

APPENDIX L:
ANALYSIS OF SPECIAL-STATUS ANIMAL SPECIES

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ANALYSIS OF SPECIAL-STATUS ANIMAL SPECIES

The table below provides an analysis of the federal and state listed and sensitive vertebrate species listed above. Those species that likely would not be measurably affected by the proposed actions were dismissed from further analysis. Those species that have the potential to be measurably affected by the proposed actions were evaluated in the “Special-status Species” or “Wildlife” sections in chapter 4.

Federal Agencies

FE = Endangered

FT = Threatened

FC = Candidate

FSS = Forest Service Sensitive

BLMS = Bureau of Land Management Sensitive

California State Agencies

CE = Endangered

CT = Threatened

CC = Candidate

CSC = Special Concern

CP = Protected

CWL = Watch List

DFS = Department of Forestry Sensitive

Table L-1: An Analysis of the Potential for Proposed Actions to Measurably Affect the Federal and State Listed and Sensitive Vertebrates That are Known to Occur in Sequoia and Kings Canyon National Parks

Common Name	Latin Name	T&E Listed		Other Status		Analysis	Result
		Federal	State	Federal	State		
Fish							
California roach	<i>Lavinia symmetricus</i>				CSC	The California roach is a small minnow that is uncommon, and found in rocky pools of small intermittent tributaries and larger streams at low elevations. California roach have been found to congregate in warm pools, which could indicate that they are able to survive at low oxygen levels during the summer (Moyle and Nichols 1973, 484). Visitor use and administrative activities can cause disturbances to this species. However, because disturbances would be short-term, infrequent, and of a negligible impact, this species has been dismissed from further analysis.	Dismissed
Hardhead	<i>Mylopharodon conocephalus</i>	-	-	FSS	CSC	There are no records of this species occurring within SEKI; therefore it will not be further evaluated.	Dismissed

Table L-1: An Analysis of the Potential for Proposed Actions to Measurably Affect the Federal and State Listed and Sensitive Vertebrates That are Known to Occur in Sequoia and Kings Canyon National Parks (continued)

Common Name	Latin Name	T&E Listed		Other Status		Analysis	Result
		Federal	State	Federal	State		
California golden trout	<i>Oncorhynchus mykiss aguabonita</i>	-	-	FSS	CSC	The California golden trout is native outside the parks in the Golden Trout Wilderness, but has been introduced to many high elevation locations within the parks (NPS 2013b, appendix F, 375; NPS 2013h). Visitor use and administrative activities can cause disturbances to this species. However, because disturbances would be short-term and of a negligible impact, this species has been dismissed from further analysis.	Dismissed
Kern rainbow trout Also called the "Kern golden trout"	<i>Oncorhynchus mykiss gilberti</i>	-	-	-	CSC	The Kern rainbow trout is endemic to the Kern River basin, and occupies the mainstem of the Kern River and its tributaries. This species is restricted to mid-elevations due to steep cascades and waterfalls. It was stocked in areas above its range, and it is considered nonnative in those areas (NPS 2013a, 202). Visitor use and administrative activities can cause disturbances to this species. However, because disturbances would be short-term and of a negligible impact, this species has been dismissed from further analysis.	Dismissed
Little Kern golden trout	<i>Oncorhynchus mykiss whitei</i>	FT	-	-	-	The Little Kern golden trout is endemic to the Little Kern River basin, which occurs primarily in the Golden Trout Wilderness of Sequoia National Forest, and in a small area of the drainage in Sequoia National Park. Visitor use and administrative activities can cause disturbances to this species. However, because disturbances would be short-term and of a negligible impact, this species has been dismissed from further analysis.	Dismissed
Amphibians							
Yosemite toad	<i>Anaxyrus (Bufo) canorus</i>	FT	-	FSS	CSC	This taxon, a federally listed endangered species, may be affected by the alternatives; therefore it will be evaluated in chapter 4.	Evaluated
Mount Lyell salamander	<i>Hydromantes platycephalus</i>	-	-	-	CSC	The Mount Lyell salamander is found in the parks but it is uncommon (NPS 2013b, appendix F, 375; NPS 2013h). The Mount Lyell salamander can be found foraging in high elevation aquatic ecosystems, though it is most often found in seeps and the spray zones of waterfalls, or under low-growing plants (NPS 2013b, 32, 382). This taxon would not be affected by the alternatives; therefore it will not be further evaluated.	Dismissed
Mountain yellow-legged frog (Sierra Nevada DPS)	<i>Rana muscosa</i>	FE	CE	FSS	CSC	This taxon, a federally and state listed endangered species, may be affected by the alternatives; therefore it will be evaluated in chapter 4.	Evaluated

Table L-1: An Analysis of the Potential for Proposed Actions to Measurably Affect the Federal and State Listed and Sensitive Vertebrates That are Known to Occur in Sequoia and Kings Canyon National Parks (continued)

Common Name	Latin Name	T&E Listed		Other Status		Analysis	Result
		Federal	State	Federal	State		
Sierra Nevada yellow-legged frog	<i>Rana sierrae</i>	FE	CT	FSS	CSC	This taxon, a federally listed endangered species and state listed threatened species, may be affected by the alternatives; therefore it will be evaluated in chapter 4.	Evaluated
Reptiles							
Western pond turtle	<i>Emys marmorata</i>	-	-	FSS BLMS	CSC	The western pond turtle is commonly found in two low elevation streams within the parks (NPS 2013h). Visitor use and administrative activities can cause disturbances to this species. However, because disturbances would be short-term and of a negligible impact, this species has been dismissed from further analysis.	Dismissed
California legless lizard	<i>Anniella pulchra</i>	-	-	FSS	CSC	There are no records of this species occurring within SEKI; therefore it will not be further evaluated.	Dismissed
Coast horned lizard	<i>Phrynosoma coronatum</i>	-	-	FSS BLMS	CSC	There are no records of this species occurring within SEKI; therefore it will not be further evaluated.	Dismissed
Birds							
Cooper's hawk	<i>Accipiter cooperii</i>	-	-		CWL	Visitor use and administrative activities can cause disturbances to this species. However, because disturbances would be short-term, infrequent, and of a negligible impact, this species has been dismissed from further analysis.	Dismissed
Northern goshawk	<i>Accipiter gentilis</i>	-	-	FSS BLMS	CSC DFS	Same as above.	Dismissed
Sharp-shinned hawk	<i>Accipiter striatus</i>			-	CWL	Same as above.	Dismissed
Golden eagle	<i>Aquila chrysaetos</i>	-	CP	-	DWL DFS	Same as above.	Dismissed
Short-eared owl	<i>Asio flammeus</i>	-	-	-	CSC	Same as above.	Dismissed
Long-eared owl	<i>Asio otus</i>	-	-	-	CSC	Same as above.	Dismissed
Ferruginous hawk	<i>Buteo regalis</i>	-	-	-	CWL	Same as above.	Dismissed
Swainson's hawk	<i>Buteo swainsoni</i>	-	CT	FSS	-	Same as above.	Dismissed
Vaux's swift	<i>Chaetura vauxi</i>	-	-	-	CSC	Same as above.	Dismissed
Northern harrier	<i>Circus cyaneus</i>	-	-	-	CSC	Same as above.	Dismissed

Table L-1: An Analysis of the Potential for Proposed Actions to Measurably Affect the Federal and State Listed and Sensitive Vertebrates That are Known to Occur in Sequoia and Kings Canyon National Parks (continued)

Common Name	Latin Name	T&E Listed		Other Status		Analysis	Result
		Federal	State	Federal	State		
Black swift	<i>Cypseloides niger</i>	-	-	-	CSC	Same as above.	Dismissed
Yellow warbler	<i>Dendroica petechia</i>	-	-	-	CSC	This species is a known host for brown-headed cowbirds and there is a potential for measurable negative impacts as a result of nest parasitism. Therefore this species will be evaluated (collectively with other bird species that are hosts for brown-headed cowbirds).	Evaluated
White-tailed kite	<i>Elanus leucurus</i>	-	CP	-	-	Visitor use and administrative activities can cause disturbances to this species. However, because disturbances would be short-term, infrequent, and of a negligible impact, this species has been dismissed from further analysis.	Dismissed
Willow flycatcher	<i>Empidonax traillii</i>	-	SE	FSS	-	This species is a known host for brown-headed cowbirds and there is a potential for measurable negative impacts as a result of nest parasitism. Therefore this species will be evaluated (collectively with other bird species that are hosts for brown-headed cowbirds).	Evaluated
Horned lark	<i>Eremophila alpestris</i>	-	-	-	CWL	This species is a known host for brown-headed cowbirds and there is a potential for measurable negative impacts as a result of nest parasitism. Therefore this species will be evaluated (collectively with other bird species that are hosts for brown-headed cowbirds).	Evaluated
Merlin	<i>Falco columbarius</i>	-	-	-	CWL	Visitor use and administrative activities can cause disturbances to this species. However, because disturbances would be short-term, infrequent, and of a negligible impact, this species has been dismissed from further analysis.	Dismissed
Prairie falcon	<i>Falco mexicanus</i>	-	-	-	CWL	Same as above.	Dismissed
Peregrine falcon	<i>Falco peregrinus</i>	Delisted	CP	-	DFS	Same as above.	Dismissed
California condor	<i>Gymnogyps californianus</i>	FE	CE	-	DFS	Same as above.	Dismissed
Bald eagle	<i>Haliaeetus leucocephalus</i>	Delisted	SE CP	FSS	DFS	Same as above.	Dismissed
Harlequin duck	<i>Histrionicus histrionicus</i>	-	-	-	CSC	Same as above.	Dismissed
Northern shrike	<i>Lanius excubitor</i>	-	-	-	CSC	This taxon is not found in project area.	Dismissed

Table L-1: An Analysis of the Potential for Proposed Actions to Measurably Affect the Federal and State Listed and Sensitive Vertebrates That are Known to Occur in Sequoia and Kings Canyon National Parks (continued)

Common Name	Latin Name	T&E Listed		Other Status		Analysis	Result
		Federal	State	Federal	State		
California gull	<i>Larus californicus</i>	-	-	-	CWL	Visitor use and administrative activities can cause disturbances to this species. However, because disturbances would be short-term, infrequent, and of a negligible impact, this species has been dismissed from further analysis.	Dismissed
Osprey	<i>Pandion haliaetus</i>	-	-	-	CWL DFS	Same as above.	Dismissed
Purple martin	<i>Progne subis</i>	-	-	-	CSC	This species is a known host for brown-headed cowbirds and there is a potential for measurable negative impacts as a result of nest parasitism. Therefore this species will be evaluated (collectively with other bird species that are hosts for brown-headed cowbirds).	Evaluated
Great gray owl	<i>Strix nebulosa</i>	-	SE	FSS	DFS	Visitor use and administrative activities can cause disturbances to this species. However, because disturbances would be short-term, infrequent, and of a negligible impact, this species has been dismissed from further analysis.	Dismissed
Spotted owl	<i>Strix occidentalis</i>	-	-	FSS BLMS	CSC	Same as above.	Dismissed
Mammals							
Pallid bat	<i>Antrozous pallidus</i>	-	-	FSS BLMS	CSC	Visitor use and administrative activities can cause disturbances to this species. However, because disturbances would be short-term, infrequent, and of a negligible impact, this species has been dismissed from further analysis.	Dismissed
Sierra Nevada mountain beaver	<i>Aplodontia rufa californica</i>	-	-	-	CSC	Same as above.	Dismissed
Townsend's big-eared bat	<i>Corynorhinus townsendii</i>	-	-	FSS BLMS	CSC	Same as above.	Dismissed
Spotted bat	<i>Euderma maculatum</i>	-	-	BLMS	CSC	Same as above.	Dismissed
Western Mastiff bat	<i>Eumops perotis</i>	-	-	BLMS	CSC	Same as above.	Dismissed
Wolverine	<i>Gulo gulo</i>	FC	ST CP	FSS	-	This species is likely extirpated from the parks.	Dismissed

Table L-1: An Analysis of the Potential for Proposed Actions to Measurably Affect the Federal and State Listed and Sensitive Vertebrates That are Known to Occur in Sequoia and Kings Canyon National Parks (continued)

Common Name	Latin Name	T&E Listed		Other Status		Analysis	Result
		Federal	State	Federal	State		
Western red bat	<i>Lasiurus blossevillei</i>	-	-	FSS	CSC	Visitor use and administrative activities can cause disturbances to this species. However, because disturbances would be short-term, infrequent, and of a negligible impact, this species has been dismissed from further analysis	Dismissed
White-tailed jack rabbit	<i>Lepus townsendii</i>	-	-	-	CSC	Same as above.	Dismissed
Marten	<i>Martes americana sierrae</i>	-	-	FSS	-	Same as above.	Dismissed
Fisher	<i>Martes pennanti</i>	FC	-	FSS BLMS	CSC	Same as above.	Dismissed
Small-footed myotis	<i>Myotis leibii</i>	-	-	BLMS	-	Same as above.	Dismissed
Long-eared myotis	<i>Myotis evotis</i>	-	-	BLMS	-	Same as above.	Dismissed
Fringed myotis	<i>Myotis thysanodes</i>	-	-	BLMS	-	Same as above.	Dismissed
Yuma myotis	<i>Myotis yumanensis</i>	-	-	BLMS	-	Same as above.	Dismissed
Sierra Nevada bighorn sheep	<i>Ovis canadensis sierrae</i>	FE	SE CP	-	-	Some bighorn sheep populations in the US have experienced significant negative effects as a result of human disturbance. Such impacts could potentially occur in SEKI as well; therefore, this species is being evaluated under Special-Status Species in chapter 4.	Evaluated
American badger	<i>Taxidea taxus</i>	-	-	-	CSC	Visitor use and administrative activities can cause disturbances to this species. However, because disturbances would be short-term, infrequent, and of a negligible impact, this species has been dismissed from further analysis.	Dismissed
Sierra Nevada red fox	<i>Vulpes vulpes necator</i>	-	ST	FSS	-	Visitor use and administrative activities can cause disturbances to this species. However, because disturbances would be short-term, infrequent, and of a negligible impact, this species has been dismissed from further analysis.	Dismissed