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## Humped Coin

### *Polygyrella polygyrella*

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Gastropoda — Stylommatophora — Megomphicidae

#### CONSERVATION STATUS / CLASSIFICATION

Rangewide: Imperiled/Vulnerable (G2G3)  
Statewide: Imperiled (S2)  
ESA: No status  
USFS: Region 1: No status; Region 4: No status  
BLM: No status  
IDFG: Not classified

#### BASIS FOR INCLUSION

Declining populations.

#### TAXONOMY

No subspecies are recognized.

#### DISTRIBUTION AND ABUNDANCE

This terrestrial snail occurs in Idaho, Montana, and Washington. Within Idaho, this species historically occurred in the Coeur d'Alene, Clearwater, Lochsa, Selway, and lower Salmon river drainages. The current distribution includes 3 sites in White Bird Canyon, 1 site near Mission Creek, and 1 site near Mt. Idaho. The species is uncommon at 2 of the White Bird Canyon sites, likely extirpated at the third, and rare at the Mt. Idaho site (Frest and Johannes 1997).

#### POPULATION TREND

According to Frest (1999), the amount of habitat and population sizes of the humped coin are declining. A number of historical sites are considered extirpated.

#### HABITAT AND ECOLOGY

Populations inhabit undisturbed open spruce and Douglas fir forests having diverse forbs, mosses, and deciduous shrubs in the understory. Occupied sites are commonly near basalt, schist, or limestone outcroppings and permanent or persistent water (Frest and Johannes 1997). According to Frest and Johannes (1997), the largest populations occur in forested talus.

#### ISSUES

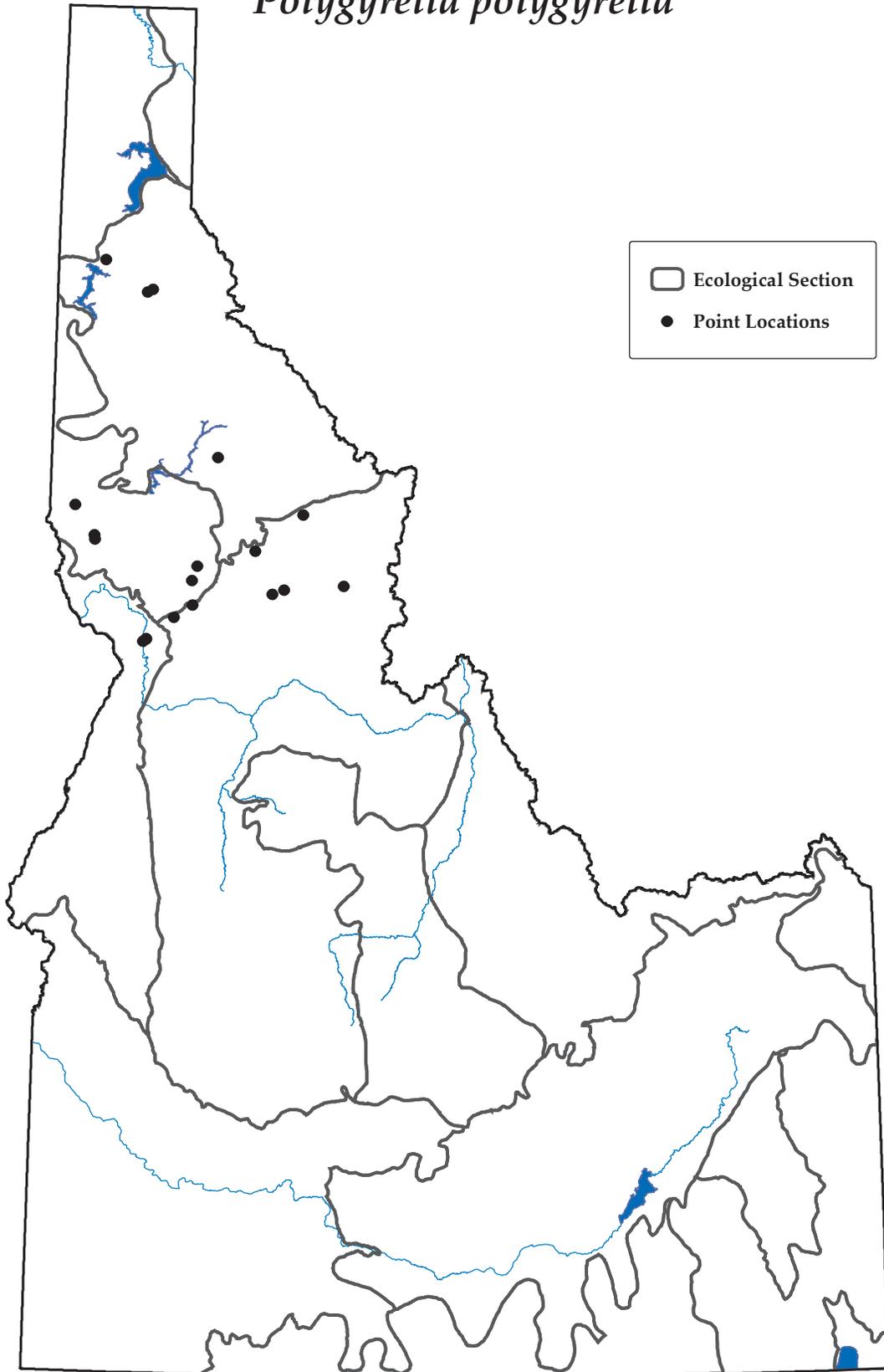
Logging, grazing, roads, and severe fires are possible threats that may impact remaining population. Industrial development and housing in White Bird have the potential to affect the remaining 3 sites (Frest 1997). Quarry expansion threatens the colony at the Mission Creek site (Frest and Johannes 1995).

**RECOMMENDED ACTIONS**

Surveys are needed to determine the current status of populations. Efforts are also needed to identify and initiate habitat conservation needs of extant populations.

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

