
Shortspire Pondsnail

Stagnicola idahoensis

Gastropoda — Basommatophora — Lymnaeidae

CONSERVATION STATUS / CLASSIFICATION

Rangewide: Critically imperiled (G1)
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 rangewide.

TAXONOMY

No subspecies has been recognized.

DISTRIBUTION AND ABUNDANCE

This aquatic snail is endemic to the Little Salmon River and the lower Salmon River. Recent surveys failed to find this species in the lower Salmon River, the upper reaches of the Little Salmon River, and Hells Canyon. Few populations remain extant (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

This species occurs in cold water rivers in reaches with a moderately swift current and coarse, rocky substrates. Aquatic vegetation and algae are generally absent from occupied sites. This species is not found in areas with mud, sand, or bedrock (Frest 1999).

ISSUES

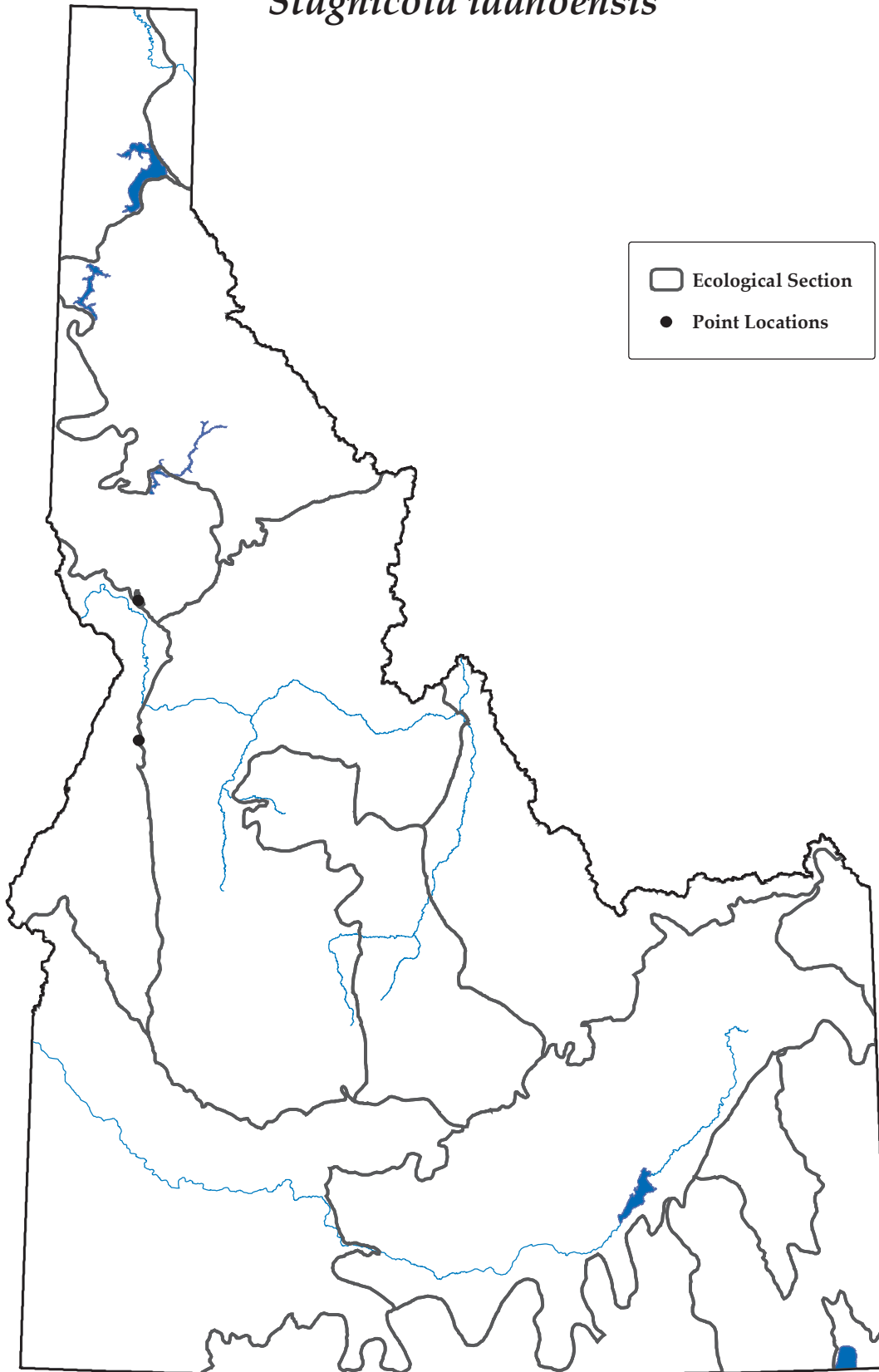
Habitat loss is the primary threat to this species. Of particular concern are activities disturbing or altering the river bed and water quality. Road construction, mining, and gravel dredging have been identified as causes of habitat degradation (Frest 1999).

RECOMMENDED ACTIONS

Surveys are needed to ascertain the current distribution and population numbers. Survey data would also be useful for identifying site-specific threats and conservation needs.

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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.

