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# **TERR 5 COMMON AND SPECIAL-STATUS WILDLIFE SPECIES**

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## **1.0 EXECUTIVE SUMMARY**

In 2004, a reconnaissance-level wildlife survey was completed at Project facilities, as well as roads, trails, and recreation features not surveyed in 2001, 2002, or 2003. Twenty-four common wildlife species were detected during the reconnaissance wildlife survey, including one reptile, 17 birds, and six mammals. Two special-status wildlife species, osprey, and yellow warbler, were detected.

## **2.0 STUDY OBJECTIVES**

- Determine the presence of common and special-status wildlife species and their habitats adjacent to Project facilities, bypass and flow-augmented reaches, and recreation features not surveyed in 2001, 2002, and 2003.

## **3.0 STUDY IMPLEMENTATION**

### **3.1 STUDY ELEMENTS COMPLETED**

- Conducted reconnaissance wildlife surveys in representative habitats near Project facilities, as well as roads, trails, and recreation features in the study area, not surveyed in 2001, 2002, and 2003.
- For each detection of a special-status wildlife species, the locations were mapped in a GIS database and California Natural Diversity Database (CNDDDB) forms were completed.

### **3.2 OUTSTANDING STUDY ELEMENTS**

- There are no outstanding study elements.

## **4.0 STUDY METHODOLOGY**

### **4.1 RECONNAISSANCE-LEVEL WILDLIFE SURVEY**

Reconnaissance-level wildlife surveys were conducted on July 8, 2004, at Project facilities, as well as roads, trails, and recreation features in the study area, not surveyed in 2001, 2002, or 2003. Refer to 2004 TERR 3, Special-status Plant Species Technical Study Report (TSR) Appendix C for a list of Project facilities as well as roads, trails, and recreation features surveyed (SCE 2005). Refer to the 2002 TERR 5, Common and Special-status Wildlife Species TSR (SCE 2003) for a detailed methodology.

## **5.0 STUDY RESULTS AND ANALYSIS**

### **5.1 RECONNAISSANCE SURVEY**

There was a total of 24 common wildlife species detected during the reconnaissance wildlife survey, including 1 reptile, 17 bird, and 6 mammal species (Table TERR 5-1). Two special-status wildlife species, osprey and yellow warbler, were detected (Appendix A). Ospreys were detected at Shaver Lake Fishing Club and Access Road to Eagle Point Boat Only Day Use Area (off of 9S58) and Eagle Point Boat Only Day Use Area. Yellow warblers were detected at Shaver Lake Fishing Club, Shaver Lake Dam Tenders Cabin, Access Road to Eagle Point Boat Only Day Use Area (off of 9S58), Eagle Point Boat Only Day Use Area, Grouse Creek Tunnel Muck Site, 8S302 from Hwy 168 to Huntington-Pitman-Shaver Tunnel Adit (Camp 72), 8S312 and 8S312A Access Road to Huntington-Shaver Siphon from Hwy 168, and 8S305 from Hwy 168 to 8S312 to 8S312A Access Road to Huntington-Shaver Siphon.

## **6.0 LITERATURE CITED**

Southern California Edison. 2003. TERR 5, Common and Special-Status Wildlife Species. 2002 Technical Study Report Package for the Big Creek Hydroelectric System Alternative Licensing Process prepared by Southern California Edison. October 10, 2003.

Southern California Edison. 2005. TERR 3, Special-status Plant Species (Appendix C). 2004 Technical Study Report for the Big Creek Hydroelectric System Alternative Licensing Process prepared by Southern California Edison. April 2005.

**Table TERR 5-1. Common and Special-status Wildlife Species Detected during Reconnaissance-level Wildlife Surveys in 2004.**

Facility	Habitat	Approximate Elevation (feet)	Species Detected		Detection Method
			Common Name	Scientific Name	
Shaver Lake Fishing Club	SMC	5400	Osprey	<i>Pandion haliaetus</i>	Visual
			Red-tailed hawk	<i>Buteo jamaicensis</i>	Visual
			Stellar's jay	<i>Cyanocitta stelleri</i>	Visual
			Common raven	<i>Corvus corax</i>	Visual
			Mountain chickadee	<i>Poecile gambeli</i>	Audio
			Hermit thrush	<i>Catharus guttatus</i>	Audio
			Warbler spp.	-	Visual
			Yellow warbler	<i>Dendroica petechia</i>	Audio
			Striped skunk	<i>Mephitis mephitis</i>	Track
			Coyote	<i>Canis latrans</i>	Track
			Chipmunk spp.	<i>Eutamias spp.</i>	Visual
			Squirrel spp.	<i>Sciurus spp.</i>	Track
			Mule deer	<i>Odocoileus hemionus</i>	Track
Cabin, Shaver Lake Dam Tenders	SMC, OGRD, DEV	5400	Townsend's solitaire	<i>Myadestes townsendi</i>	Visual
			Yellow warbler	<i>Dendroica petechia</i>	Visual
			Dark-eyed junco	<i>Junco hyemalis</i>	Visual
			Ground squirrel	<i>Citellus spp.</i>	Visual
Access Road to Eagle Point Boat Only Day Use Area (off of 9S58) and Eagle Point Boat Only Day Use Area	SMC	5400	Western fence lizard	<i>Sceloporus occidentalis</i>	Visual
			Osprey	<i>Pandion haliaetus</i>	Visual
			Downy woodpecker	<i>Picoides pubescens</i>	Visual
			Mountain chickadee	<i>Poecile gambeli</i>	Audio
			American robin	<i>Turdus migratorius</i>	Visual
			Yellow warbler	<i>Dendroica petechia</i>	Visual
			Sparrow spp.	-	Visual
			Dark-eyed junco	<i>Junco hyemalis</i>	Visual
			Coyote	<i>Canis latrans</i>	Track
			Chipmunk spp.	<i>Eutamias spp.</i>	Visual
Mule deer	<i>Odocoileus hemionus</i>	Track			

**Table TERR 5-1. Common and Special-status Wildlife Species Detected during Reconnaissance-level Wildlife Surveys in 2004 (continued).**

Facility	Habitat	Approximate Elevation (feet)	Species Detected		Detection Method
			Common Name	Scientific Name	
Tunnel Muck Site, Grouse Creek (Not in use); 8S302 from Hwy 168 to Huntington-Pitman-Shaver tunnel adit (Camp 72); 8S12 and 8S12A access road to Huntington-Shaver Siphon from Hwy 168; 8S305 from Hwy 168 to 8S12 to 8S12A access road to Huntington-Shaver Siphon	JFFR, OGRD	6700	Mountain quail	<i>Oreortyx pictus</i>	Visual
			Stellar's jay	<i>Cyanocitta stelleri</i>	Visual
			Mountain chickadee	<i>Poecile gambeli</i>	Audio
			Yellow warbler	<i>Dendroica petechia</i>	Audio
			Ground squirrel	<i>Citellus</i> spp.	Visual
Gold Arrow Camp (Boy Scouts)	JFFR	7000	Stellar's jay	<i>Cyanocitta stelleri</i>	Visual
			Mountain chickadee	<i>Poecile gambeli</i>	Audio
			Dark-eyed junco	<i>Junco hyemalis</i>	Visual
Trail to Bolsillo Creek Gage above Intake	JFFR	7500	White-headed woodpecker	<i>Picoides albolarvatus</i>	Visual
			Stellar's jay	<i>Cyanocitta stelleri</i>	Feather
			Chipmunk spp.	<i>Eutamias</i> spp.	Visual
Sediment Lay-Down Area, Hooper	JFFR	7500	Stellar's jay	<i>Cyanocitta stelleri</i>	Visual
			Mountain chickadee	<i>Poecile gambeli</i>	Audio
			Western tanager	<i>Piranga ludoviciana</i>	Visual
			Mule deer	<i>Odocoileus hemionus</i>	Track
27E26, access road to SF San Joaquin River gaging station NW of Hooper Diversion	JFFR	7500	Western wood peewee	<i>Contopus sordidulus</i>	Audio
			Stellar's jay	<i>Cyanocitta stelleri</i>	Visual
			Swallow spp.	<i>Tachycineta</i> spp.	Visual
			Mountain chickadee	<i>Poecile gambeli</i>	Audio
			Golden-crowned kinglet	<i>Regulus satrapa</i>	Visual
Project Power Lines Less Than 33kV, Cascada 12 kV (Shared)	SMC	5000	Stellar's jay	<i>Cyanocitta stelleri</i>	Visual
Adit 1, Tunnel 8	SMC	3000	Western fence lizard	<i>Sceloporus occidentalis</i>	Visual
			Woodpecker spp.	<i>Picoides</i> spp.	Feather
			Stellar's jay	<i>Cyanocitta stelleri</i>	Visual

**Table TERR 5-1. Common and Special-status Wildlife Species Detected during Reconnaissance-level Wildlife Surveys in 2004 (continued).**

Facility	Habitat	Approximate Elevation (feet)	Species Detected		Detection Method
			Common Name	Scientific Name	
Project Power Lines Less Than 33 kV, Stevenson 12 kV (Shared); Tunnel Muck Site, Mammoth Pool PH; Parking Area near Mammoth Powerhouse Gate; Access road from 8S03 to Mammoth Pool penstock; and Angler Access Stairway at Mammoth Powerhouse	DPCH	2500	Northern flicker	<i>Colaptes auratus</i>	Visual
			Olive-sided flycatcher	<i>Contopus cooperi</i>	Audio
			American robin	<i>Turdus migratorius</i>	Visual
			Warbler spp.	-	Visual
			Yellow-rumped warbler	<i>Dendroica coronata</i>	Visual

**Habitat Codes:**

- SMC – Sierran Mixed Coniferous
- OGRD – Open Ground/Ruderal
- JFFR – Jeffrey Pine/Fir
- DPCH – Gray Pine/Chaparral Woodland
- DEV – Developed

## **APPENDIX A**

### **2004 California Native Species Field Survey Forms and Maps**

## **Placeholder for Appendix A**

### **Non-Internet Public Information**

Appendix A has been removed in accordance with the Commission regulations at 18 CFR Section 388.112.

The Maps contained in Appendix A are considered Non-Internet Public information and should not be posted on the Internet. This information is provided in Volume 4 of the Application for New License and is identified as “Non-Internet Public” information. This information may be accessed from the FERC’s Public Reference Room, but is not expected to be posted on the Commission’s electronic library, except as an indexed item.