

SPECIES: Scientific [common]	<i>Setophaga nigrescens</i> [Black-throated gray warbler]
Forest:	Bridger-Teton National Forest
Forest Reviewer:	Randall Griebel, James Wilder
Date of Review:	07/25/2018; reviewed 5/20/2025
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 _____
 Species persistence in the plan area is not of substantial concern X ___

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 X ___ No ___

If no, stop assessment.

Table 1. All Known Occurrences, Years, and Frequency within the Planning Area

Year Observed	Number of Individuals	Location of Observations	Source of Information
2007	2	Big Piney Ranger District Buck Creek <small>*Occurrence record states possible issue with reported location—Not know to occur at location.</small>	Wyoming Natural Diversity Database (July 2018)
2013	1	Jackson Ranger District Cache Creek	

- a. Are all Species Occurrences Only Accidental or Transient?

Yes X ___ No ___

If yes, document source for determination and stop assessment.

The Black-throated gray warbler is a native species to Wyoming. However, the Bridger-Teton National Forest is outside the species distribution for North America (Map 1). Additionally, the habitat identified for this species, consisting of pinyon pine and juniper woodland, does not overlap with the BTNF, and the Forest is well outside this species primary habitat (Map 2). Black-throated gray warbler is found in central and southwest Wyoming (WGFD 2017). There are two known Black-throated gray warbler occurrences on the Forest that are not located in the habitat typical of this species (Table 1, Map 3). The 2007 occurrence mentions that there is a possible issue with the occupancy report due to location. The occurrences on the BTNF are those of accidental or transient individuals and there are no established populations of Black-throated gray warbler on the Forest.

Wyoming Game and Fish Department. 2017. State Wildlife Action Plan. Black-throated gray warbler (Setophaga nigrescens).

- b. For species with known occurrences on the Forest since 1990, based on the number of observations and/or year of last observation, can the species be presumed to be established or becoming established in the plan area?

Yes___ No___

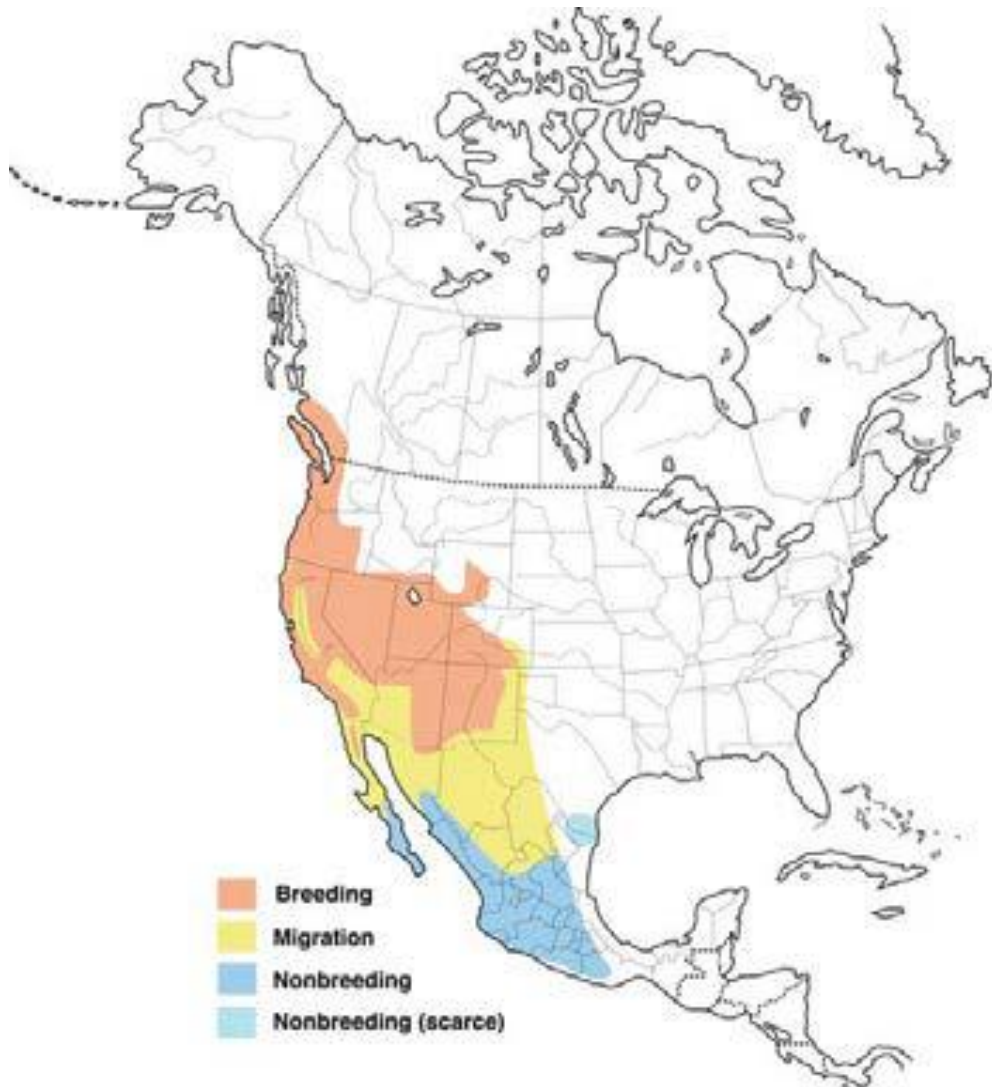
If no, provide explanation and stop assessment.

- c. For species with known occurrences on the Forest predating 1990, does the weight of evidence suggest the species still occurs in the plan area?

Yes___ No___

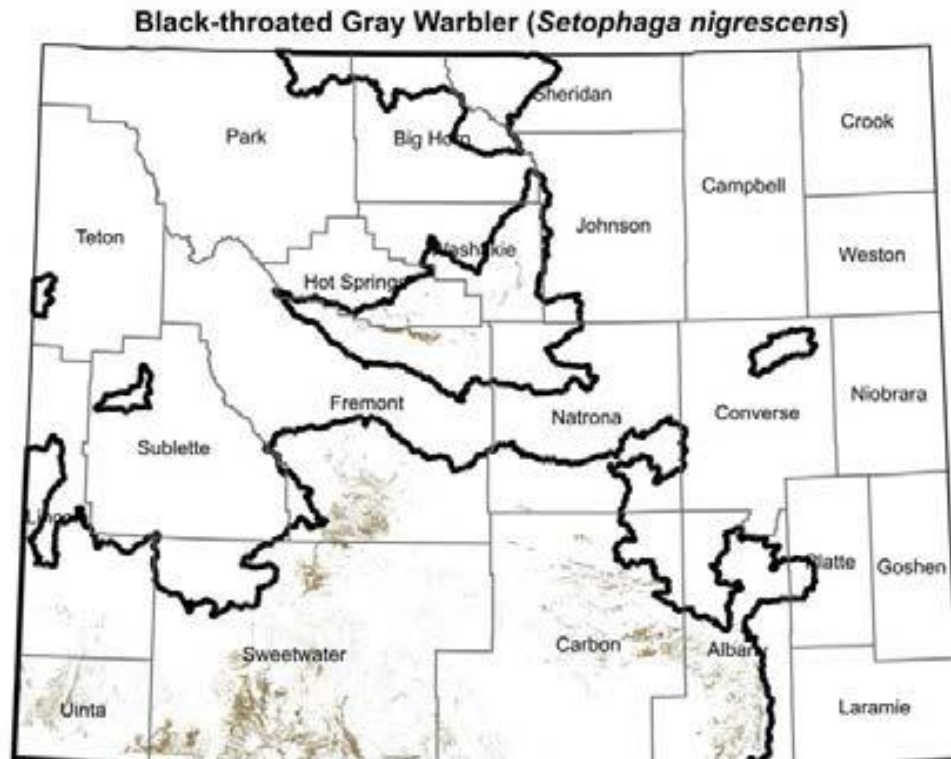
If no, provide explanation and stop assessment.

d. **Map 1**, Black-throated gray warbler range map of North America.



Wyoming Game and Fish Department. 2017. State Wildlife Action Plan. Black-throated gray warbler (*Setophaga nigrescens*).

e. **Map 2**, Range and predicted distribution of *Setophaga nigrescens* in Wyoming.

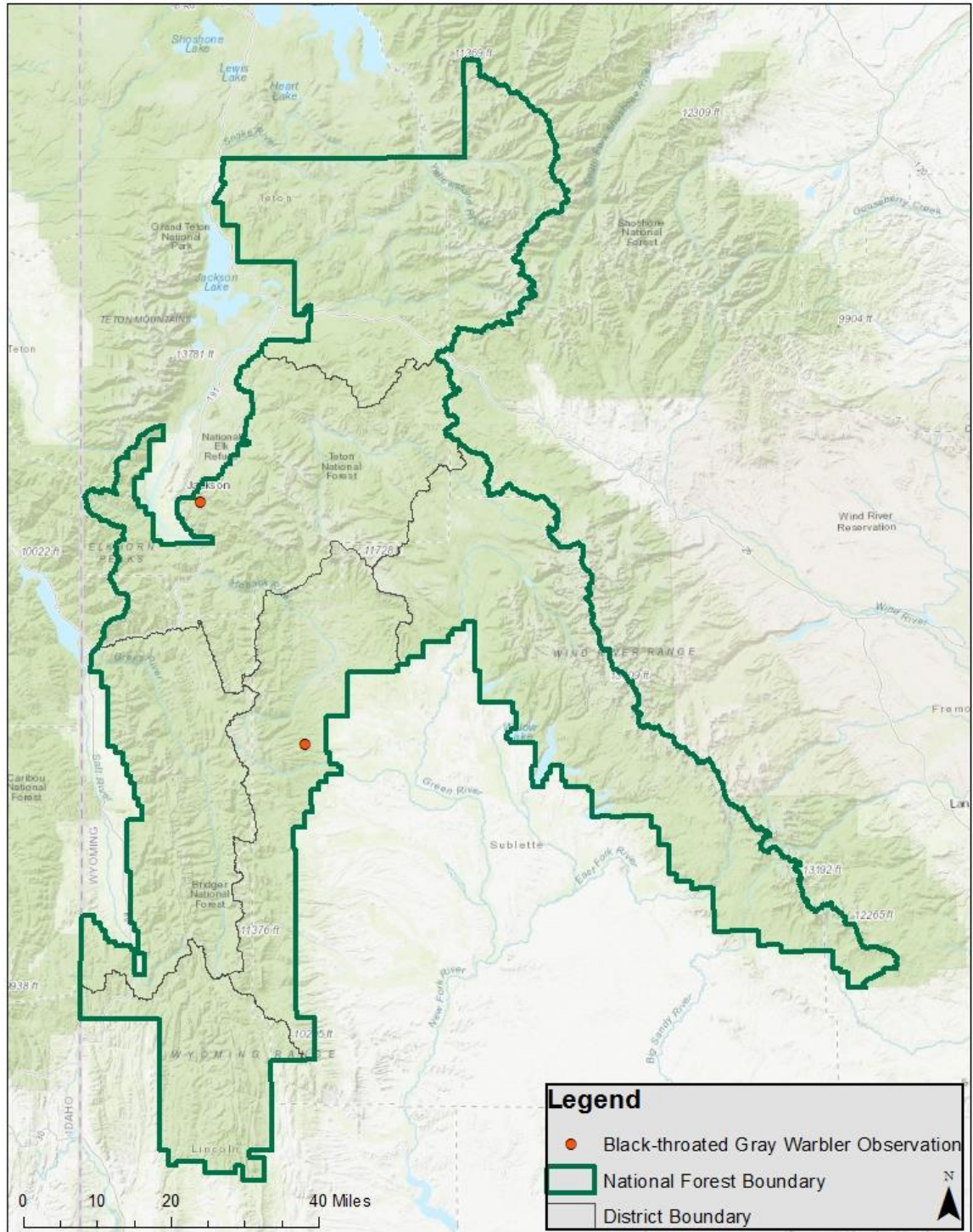


SOURCE: Digital maps of ranges for Wyoming Species of Greatest Conservation Need: Sept. 2016. Wyoming Game and Fish Department and Wyoming Natural Diversity Database, University of Wyoming, Laramie, Wyoming. Note that brown indicates the predicted distribution of the species; heavy black lines indicate outermost boundaries of possible occurrence.

Wyoming Game and Fish Department. 2017. State Wildlife Action Plan. Black-throated gray warbler (*Setophaga nigrescens*).

- f. **Map 3**, Black-throated gray warbler occurrences on the Bridger-Teton National Forest [Wyoming Natural Diversity Database (July 2018)]

Black-throated Gray Warbler (*Setophaga nigrescens*)



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 if Other)
NatureServe Global Status	<p>G5— Secure</p> <p><i>Secure: Common; widespread and abundant.</i></p>
NatureServe State Status	<p>S2— Imperiled</p> <p><i>Imperiled: At high risk of extinction due to very restricted range, very few populations (often 20 or fewer), steep declines, or other factors.</i></p>
WGFD	<p>NSS4 (Bc), Tier II</p> <p><i>Population Status: Vulnerable—Population size or distribution is restricted or declining but extirpation is not imminent</i> <i>Limiting Factors: Moderate— Limiting factors are moderate and appear likely to increase in severity</i> <i>Tier II: Moderate priority.</i></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> (WGFD - Wyoming Species of Greatest Conservation Need)</p>
WYNDD	No Special Status
USDA Forest Service	No Special Status
UDI FWS	No Special Status; Migratory Bird
WY BLM	No Special Status
IUCN	<p>LC – Least Concern</p> <p><i>A taxon is Least Concern when it has been evaluated against the criteria and does not qualify for Critically Endangered, Endangered, Vulnerable or Near Threatened. Widespread and abundant taxa are included in this category.</i></p>

	(IUCN – Red List Categories and Criteria)
Partners in Flight (PIF) Continental Concern Score	11

Table 3. Status summary based on best available scientific information.

Species (Scientific and Common Name): <i>Setophaga nigrescens</i> [Black-throated gray warbler]		
Criteria	Rationale	Literature Citations
Distribution on Bridger-Teton National Forest	NA	
Abundance on the Bridger-Teton National Forest	NA	
Population Trend on the Bridger-Teton National Forest	NA	
Habitat Trend on the Bridger-Teton National Forest	NA	
Threats to the Species and its Habitat on the Bridger-Teton National Forest	NA	
<p>Summary and recommendations: The Bridger-Teton National Forest is outside the range for the Black-throated gray warbler and habitat for this species is not present on the Forest. Occupancy records suggest that there are no established populations of Black-throated gray warblers on the Forest. For these reasons, there is no substantial concern for this species' capability to persist on the planning unit. It is recommended that the Black-throated gray warbler is not a Species of Conservation Concern for the Bridger-Teton National Forest.</p> <p>Evaluator(s): Ashley Egan, Randall Griebel</p>		Date: July 23, 2018