

SPECIES: Scientific [common]	<i>Stagnicola montanensis</i> [Mountain Marshsnail]
Forest:	Bridger-Teton National Forest
Forest Reviewer:	Randall Griebel, James Wilder
Date of Review:	02/10/2020; reviewed 4/29/25
Forest concurrence (or recommendation if new) for inclusion of species on list of potential SCC: (Enter Yes or No)	NO

FOREST REVIEW RESULTS:

1. The Forest concurs or recommends the species for inclusion on the list of potential SCC:
Yes ___ No X
2. Rationale for not concurring is based on (check all that apply):
Species is not native to the plan area _____
Species is not known to occur in the plan area X
Species persistence in the plan area is not of substantial concern _____

FOREST REVIEW INFORMATION:

1. Is the Species Native to the Plan Area? Yes X No ___

If no, provide explanation and stop assessment.

2. Is the Species Known to Occur within the Planning Area? Yes ___ No X

There are no known *Stagnicola montanensis* occurrences on the Bridger-Teton National Forest (GBIF 2019, WYNDD 2019). It may have once occurred in the Teton River Watershed, but populations there are extirpated or possibly extirpated (**Map 2**, NatureServe 2019). As there are no recent or historic occurrences on the Forest, and nearby occurrences outside the Forest may be extirpated, it is unlikely that *S. montanensis* occurs within the Planning Area.

If no, stop assessment.

b. **Map 2.** Range of Mountain Marshsnail (*Stagnicola montanensis*) in Wyoming.



WYNDD (2019)

3. Is There Substantial Concern for the Species' Capability to persist Over the Long-term in the Plan Area Based on Best Available Scientific Information?

Table 2. Status summary based on existing conservation assessments

Entity	Status/Rank (include definition)
NatureServe Global Status	<p>G3— Imperiled</p> <p><i>At moderate risk of extirpation in the jurisdiction due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors.</i></p>
NatureServe State Status	<p>S3— Vulnerable</p> <p><i>At moderate risk of extirpation in the jurisdiction due to a fairly restricted range, relatively few populations or occurrences, recent and widespread declines, threats, or other factors.</i></p>
WGFD	<p>NSSU (U) Tier III</p> <p><u>Population Status:</u> Unknown <u>Limiting Factors:</u> Unknown <u>Tier III:</u> Low priority</p> <p><i>[The WGFD's Species of Greater Conservation Need (SGCN) designation process is based upon its Native Species Status (NSS) classification system that compares population and limiting factor variables using a 16 cell matrix. As a species moves from a placement closest to the upper left corner of the matrix (Aa/NSS1) toward the lower right corner (Dd/NSS7) the species' population status in Wyoming is considered more secure. Numerical scores were assigned to each of these variables and summed to provide a total score (i.e. NSS3). SGCN were placed into one of three tiers based on their total score: Tier I – highest priority, Tier II – moderate priority, and Tier III – lowest priority.]</i></p> <p>(WGFD, 2017 - Wyoming Species of Greatest Conservation Need)</p>
WYNDD	<p>Species of Concern</p> <p><i>Species vulnerable to extirpation at the global or state level due to:</i></p> <ul style="list-style-type: none"> <i>a. their rarity (e.g., restricted distribution, small population size, low population density)</i> <i>b. inherent vulnerability (e.g., specialized habitat requirements, restrictive life history)</i> <i>c. threats (e.g., significant loss of habitat, sensitivity to disturbances)</i>

USDA Forest Service	Not Listed
UDI FWS	Not Listed
WY BLM	Not Listed
IUCN	LC—Least Concern

References

Cordeiro, J. & Perez, K. 2011. *Stagnicola montanensis*. The IUCN Red List of Threatened Species 2011: e.T189653A8759952. <http://dx.doi.org/10.2305/IUCN.UK.2011-2.RLTS.T189653A8759952.en>

Global Biodiversity Information Facility (GBIF). 2019. GBIF Occurrence Download. Internet website: https://www.gbif.org/occurrence/map?q=Physella%20columbiana&state_province=wyoming&advanced=1. Accessed on October 7, 2019.

NatureServe. 2019. NatureServe Explorer: An online encyclopedia of life [web application]. Version 7.1. NatureServe, Arlington, Virginia. Internet website: <http://explorer.natureserve.org>. Accessed on October 4, 2019.

WYNDD (Wyoming Natural Diversity Database). 2019. Wyoming Natural Diversity Database; Data Explorer. Laramie, WY: University of Wyoming.