

## Green River Pebblesnail - *Fluminicola coloradoensis*

Abundance: Unknown

Status: NSSU

NatureServe: G3G4 S4

Population Status: Unknown

Limiting Factor: Unknown

Comment:

### Introduction

The Green River pebblesnail is an aquatic snail in the family Hydrobiidae. This snail is small (shell is up to 1.2 cm in height), has gills and carries an operculum that can cover the opening of its shell (Liu et al. 2013). The Green River pebblesnail is known from Wyoming, Idaho and Utah; however, Liu et al. (2013) investigated the morphology and DNA of this snail and other closely related taxa and they lumped them together. The range of the Green River pebblesnail now includes Oregon and Washington in addition to Wyoming, Idaho and Utah. The snail was previously ranked as imperiled (Idaho and Utah) and apparently secure (Wyoming) within states, and imperiled across its range (NatureServe 2016); however, the recent taxonomic change may alter these rankings. Aquatic snails are scrapers that eat algae, microbes, fungi and detritus on solid surfaces such as logs, macrophytes and rocks (Smith 2001). In Wyoming, the Green River pebblesnail is known from streams in the Green, Snake and Bear River drainages (Liu et al. 2013).

### Habitat

The Green River pebblesnail lives in large springs and streams (Hershler 1999).

### Problems

### Conservation Actions

### Monitoring/Research

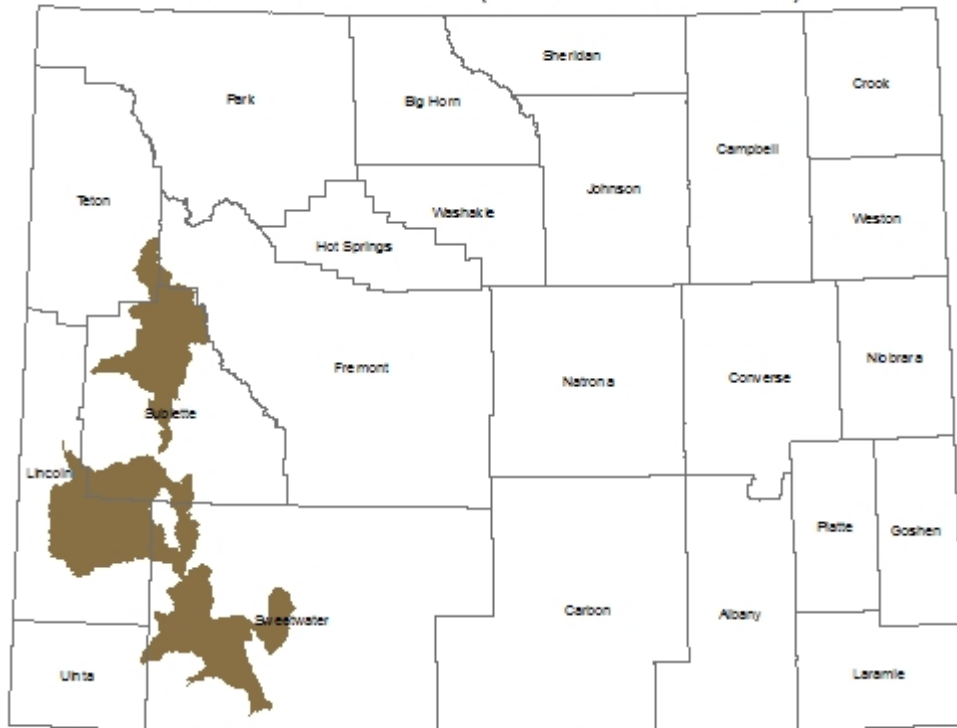
The Wyoming Game and Fish Department funded the Wyoming Natural Diversity Database to survey aquatic snails in the Snake and Green River drainages of Wyoming.

### Recent Developments

Liu et al. (2013) revised the taxonomy of *Fluminicola*, and lumped *F. fuscus* and unassigned taxa from the Snake River drainage with *F. coloradensis*. Therefore, the Green River pebblesnail is more widely distributed than according to previous taxonomy.

### References

Green River Pebblesnail (*Fluminicola coloradoensis*)



SOURCE: Digital maps of ranges for Wyoming Species of Greatest Conservation Need: February 2016. Wyoming Game and Fish Department. Note that brown indicates the current known range of the species.