Biological Evaluation for Sensitive Species, Helena-Lewis and Clark National Forest 2020 Forest Plan

The sensitive species in Table 1 were identified on the 2011 Regional Forester's sensitive species list as known or suspected to occur on the Helena-Lewis and Clark National Forest (Formerly the Helena NF and Lewis and Clark NF). Determinations are supported by the below table, the Biological Evaluation Supplemental Information Spreadsheet, or in the FEIS for the 2020 Forest Plan.

Forest Service Manual 2670.5 defines a biological evaluation as a documented Forest Service review of Forest Service programs or activities in sufficient detail to determine how an action or proposed action may affect any threatened, endangered, proposed, or sensitive species. The below table below satisfies the requirements for a biological evaluation for sensitive species as outlined in FSM 2672.42. The FEIS and separate biological assessment for threatened, endangered, and proposed species prepared and submitted for ESA section 7 consultation fulfills the FSM requirement for threatened, endangered, and proposed species. Sensitive species that are also listed as threatened, endangered, or proposed (e.g., wolverine) are addressed solely in the biological assessment to avoid redundancy and address the higher legal standard.

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Table 1. Summary of determinations for sensitive species for the Helena-Lewis and Clark National Forest 2020 Forest Plan.

			Determination				
Species	Relevant Plan Components	Discussion and Rationale	No Impact	MIIH ¹	LIIH ²	BI ³	
	Terrest	rial Wildlife Species					
Bald Eagle Haliaeetus leucocephalus	FW-WTR-DC-01, 06, 09, 11; FW-WTR-STD-01; FW-WTR-GDL-01; FW-RMZ-DC-03; FW-FAH-DC-01, 07; FW-VEGT-DC-02, 03; FW-VEGF-DC-01, 04; FW-VEGF-GDL-01; FW-WL-DC-01 – 03, 06; FW-WL-GO-01 – 02; FW-WL-GDL-09; FW-REC-DC-04; FW-REC-GDL-01, 03; FW-RSUP-GDL-01; FW-WILD-DC-03, 04; FW-IRA-DC-01; FW-WSR-DC-01, 02; FW-WSR-GDL-01; FW-RT-DC-04; FW-FWL-DC-03	Plan components for terrestrial ecosystems and vegetation will provide for very large trees used for nesting or roosting and limit the risk of disturbance during key time periods. Aquatic plan components will provide for habitats used for feeding.		X			
Bighorn Sheep Ovis canadensis	FW-VEGT-DC-02, 03; FW-VEGNF-DC-03; FW-VEGNF-GDL-01; FW-WL-DC-01 – 04, 07; FW-WL-GDL-01, 05 – 08, 14; PCAZ1- NCDE-STD-03; FW-REC-DC-04; FW-REC- GDL-01; FW-WILD-DC-03; FW-IRA-DC-01; FW-GRAZ-DC-02; FW-GRAZ-GO-01; FW- GRAZ-STD-03, 04; FW-GDL-04; FW-FWL- DC-01, 03; FW-FWL-GO-01; FW-FWL- GDL-01; BB-WL-DC-01; BB-WL-STD-01; EH-WL-DC-04; EH-WL-STD-01; EH-WL- STD-03; LB-WL-DC-01, 02; LB-WL-STD- 01; RM-WL-DC-02; RM-WL-STD-01, 02; RM-WL-GDL-01; RM-CMA-DC-01	Plan components for terrestrial ecosystems, vegetation, and grazing will provide for required habitat and reduce the potential effects of grazing and disease transmission from domestic livestock.		X			
Black-backed Woodpecker Picoides arcticus	FW-FIRE-DC-01, 03; FW-VEGT-DC-01; FW-VEGF-DC-02 – 09; FW-VEGF-GDL-01, 02, 04, 05; FW-WL-DC-01 – 04, FW-WL-GO-01, 02,	Plan components for terrestrial ecosystems and vegetation plan components for timber will protect burned forests used for nesting and feeding.		X			

¹May Impact Individuals or Habitat, but will not likely result in a trend toward federal listing or reduced viability for the population or species.

²Likely to Impact Individuals or Habitat, with a consequence that the action may contribute towards federal listing or result in reduced viability for the population or species.

³Beneficial Impact to individuals or habitat.

Burrowing Owl Athene cunicularia	05; FW-WILD-DC-02, 03; FW-WILD-SUIT-03; FW-WSA-DC-01; FW-FWL-DC-03; BB-WL-DC-02; DI-WL-DC-02; EH-WL-DC-03; EH-WL-GDL-01; UB-WL-DC-02 N/A FW-VEGT-DC-02, 03, 04; FW-VEGF-DC-02 – 05, 07; FW-VEGF-GDL-01 – 04; FW-WL-DC-	The species is not known or suspected to occur in the plan area. Plan components for terrestrial ecosystems, vegetation, and riparian management zones will	X		
Fisher Pekania pennanti	01 – 04, 06; FW-WL-GO-01, 02; FW-WILD-DC-01 – 03; FW-FWL-DC-03; RM-WL-DC-01; UB-WL-DC-01	provide for very large trees (live and dead) used for denning and resting. A mosaic of successional stages will provide cover and feeding habitat.		X	
Flammulated Owl Otus flammeolus	FW-FIRE-DC-01, 03; FW-VEGT-DC-01; FW-VEGF-DC-01 – 09; FW-VEGF-GDL-01, 02, 04, 05; FW-WL-DC-01 – 04, FW-WL-GO-01, 02, 05; FW-WILD-DC-02, 03; FW-WILD-SUIT-03; FW-WSA-DC-01; FW-FWL-DC-03; BB-WL-DC-02; DI-WL-DC-02; EH-WL-DC-03; EH-WL-GDL-01; UB-WL-DC-02	Plan components for terrestrial ecosystems and vegetation and plan components for species of conservation concern will provide for snags used for nesting and restore the forest structure needed for feeding and roosting.		X	
Gray Wolf Canis lupus	FW-VEGT-DC-02, 03; FW-VEGNF-DC-03; FW-VEGNF-GDL-01; FW-WL-DC-01 - 05, 07; FW-WL-GDL-01, 05 - 08, 14; PCAZ1-NCDE-STD-03; FW-REC-DC-04; FW-REC-GDL-01; FW-WILD-DC-03; FW-IRA-DC-01; FW-GRAZ-DC-02; FW-GRAZ-GO-01; FW-GRAZ-STD-03, 04; FW-GRAZ-GDL-04; FW-FWL-DC-01, 03; FW-FWL-GO-01; FW-FWL-GDL-01; BB-WL-DC-01; BB-WL-STD-01; EH-WL-DC-04; EH-WL-STD-01; EH-WL-STD-03; LB-WL-DC-01, 02; LB-WL-STD-01; RM-WL-DC-02; RM-WL-STD-01, 02; RM-WL-GDL-01; RM-CMA-DC-01; FW-WSR-DC-01, 02; FW-WSR-GDL-01; FW-LAND-DC-03; FW-LAND-GO-01; BB-WL-DC-03; CR-WL-DC-01; DI-WL-DC-01; EH-WL-DC-02; RM-WL-DC-01; UB-WL-DC-01	Plan components for wildlife diversity (including those for ungulate prey) will provide for prey species, and plan components for designated areas will limit the risk of disturbance during key time periods and protect denning and rendezvous sites.		X	

Greater Sage Grouse Centrocercus urophasianus	N/A	The species is not known or suspected to occur in the plan area.	X		
Greater Short- horned Lizard Phrynosoma hernandesi	N/A	The species is not known or suspected to occur in the plan area.	X		
Harlequin Duck Histrionicus histrionicus	FW-WTR-DC-01, 03, 06, 07, 10; FW-WTR-GDL-01; FW-RMZ-DC-01; FW-RMZ-STD-03, 05; FW-FAH-DC-01 – 07; FW-FAH-GDL-01, 04; FW-WL-DC-01 – 04, 06, 10; FW-WL-GO-01, 02, 04 – 06; FW-WILD-DC-02 – 04; FW-WSR-DC-01, 02; FW-WSR-GDL-01; FW-FWL-DC-03; RM-WL-DC-03; RM-WL-GDL-02; UB-WL-DC-03; UB-WL-GDL-02	Plan components for aquatic ecosystems (including riparian management zones), recreation and other stream uses will protect sites used for nesting and feeding and limit the risk of disturbance during key time periods.		X	
Townsend's Big- eared Bat Corynorhinus townsendii	FW-VEGT-DC-01 – 03; FW-VEGF-DC-03 – 06; FW-VEGF-GDL-01 – 05; FW-WL- DC-01 – 06, 08, 10; FW-WL-GO-01, 02, 05 – 07; FW-WL-GDL-10 – 12; FW-OFP- GDL-03; FW-FWL-DC-03; FW-EMIN-DC- 01, 02; FW-EMIN-STD-02; FW-EMIN- GDL-03; FW-WILD-GDL-02	Plan components for wildlife, caves, and terrestrial vegetation will provide for sites used as maternity roosts and hibernacula and limit the risk of disturbance during key time periods.		X	
Northern Bog Lemming Synaptomys borealis	FW-WTR-DC-01 – 05, 09, 10, 11; FW-WTR-STD-01; FW-WTR-GDL-01, 03; FW-RMZ-DC-01, 02; FW-RMZ-STD-02 – 06; FW-RMZ-GDL-01 – 12; FW-FAH-DC-01 – 07; FW-FAH-GDL-01, 03, 04, 05; FW-VEGNF-DC-01 – 03; FW-WL-DC-01 – 04, 06; FW-WL-STD-01; FW-WL-GDL-01, 03, 04, 07, 08, 13; FW-GRAZ-DC-02 – 04; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 – 07; HI-VEGNF-DC-01; FW-SOIL-DC-02; FW-VEGT-DC-06; FW-VEGF-DC-11	Plan components for wilderness areas, riparian management zones, and forested and nonforested vegetation will provide for sites used for breeding and feeding.		X	
Northern Leopard Frog Rana pipiens	FW-WTR-DC-01 – 05, 09, 10, 11; FW-WTR-STD-01; FW-WTR-GDL-01, 03; FW-RMZ-DC-01, 02; FW-RMZ-STD-02 – 06; FW-RMZ-GDL-01 – 12; FW-FAH-DC-01 – 07; FW-FAH-GDL-01, 03, 04, 05; FW-VEGNF-DC-01 – 03; FW-WL-DC-01 – 04, 06; FW-WL-STD-01; FW-WL-	Plan components for terrestrial ecosystems, vegetation, grazing, and riparian management zones will provide for areas used for breeding and feeding.		X	

Peregrine Falcon Falco peregrinus anatum	GDL-01, 03, 04, 07, 08, 13; FW-GRAZ-DC-02 – 04; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 – 07; HI-VEGNF-DC-01 FW-VEGNF-DC-01, 03; FW-VEGNF-GDL-01; FW-WL-DC-01 – 04, 06, 07; FW-WL-GO-01, 02, 05, 06; FW-WL-GDL-09; FW-FWL-DC-03; FW-EMIN-DC-03, 04	Plan components will provide for cliffs used for nesting and limit the risk of disturbance during key time periods.		X	
Plains Spadefoot Spea bombifrons	N/A	The species is not known or suspected to occur in the plan area.	X		
Western Toad Anaxyrus boreas	FW-WTR-DC-01 – 05, 09, 10, 11; FW-WTR-STD-01; FW-WTR-GDL-01, 03; FW-RMZ-DC-01, 02; FW-RMZ-STD-02 – 06; FW-RMZ-GDL-01 – 12; FW-FAH-DC-01 – 07; FW-FAH-GDL-01, 03, 04, 05; FW-VEGNF-DC-01 – 03; FW-WL-DC-01 – 04, 06; FW-WL-STD-01; FW-WL-GDL-01, 03, 04, 07, 08, 13; FW-GRAZ-DC-02 – 04; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 – 07; HI-VEGNF-DC-01	Plan components for aquatic ecosystems (including riparian management zones), wildlife diversity, and the specific restrictions of chemical application on or near breeding sites will protect sites used for breeding, feeding, and travelling.		X	
Wolverine Gulo gulo luscus	FW-VEGT-DC-01; FW-VEGNF-DC-03; FW-WL-DC-01 – 04, 06; FW-WL-GO-01, 02, 05, 06; CR-WL-DC-01; DI-WL-DC-01; EH-WL-DC-02; RM-WL-DC-01; UB-WL-GDL-01; FW-WILD-DC-01, 02; FW-FWL-DC-03	Please refer to the biological assessment for wolverine.		X	
	1	Plant Species			
Musk-root Adoxa moschatellina	FW-SOIL-DC-01; FW-VEGT-DC-01 to 04; FW-PLANT-DC-01; FW-POLL-DC-01; FW- INV-DC-01, 02, 03; FW-REC-DC-04; FW- IRA-DC-01, 02; FW-RNA-DC-01; FW- GRAZ-DC-03; FW-PLANT-GO-01; FW- WTR-GDL-02; FW-SOIL-STD-01, 03; FW- VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-RNA-GDL-01; FW-GRAZ-STD-01, 02;	The 2020 Forest Plan may impact individuals or habitat, but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for vegetation, soil, and livestock grazing protect the native species composition of the mesic-montane-disturbance-talus habitat guild of this species. Plant SCC plan components support maintaining the ecological processes and habitat conditions and		X	

Round-leaved Orchis Amerorchis rotundifolia	FW-GRAZ-GDL-02, 04, 06; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; MON-PLANT-01; MON-INV-03 FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 03; FW-VEGF-DC-11; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; MON-PLANT-01; MON-INV-03	include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations. The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the wetland-riparian habitat guild of this species. Recreation, livestock grazing, timber and fire and fuels plan components prevent damages from occurring during project activities to known populations and wetland-riparian habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	
Short-styled Columbine Aquilegia brevistyla	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 03; FW-VEGF-DC-11; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-RNA-GDL-01; FW-RNA-GDL-01; FW-RNA-GDL-01; FW-RNA-GDL-01; FW-RNA-GDL-01; FW-GRAZ-GDL-01 to 07; FW-TIM-GDL-01; FW-TIM-GDL-01; FW-TIM-GDL-01; FW-TIM-GDL-01; FW-TIM-GDL-01; FW-TIM-STD-01, 03;	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the wetland-riparian habitat guild of this species. Recreation, livestock grazing, timber and fire and fuels plan components prevent damages from occurring during project activities to known populations and wetland-riparian habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact	X	

	FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; MON-PLANT-01; MON-INV-03	populations.		
Lackschewitz' Milkvetch Astragalus lackschewitzii	FW-SOIL-DC-01, 02; FW-VEGT-DC-01 to 04; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01, 02; FW-REC-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03; FW-CARB-DC-01; FW-WILD-DC-02, 03; FW-PLANT-GO-01; FW-SOIL-STD-01, 03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-NRT-GDL-01; FW-RNA-GDL-01; FW-GRAZ-GDL-02, 04, 06; FW-OFP-DC-01; FW-OFP-GDL-03; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for vegetation, soil, designated wilderness and livestock grazing plan components protect alpine habitat guild of this species. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	
Upward-lobed Moonwort Botrychium ascendens	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 03; FW-VEGF-DC-11; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RMZ-OBJ-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the wetland-riparian habitat guild of this species. Recreation, livestock grazing, timber and fire and fuels plan components prevent damages from occurring during project activities to known populations and wetland-riparian habitats. This species has no known occurrences in the plan area, but habitat is present.	X	

Wavy Moonwort Botrychium crenulatum	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 03; FW-VEGF-DC-11; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the wetland-riparian habitat guild of this species. Recreation, livestock grazing, timber and fire and fuels plan components prevent damages from occurring during project activities to known populations and wetland-riparian habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	
Peculiar Moonwort Botrychium paradoxum	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 03; FW-VEGF-DC-11; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RMZ-OBJ-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the wetland-riparian habitat guild of this species. Recreation, livestock grazing, timber and fire and fuels plan components prevent damages from occurring during project activities to known populations and wetland-riparian habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	

Creeping Sedge Carex chordorrhiza	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 04; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04 FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02; FW-PLANT-GDL-01; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; FW-INV-GDL-01 to 05; FW-INV-STD-01; FW-RAC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, soil, recreation, livestock grazing, timber and fire and fuels plan components protect the peatland habitat guild of this species, including groundwater dependent ecosystems plan components and the riparian management zone (RMZ) plan components. This species is not known to occur in the plan area, but habitat is present.	X	
Glaucus Beaked Sedge Carex rostrata	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 04; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04 FW-RMZ-GDL-03; FW-VEGT-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; FW-INV-GDL-01 to 05; FW-INV-STD-01; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the peatland habitat guild of this species, including groundwater dependent ecosystems plan components and the riparian management zone (RMZ) plan components. Recreation, livestock grazing, timber and fire and fuels plan components include habitat protections to prevent damages from occurring as a result of project activities to known populations and peatland habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	

Small Yellow Lady's Slipper Cypripedium parviflorum	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 03; FW-VEGF-DC-11; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RMZ-OBJ-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the wetland-riparian habitat guild of this species. Recreation, livestock grazing, timber and fire and fuels plan components prevent damages from occurring during project activities to known populations and habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	
Sparrow's Egg Lady's Slipper Cypripedium passerinum	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 03; FW-VEGF-DC-11; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RMZ-OBJ-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the wetland-riparian habitat guild of this species. Recreation, livestock grazing, timber and fire and fuels plan components prevent damages from occurring during project activities to known populations and habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	

English Sundew Drosera anglica	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 04; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; FW-INV-GDL-01 to 05; FW-INV-STD-01; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the peatland habitat guild of this species, including groundwater dependent ecosystems plan components and the riparian management zone (RMZ) plan components. Recreation, livestock grazing, timber and fire and fuels plan components include habitat protections to prevent damages from occurring as a result of project activities to known populations and peatland habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	
Slenderleaf Sundew Drosera linearis	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 04; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02; FW-PLANT-GDL-01; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; FW-INV-GDL-01 to 05; FW-INV-STD-01; FW-RNA-GDL-01; FW-LAND-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the peatland habitat guild of this species, including groundwater dependent ecosystems plan components and the riparian management zone (RMZ) plan components. Recreation, livestock grazing, timber and fire and fuels plan components include habitat protections to prevent damages from occurring as a result of project activities to known populations and peatland habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	

Beaked Spikerush Eleocharis rostellata	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 04; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; FW-INV-GDL-01; FW-INV-STD-01; FW-RMZ-GDL-01; FW-INV-GDL-01; FW-INV-STD-01; FW-RMZ-GDL-03; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the peatland habitat guild of this species, including groundwater dependent ecosystems plan components and the riparian management zone (RMZ) plan components. Recreation, livestock grazing, timber and fire and fuels plan components include habitat protections to prevent damages from occurring as a result of project activities to known populations and peatland habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	
Northern wildrye Elymus innovatus	FW-WTR-DC-05; FW-SOIL-DC-01, 02; FW-FIRE-DC-01; FW-VEGT-DC-01 to 04; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-WILD-DC-04; FW-GRAZ-DC-01, 03; FW-PLANT-GO-01; FW-INV-OBJ-01; FW-SOIL-STD-01, 03; FW-FIRE-GDL-01; FW-WTR-GDL-02; FW-FIRE-GDL-04; FW-VEGT-GDL-01, 02, 04; FW-VEGNF-GDL-01; FW-INV-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-02, 04, 06; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for vegetation, soil, and livestock grazing plan components protect the native species composition of the grassland habitat guild of this species. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include guidelines specific to plant species diversity and plant species of conservation concern provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	

Giant Helleborne Epipactis gigantea	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 03; FW-VEGF-DC-11; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the wetland-riparian habitat guild of this species. Recreation, livestock grazing, timber and fire and fuels plan components prevent damages from occurring during project activities to known populations and habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	
Lackschewitz's fleabane Erigeron lackschewitzii	FW-SOIL-DC-01, 02; FW-VEGT-DC-01 to 04; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01, 02; FW-REC-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03; FW-CARB-DC-01; FW-WILD-DC-02, 03; FW-PLANT-GO-01; FW-SOIL-STD-01, 03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-NRT-GDL-01; FW-RNA-GDL-01; FW-GRAZ-GDL-02, 04, 06; FW-OFP-DC-01; FW-OFP-GDL-03; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for vegetation, soil, designated wilderness and livestock grazing plan components protect alpine habitat guild of this species. This species occurs in remote habitat with reduced level of threats to species viability.	X	
Macoun's gentian Gentianopsis macounii	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 04; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02;	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the peatland habitat guild of this species, including groundwater dependent ecosystems plan components and the riparian	X	

	FW-WTR-GDL-02; FW-RMZ-STD-01, 04 FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02; FW-PLANT-GDL-01; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; FW-INV-GDL-01 to 05; FW-INV-STD-01; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; MON-PLANT-01; MON-INV-03	management zone (RMZ) plan components. Recreation, livestock grazing, timber and fire and fuels plan components include habitat protections to prevent damages from occurring as a result of project activities to known populations and peatland habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.		
Northern Rattlesnake- plantain Goodyera repens	FW-SOIL-DC-01; FW-VEGT-DC-01 to 04; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01, 02, 03; FW-REC-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03; FW-PLANT-GO-01; FW-WTR-GDL-02; FW-SOIL-STD-01, 03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-RNA-GDL-01; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-02, 04, 06; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic, vegetation, soil, and livestock grazing plan components protect the native species composition of the mesic-montane-disturbance-talus habitat guild of this species. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	
Howell's Gumweed Grindelia howellii	FW-WTR-DC-05; FW-SOIL-DC-01, 02; FW-FIRE-DC-01; FW-VEGT-DC-01 to 04; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-WILD-DC-04; FW-GRAZ-DC-01, 03; FW-PLANT-GO-01; FW-INV-OBJ-01; FW-SOIL-STD-01, 03; FW-FIRE-GDL-01; FW-WTR-GDL-02; FW-FIRE-GDL-04; FW-VEGT-GDL-01, 02, 04; FW-VEGNF-GDL-01; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-02, 04, 06; FW-	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for vegetation, soil, and livestock grazing plan components protect the native species composition of the grassland habitat guild of this species. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	

Hall's Rush Juncus hallii	TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; MON-PLANT-01; MON-INV-03 FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 03; FW-VEGF-DC-11; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the wetland-riparian habitat guild of this species. Recreation, livestock grazing, timber and fire and fuels plan components prevent damages from occurring during project activities to known populations and habitats. This species is more common in the plan area than previously understood when it was designated as a RFSS and there is no known threat to species viability in the plan area due to high population numbers and disturbance tolerance.	X	
Treelike clubmoss Lycopodium dendroideum	FW-SOIL-DC-01; FW-VEGT-DC-01 to 04; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01, 02, 03; FW-REC-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03; FW-PLANT-GO-01; FW-WTR-GDL-02; FW-SOIL-STD-01, 03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-RNA-GDL-01; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-02, 04, 06; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic, vegetation, soil, and livestock grazing plan components protect the native species composition of the mesic-montane-disturbance-talus habitat guild of this species. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	

Storm Saxifrage Micranthes tempestiva	FW-SOIL-DC-01; FW-VEGT-DC-01 to 04; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01, 02, 03; FW-REC-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03; FW-PLANT-GO-01; FW-WTR-GDL-02; FW-SOIL-STD-01, 03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-RNA-GDL-01; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-02, 04, 06; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic, vegetation, soil, and livestock grazing plan components protect the native species composition of the mesic-montane-disturbance-talus habitat guild of this species. This species is not known to occur in the plan area, but habitat is present.	X	
Stalked-pod Locoweed Oxytropis podocarpa	FW-SOIL-DC-01, 02; FW-VEGT-DC-01 to 04; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01, 02; FW-REC-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03; FW-CARB-DC-01; FW-WILD-DC-02, 03; FW-PLANT-GO-01; FW-SOIL-STD-01, 03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-NRT-GDL-01; FW-RNA-GDL-01; FW-GRAZ-GDL-02, 04, 06; FW-OFP-DC-01; FW-OFP-GDL-03; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for vegetation, soil, designated wilderness and livestock grazing plan components protect alpine habitat guild of this species. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	
Missoula Phlox Phlox kelseyi var missoulensis	FW-WTR-DC-05; FW-SOIL-DC-01, 02; FW-FIRE-DC-01; FW-VEGT-DC-01 to 04; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-WILD-DC-04; FW-GRAZ-DC-01, 03; FW-PLANT-GO-01; FW-INV-OBJ-01; FW-SOIL-STD-01, 03; FW-FIRE-GDL-01; FW-WTR-GDL-02; FW-FIRE-GDL-04; FW-VEGT-GDL-01, 02, 04; FW-VEGNF-GDL-01; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-GRAZ-	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for vegetation, soil, and livestock grazing plan components protect the native species composition of the grassland habitat guild of this species. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact	X	

	STD-01, 02; FW-GRAZ-GDL-02, 04, 06; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; MON-PLANT-01; MON-INV-03	populations.		
White-bark Pine Pinus albicaulis	FW-VEGT-DC-01 to 04; FW-FIRE-DC-01; FW-VEGF-DC-01, 09; FW-PLANT-DC-02; PCA-NCDE-DC-04; FW-WILD-DC-02; FW-RECWILD-DC-02; FW-WSA-DC-01; FW-PLANT-OBJ-01; FW-FIRE-GDL-01, 04; FW-VEGT-GDL-01, 03; FW-TIM-GDL-01; FW-VEGF-GDL-03; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-WSA-SUIT-03; FW-IRA-SUIT-03; RM-BTM-SUIT-02; MON-PLANT-02, 03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for vegetation components that sustain and enhance this species in the plan area by prioritizing this species for restoration treatments. Plant at-risk plan components for FWS threatened, endangered, candidate, and proposed species support maintaining the ecological processes and habitat conditions and key whitebark pine areas, includes a specific objective to restore 4,500 acres over the life of the plan, and a guideline to maintain species and habitats during planning and implementation of activities that may impact populations.	X	
Austin's Knotweed Polygonum austiniae	FW-SOIL-DC-01; FW-VEGT-DC-01 to 04; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01, 02, 03; FW-REC-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03; FW-PLANT-GO-01; FW-WTR-GDL-02; FW-SOIL-STD-01, 03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-RNA-GDL-01; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-02, 04, 06; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic, vegetation, soil, and livestock grazing plan components protect the native species composition of the mesic-montane-disturbance-talus habitat guild of this species. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	
Blunt-leaved pondweed Potamogeton obtusifolius	FW-WTR-DC-01 to 09, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01, 03, 08; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-RT-STD-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems. Recreation, livestock grazing, timber and fire and fuels plan components prevent damages from occurring during project activities to	X	

	OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; FW-EMIN-GDL-01, 02; MON-PLANT-01; MON-INV-03	known populations and habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.		
Five-leaved cinquefoil Potentilla nivea var. pentaphylla	FW-SOIL-DC-01, 02; FW-VEGT-DC-01 to 04; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01, 02; FW-REC-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03; FW-CARB-DC-01; FW-WILD-DC-02, 03; FW-PLANT-GO-01; FW-SOIL-STD-01, 03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-NRT-GDL-01; FW-RNA-GDL-01; FW-GRAZ-GDL-02, 04, 06; FW-OFP-DC-01; FW-OFP-GDL-03; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for vegetation, soil, designated wilderness and livestock grazing plan components protect alpine habitat guild of this species. This species occurs in remote habitat with reduced level of threats to species viability.	X	
Barratt's willow Salix barrattiana	FW-SOIL-DC-01, 02; FW-VEGT-DC-01 to 04; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01, 02; FW-REC-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03; FW-CARB-DC-01; FW-WILD-DC-02, 03; FW-PLANT-GO-01; FW-SOIL-STD-01, 03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-NRT-GDL-01; FW-RNA-GDL-01; FW-GRAZ-GDL-02, 04, 06; FW-OFP-DC-01; FW-OFP-GDL-03; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for vegetation, soil, designated wilderness and livestock grazing plan components protect alpine habitat guild of this species. This species is not known to occur in the plan area, but habitat is present.	X	
Water Bulrush Schoenoplectus subterminalis	FW-WTR-DC-01 to 09, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01, 03, 08; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for	X	

	WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-RT-STD-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-	aquatic ecosystems. Recreation, livestock grazing, timber and fire and fuels plan components prevent damages from occurring during project activities to known populations and habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a		
	PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; FW-EMIN-GDL-01, 02; MON-PLANT-01; MON-INV-03	guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.		
Scorpidium Moss Scorpidium scorpioides	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 04; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02; FW-PLANT-GDL-01; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; FW-INV-GDL-01 to 05; FW-INV-STD-01; FW-RC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the peatland habitat guild of this species, including groundwater dependent ecosystems plan components and the riparian management zone (RMZ) plan components. Recreation, livestock grazing, timber and fire and fuels plan components include habitat protections to prevent damages from occurring as a result of project activities to known populations and peatland habitats. Plant SCC plan components support maintaining the ecological processes and habitat conditions and include a guideline specific to plant SCC to provide mitigation and protection measures to maintain species and habitats during planning and implementation of activities that may impact populations.	X	
Alpine Meadowrue Thalictrum alpinum	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 03; FW-VEGF-DC-11; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01;	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the wetland-riparian habitat guild of this species. Recreation, livestock grazing,	X	

	FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; MON-PLANT-01; MON-INV-03	timber and fire and fuels plan components prevent damages from occurring during project activities to known populations and habitats. This species is not known to occur in the plan area, but habitat is present.	
Tufted club-rush Trichophorum cespitosum	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 04; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-VEGT-GDL-01, 02; FW-PLANT-GDL-01; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; FW-INV-GDL-01 to 05; FW-INV-STD-01; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; MON-PLANT-01; MON-INV-03	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the peatland habitat guild of this species, including groundwater dependent ecosystems plan components and the riparian management zone (RMZ) plan components. Recreation, livestock grazing, timber and fire and fuels plan components include habitat protections to prevent damages from occurring as a result of project activities to known populations and peatland habitats. This species is not known to occur in the plan area, but habitat is present.	X
California False- helleborne Veratrum californicum	FW-WTR-DC-01 to 06, 11, 12; FW-RMZ-DC-01, 02; FW-VEGT-DC-01 to 03; FW-VEGF-DC-11; FW-VEGNF-DC-01 to 03; FW-PLANT-DC-01; FW-POLL-DC-01; FW-INV-DC-01 to 03; FW-REC-DC-04; FW-WILD-DC-04; FW-IRA-DC-01, 02; FW-RNA-DC-01; FW-GRAZ-DC-03, 04; FW-RMZ-OBJ-01; FW-FAH-OBJ-01; FW-PLANT-GO-01; FW-WTR-STD-01, 02; FW-WTR-GDL-02; FW-RMZ-STD-01, 04; FW-RMZ-GDL-03; FW-	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for aquatic ecosystems, vegetation, and soil plan components protect the wetland-riparian habitat guild of this species. Recreation, livestock grazing, timber and fire and fuels plan components prevent damages from occurring during project activities to known populations and habitats. This species is not	X

	VEGT-GDL-01, 02, 04; FW-PLANT-GDL-01; FW-INV-STD-01; FW-INV-GDL-01 to 05; FW-REC-GDL-03, 06; FW-WILD-GDL-01; FW-RNA-GDL-01; FW-LAND-GDL-02; FW-GRAZ-STD-01, 02; FW-GRAZ-GDL-01 to 07; FW-TIM-GDL-01; FW-TIM-STD-01, 03; FW-OFP-DC-01; FW-OFP-GDL-03; FW-EMIN-GDL-01, 02; MON-PLANT-01; MON-INV-03	known to occur in the plan area, but habitat is present.		
	A	quatic Species	·	
Westslope cutthroat Oncorhynchus clarki lewisi	FW-WTR-DC-01-11, 13; FW-WTR-GO-01-04; FW-WTR-STD-01-03; FW-WTR-GDL-01, 03; FW-RMZ-DC-01, 02; FW-RMZ-STD-01-06; FW-RMZ-GDL-01-12; FW-FAH-DC-01-08; FW-FAH-GO-02, 04, 05; FW-FAH-OBJ 01-03; FW-FAH-STD-01; FW-FAH-GDL-01-05; FW-CWN-DC-01; FW-CWN-OBJ-01, 02; FW-CWN-GDL-01-03; FW-VEGNF-DC-02; FW-INV-DC-02; FW-INV-GO-01; FW-WL-DC-01, 02; FW-GRAZ-STD-02, FW-GRAZ-GDL-01, 03-07	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for watershed, riparian management zone (RMZ), fisheries and aquatic habitat, conservation watershed networks, vegetation, wildlife, invasive species and grazing will prevent damages from occurring during project activities to known populations and habitats of this species.	X	
Western pearlshell mussel Margaritifera falcata	FW-WTR-DC-01-11, 13; FW-WTR-GO-01-04; FW-WTR-STD-01-03; FW-WTR-GDL-01, 03; FW-RMZ-DC-01, 02; FW-RMZ-STD-01 – 06; FW-RMZ-GDL-01-12; FW-FAH-DC-01 - 08; FW-FAH-GO-05; FW-FAH-OBJ 01, 3; FW-FAH-GDL-01, 03; FW-CWN-DC-01; FW-CWN-OBJ-01, 02; FW-WL-DC-01; FW-GRAZ-GDL-01, 03-07	The 2020 Forest Plan may impact individuals or habitat but will not likely result in a trend toward federal listing or reduced viability for the population or species because plan components for watershed, riparian management zone (RMZ), fisheries and aquatic habitat, conservation watershed networks, vegetation, wildlife, invasive species and grazing will prevent damages from occurring during project activities to known populations and habitats of this species.	X	

Recommendations for avoiding adverse effects

FSM 2672.42 stipulates that biological evaluations shall include recommendations to avoid adverse effects to sensitive species. This discussion fulfills that requirement. Since the 2020 Forest Plan represents a programmatic decision and does not result in direct effects, such as authorizing any action, the plan itself is not anticipated to result in adverse effects to sensitive species, except for those specific instances where a sensitive species is also identified by the US Fish and Wildlife Service as threatened, endangered, or proposed, as outlined in the 2020 Forest Plan biological assessment prepared under section 7 consultation requirements. Hence, recommendations to avoid adverse effects to sensitive species is best conducted at the project level using site-specific planning, analysis, and information.