
Shortface Lanx

Fisherola nuttalli

Gastropoda — Basommatophora — Lymnaeidae

CONSERVATION STATUS / CLASSIFICATION

Rangewide: Imperiled (G2)
Statewide: Imperiled (S2)
ESA: No status
USFS: Region 1: No status; Region 4: No status
BLM: Rangewide/Globally imperiled (Type 2)
IDFG: Not classified

BASIS FOR INCLUSION

Low populations and habitat degradation rangewide.

TAXONOMY

No subspecies is recognized.

DISTRIBUTION AND ABUNDANCE

The shortface lanx was formerly widespread in the Pacific Northwest, occurring in British Columbia, Oregon, Washington, Idaho, and Montana. Most populations appear to have been extirpated. Populations within Idaho persist in parts of the Salmon and Snake rivers (Frest 1999).

POPULATION TREND

Current population trend is unknown.

HABITAT AND ECOLOGY

This freshwater limpet occurs in large rivers. Occupied habitat is characteristically in river reaches that have a swift current and are highly oxygenated, often near rapids. Substrates include boulders and gravel. This species is not found in areas with a high abundance of macrophytes or epiphytic algae, in areas with a bedrock substrate, or in areas that are dredged or mined (Frest 1999).

ISSUES

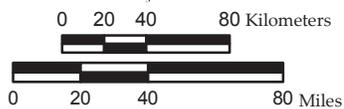
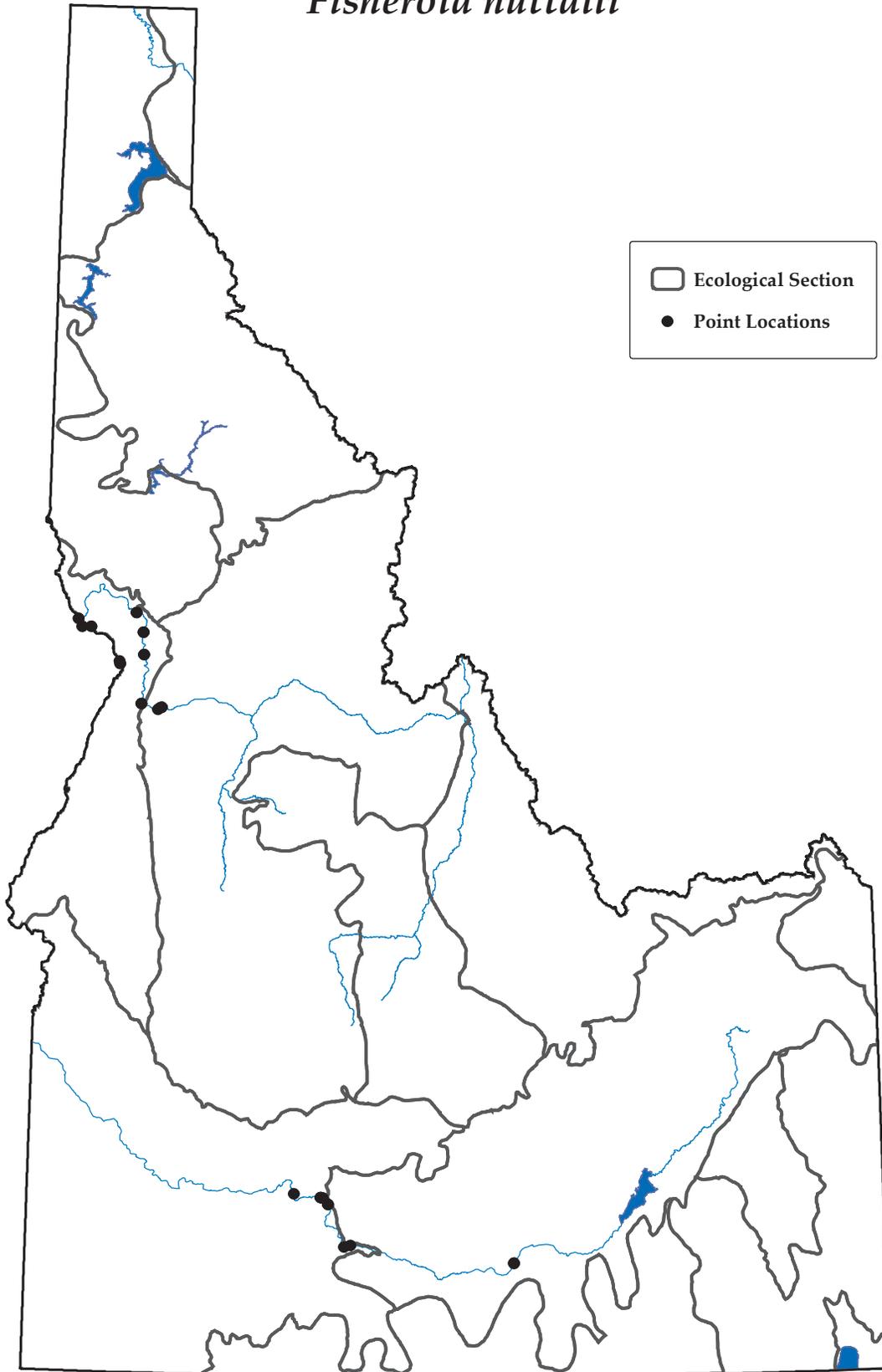
Habitat loss arising from damming and degraded water quality is the greatest threat to this species. Effluence from agriculture, industry, and urban and residential developments has reduced water quality in much of the known range (Frest 1999).

RECOMMENDED ACTIONS

Surveys are needed in much of the range of this species to evaluate the current status of populations.

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

