

5-YEAR REVIEW

Short Form Summary¹

Species Reviewed: Idaho springsnail (*Pyrgulopsis idahoensis*)

Current Classification: Endangered

FR Notice announcing initiation of this review:

April 20, 2005. Endangered and Threatened Wildlife and Plants; 90-Day Finding on a Petition To Delist the Idaho Springsnail; 90-Day Finding on a Petition to List the Jackson Lake Springsnail, Harney Lake Springsnail, and Columbia Springsnail; and Initiation of a 5-Year Review for the Idaho Springsnail (71 FR 20512).

Lead Region/Field Office: Region 1, Portland, Oregon/Snake River Fish and Wildlife Office, Boise, Idaho. Contact Jeffery L. Foss, Field Supervisor, (208) 378-5243

Name of Reviewer(s): Susan Burch (208) 378-5265 and Steve Duke (208) 378-5345.

Species Status: Stable – as indicated in the 2005 Recovery Data Call.

Recovery Achieved: 1 (meaning the percentage of species recovery objectives achieved is 0 - 25 percent) - as reported in the 2005 Recovery Data Call.

Species' Recovery Priority Number at the start of the review: 5c

Listing History:

December 14, 1992. Endangered and Threatened Wildlife and Plants: Determination of Endangered or Threatened Status for Five Aquatic Snails in South Central Idaho (57 FR 59244).

Review History:

There have been no previous status reviews of this species. The Snake River Fish and Wildlife Office developed a document entitled "Best Available Biological Information for Four Petitioned Species in Idaho, Oregon, Washington, and Wyoming" in the fall of 2005 as part of their analysis of those species status in response to a 2004 delisting petition and related listing petition. No other relevant reviews or documents by the U.S. Fish and Wildlife Service (Service) are known to exist for the species.

Recovery Plan or Outline:

U.S. Fish and Wildlife Service. 1995. Snake River Aquatic Species Recovery Plan. Portland, Oregon. 90 pp. There have been no revisions to the Plan.

¹ This short form is to be used ONLY when there is no new information, or when the 5-year review is being done concurrent with another range-wide status review (such as a 12-month finding on a delisting petition) that completely addresses all the questions outlined in the standard 5-year review template. Attach a copy of the final 12-month finding or other status review to this form.

Methodology used to complete this 5-year review:

The 5-year review of the Idaho springsnail was accomplished through conducting 12-month reviews of two petitions; the “Petition to Remove the Idaho Springsnail (*Pyrgulopsis idahoensis*) from the Federal List of Endangered and Threatened Wildlife”, and the “Petition to List the Jackson Lake Springsnail (*Pyrgulopsis robusta*), Harney Lake Springsnail (*Pyrgulopsis hendersoni*), and Columbia Springsnail (*Pyrgulopsis* new species A) as Threatened or Endangered.” Both petitions concerned four springsnail species that occur in Idaho (Idaho springsnail), Oregon (Harney Lake springsnail), Washington (Columbia springsnail), and Wyoming (Jackson Lake springsnail). Using the Service’s structured decision analysis process, we assessed the best scientific and commercial information available regarding the past, present, and future threats faced by the species. We compiled information from our files, published and unpublished literature, comments submitted during the public comment period following our 90-day petition findings and notice of initiation of the 5-year review, and comments from peer review of the “Best Available Biological Information” document. We also consulted with recognized experts in relevant scientific disciplines and natural resource management agencies. Information in the recovery plan and analysis of the recovery criteria that have been met were used in the status review for the species as well.

Application of the 1996 Distinct Population Segment (DPS) Policy:

Application of the Service’s 1996 DPS Policy does not apply to invertebrate species.

Review Analysis:

As a result of the recent molecular genetic analyses which lumped the Jackson Lake Springsnail (*Pyrgulopsis robusta*), Harney Lake springsnail (*Pyrgulopsis hendersoni*), Columbia springsnail (*Pyrgulopsis* species A), and the Idaho springsnail (*Pyrgulopsis idahoensis*) into one species, *Pyrgulopsis robusta* (Walker 1908; Hershler and Liu 2004), the taxonomic classification of the Idaho springsnail as identified in our 1992 final listing rule is no longer recognized by the scientific community as a valid species. Based on a thorough analysis of this revised taxonomic entity, we have determined that the species is neither in danger of extinction presently (*i.e.*, endangered) nor likely to become endangered in the foreseeable future (*i.e.*, threatened), and therefore, no longer needs the protections afforded by the Endangered Species Act. Please refer to the attached 12-month finding for a complete 5-factor analysis and discussion on the species status (including biology and habitat), threats, and conservation efforts.

Recommendations for Future Actions:

None.

