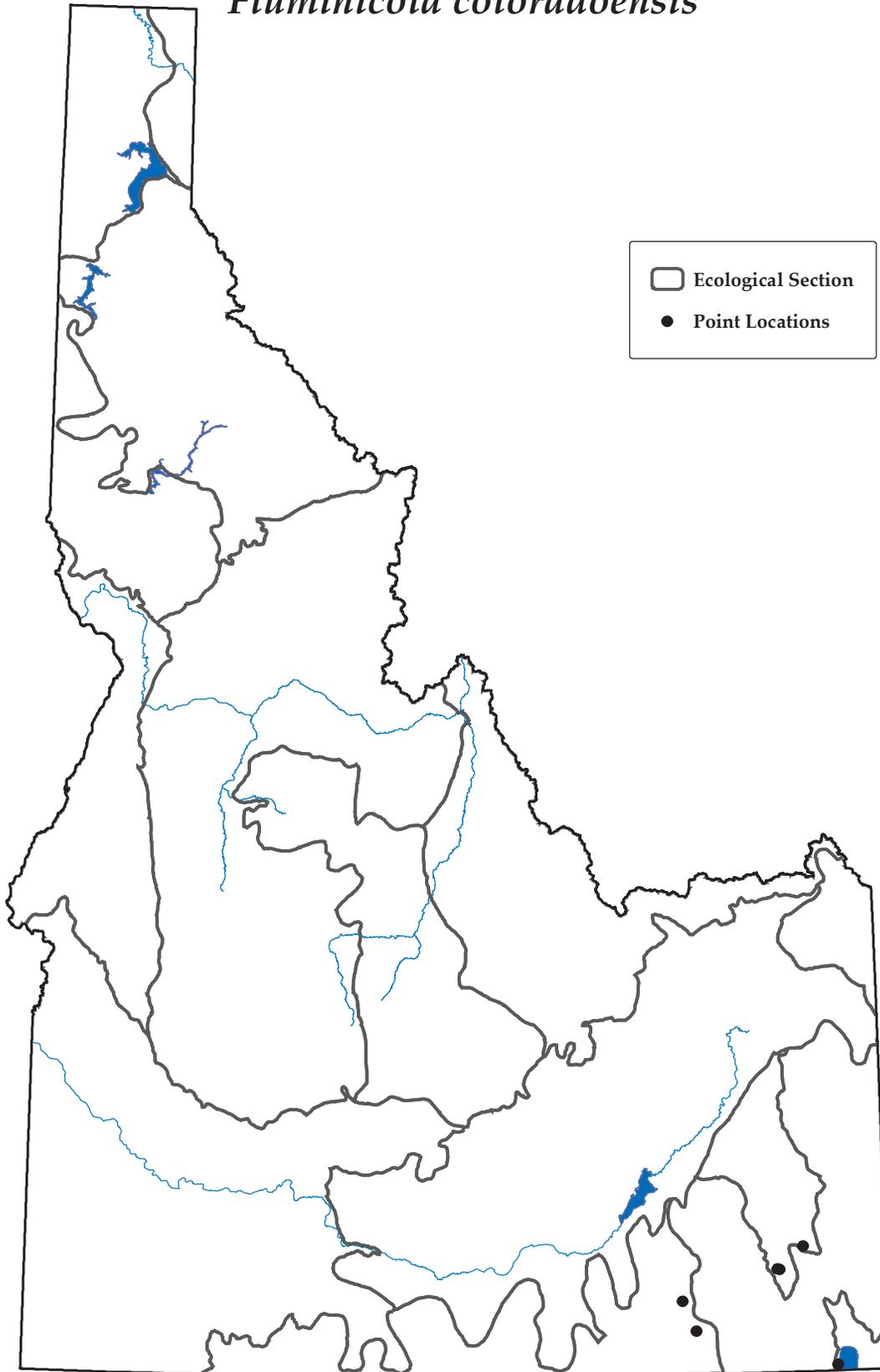
Habitat loss arising from stream channel dewatering and altered water quality is the greatest threat to this species. Potential causes of habitat loss include agricultural and freshwater aquaculture effluence, groundwater drawdown, diversions for livestock and human usage, and impoundments (Frest 1999).

### RECOMMENDED ACTIONS

Research is necessary to clarify the taxonomy of this species. Additional surveys and monitoring are needed to better understand distribution, population trend, and threats to populations.

# Green River Pebblesnail

*Fluminicola coloradoensis*



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

