
Dry Land Forestsnail

Allogona ptychophora solida

Class Gastropoda — Order Stylommatophora — Family Polygyridae

CONSERVATION STATUS DESIGNATIONS

Rangewide: Imperiled/Vulnerable subspecies (G3G4T2T3)
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 and declining rangewide.

TAXONOMY

Frest (1999) raised the possibility that this subspecies could represent a full species. The type subspecies, *A. p. ptychophora*, also occurs in Idaho.

DISTRIBUTION AND ABUNDANCE

The majority of the range of this terrestrial snail is in Idaho, and the distribution extends into limited portions of eastern Washington and eastern Oregon. Within Idaho, the historical distribution includes Hells Canyon, the lower Salmon River canyon, and the lower Clearwater River drainage (Frest 1999). Populations are thought to be extirpated from the lower Clearwater River and in parts of the lower Salmon River drainage. Isolated colonies exist in undisturbed areas of Hells Canyon and the lower Salmon River drainage (Frest 1999).

POPULATION TREND

Current population trend is considered to be downward in terms of population size and number of occupied sites (Frest 1999).

HABITAT AND ECOLOGY

This terrestrial snail inhabits large basalt taluses where individuals are protected from environmental extremes in open, dry areas (Frest 1999). Colonies are most often found at the bases of north-facing slopes. This species may occasionally occur on limestone or metasedimentary substrate (Frest 1999).

ISSUES

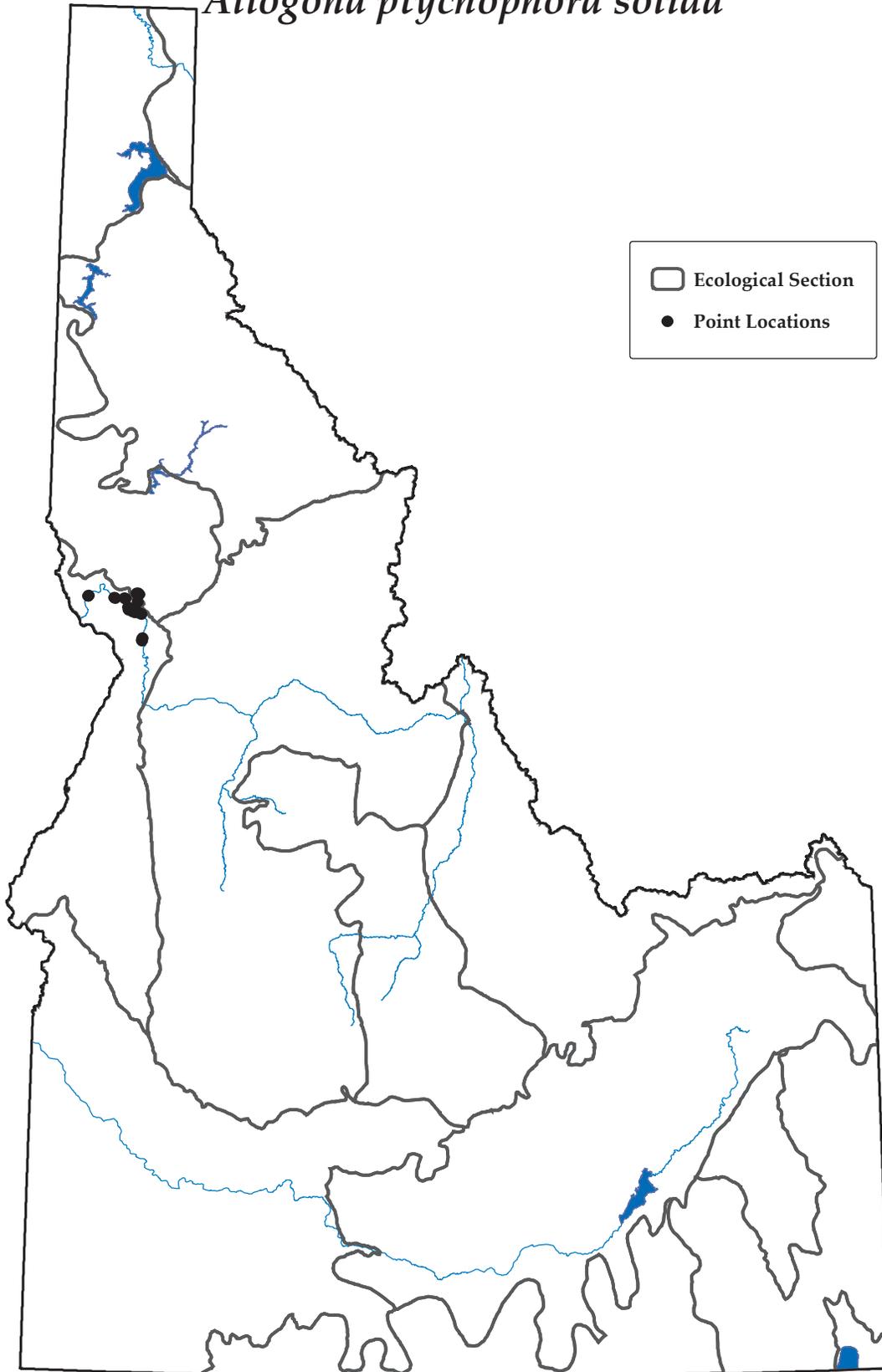
Surface disturbance and erosion are the principal threats to colonies. Potential causes of habitat degradation include livestock grazing, road construction and maintenance, and quarrying and mining (Frest 1999).

RECOMMENDED ACTIONS

Research is needed to clarify taxonomy. Survey efforts are needed to determine the current distribution and status of this subspecies. Protection of habitat at occupied sites is also needed.

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

