
Lyrate Mountainsnail

Oreohelix haydeni

Gastropoda — Stylommatophora — Oreohelicidae

CONSERVATION STATUS / CLASSIFICATION

Rangewide: Imperiled/Vulnerable (G2G3)
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

Decreased distribution and declining populations.

TAXONOMY

Two subspecies are known to occur in Idaho, *O. haydeni hesperia* and *O. haydeni perplexa*; both are endemic to the state.

DISTRIBUTION AND ABUNDANCE

This terrestrial snail is irregularly distributed in parts of northern Colorado, northern Utah, and Idaho. In Idaho, the species is known to occur in the lower Salmon River canyon, but populations may occur in the southeastern part of the state.

POPULATION TREND

Frest (1999) believed that <10% of the historical range of the subspecies *hesperia* and <30% of the historical range of the subspecies *perplexa* is currently occupied.

HABITAT AND ECOLOGY

This species is associated with xeric habitat having exposed limestone outcroppings. The subspecies *hesperia* occurs in open ponderosa pine forests. The subspecies *perplexa* occurs in areas dominated by sagebrush, serviceberry, and grasses.

ISSUES

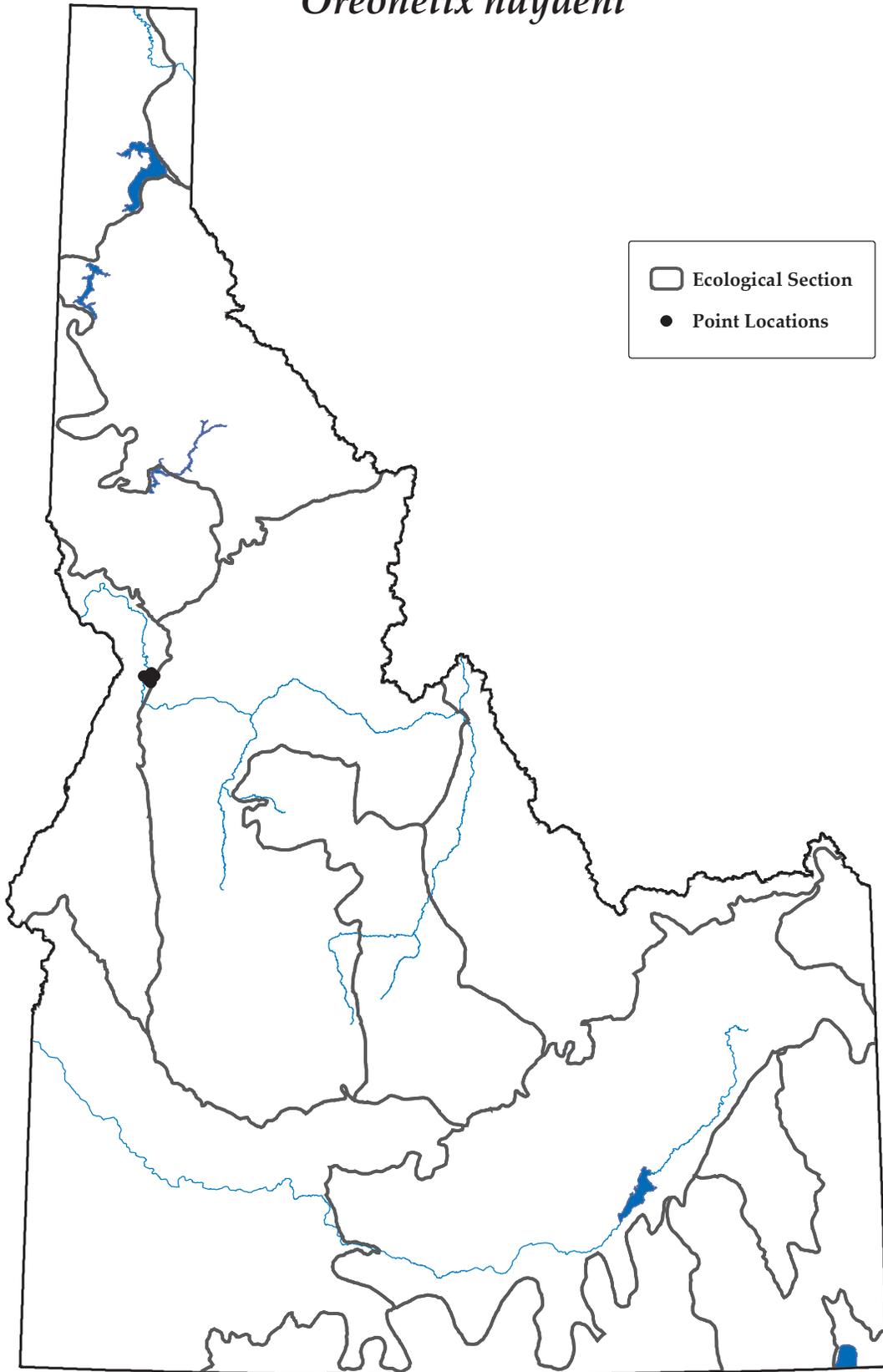
Populations associated with pine forests are threatened by habitat loss arising from timber harvest. All populations are vulnerable to habitat loss caused by livestock grazing and agricultural development.

RECOMMENDED ACTIONS

Protection of extant sites from habitat loss is the most important conservation need for this species. Additional surveys are also needed to clarify the current population status.

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

