

Table S1 Vertebrate species reported in similar forest types within 5 km of the Yosemite Forest Dynamics Plot between 1980 and 2011. Data compiled from [S1.1-S1.5].

Scientific name	Common name	Data source
MAMMAL SPECIES		
<u>Rodent species</u>		
<i>Glacomys sabrinus</i>	northern flying squirrel	LiveTrap
<i>Microtus longicaudus</i>	long-tailed vole	LiveTrap
<i>Neotamias quadrimaculatus</i>	long-eared chipmunk	LiveTrap
<i>Neotamias senex</i>	shadow chipmunk	LiveTrap
<i>Neotoma</i> spp	woodrat (probably bushy-tailed)	OwlPellet
<i>Peromyscus boleyii</i>	brush mouse	LiveTrap
<i>Peromyscus maniculatus</i>	deer mouse	LiveTrap
<i>Peromyscus truei</i>	pinon mouse	LiveTrap
<i>Scapanus latimanus</i>	broad-footed mole	OwlPellet
<i>Sciurus griseus</i>	western grey squirrel	LiveTrap
<i>Sorex unknown species</i>	unknown shrew	LiveTrap
<i>Spermophilus lateralis</i>	golden-manteled ground squirrel	LiveTrap
<i>Spermophilus beecheyi</i>	California ground squirrel	LiveTrap
<i>Tamiasciurus douglasii</i>	Douglas squirrel	LiveTrap
<i>Thomomys monticola</i>	mountain pocket gopher	LiveTrap
<i>Zapus princeps</i>	western jumping mouse	LiveTrap
<u>Bat species</u>		
<i>Antrozous pallidus</i>	pallid bat	OwlPellet
<i>Eptesicus fuscus</i>	big brown bat	Pierson et al. 2006
<i>Euderma maculatum</i>	spotted bat	Pierson et al. 2006
<i>Eumops perotis</i>	western mastiff bat	Pierson et al. 2006
<i>Lasionycteris noctivagans</i>	silver-haired bat	Pierson et al. 2006
<i>Lasiurus cinereus</i>	hoary bat	Pierson et al. 2006
<i>Myotis californicus</i>	California myotis	Pierson et al. 2006
<i>Myotis evotis</i>	long-eared myotis	Pierson et al. 2006
<i>Myotis thysanodes</i>	fringed myotis	Pierson et al. 2006
<i>Myotis volans</i>	long-legged myotis	Pierson et al. 2006
<i>Myotis yumanesis</i>	Yuma myotis	Pierson et al. 2006
<i>Tadarida brasiliensis</i>	Mexican free-tailed bat	Pierson et al. 2006
<u>Carnivore species</u>		
<i>Urocyon cinereoargenteus</i>	western grey fox	Observation
<i>Felis concolor</i>	mountain lion	Observation
<i>Canis latrans</i>	coyote	Observation
<i>Ursus americanus</i>	black bear	Observation
<i>Mephitis mephitis</i>	striped skunk	Theoretically present [†]

<i>Lynx rufus</i>	bobcat	Theoretically present [†]
<i>Procyon lotor</i>	raccoon	Theoretically present [†]
<u>Hooved mammal species</u>		
<i>Odocoileus hemionus</i>	mule deer	Observation
AVIAN SPECIES		
<u>Raptor species</u>		
<i>Accipiter gentilis</i>	northern goshawk	Observation
<i>Accipiter striatus</i>	sharp-shinned hawk	Theoretically present [†]
<i>Aegolius acadicus</i>	northern saw-whet owl	Observation
<i>Otus flammeolus</i>	flammulated owl	Observation
<i>Otus kennicottii</i>	western screech owl	Observation
<i>Glaucidium gnoma</i>	northern pygmy-owl	Observation
<i>Strix occidentalis occidentalis</i>	California spotted owl	Observation
<u>Passerine species</u>		
<i>Patagioenas fasciata</i>	band-tailed pigeon	
<i>Piranga ludoviciana</i>	western tanager	Observation
<i>Turdus migratorius</i>	American robin	Observation
<i>Catharus guttatus</i>	hermit thrush	Theoretically present [†]
<i>Dryocopus pileatus</i>	Pileated woodpecker	Observation
<i>Contopus sordidulus</i>	western wood-pewee	Observation
<i>Contopus cooperi</i>	olive-sided flycatcher	Theoretically present [†]
<i>Empidonax hammondi</i>	Hammond's flycatcher	Observation
<i>Empidonax oberholseri</i>	dusky flycatcher	Theoretically present [†]
<i>Corvus corax</i>	common raven	Observation
<i>Cyanocitta stelleri</i>	Stellar's jay	Observation
<i>Colaptes auratus</i>	northern flicker	Observation
<i>Sphyrapicus thyroideus</i>	Williamson's sapsucker	Theoretically present [†]
<i>Sphyrapicus nuchalis</i>	red-naped sapsucker	Theoretically present [†]
<i>Sphyrapicus ruber</i>	red-breasted sapsucker	Theoretically present [†]
<i>Picoides villosus</i>	hairy woodpecker	Theoretically present [†]
<i>Picoides albolarvatus</i>	white-headed woodpecker	Theoretically present [†]
<i>Vireo cassinii</i>	Cassin's vireo	Theoretically present [†]
<i>Vireo gilvus</i>	warbling vireo	Theoretically present [†]
<i>Chaetura vauxi</i>	Vaux's swift	Theoretically present [†]
<i>Calypte anna</i>	Anna's hummingbird	Theoretically present [†]
<i>Poecile gambeli</i>	mountain chickadee	Observation
<i>Sitta canadensis</i>	red-breasted nuthatch	Observation
<i>Sitta pygmaea</i>	pygmy nuthatch	Theoretically present [†]
<i>Certhia americana</i>	brown creeper	Observation
<i>Troglodytes hiemalis</i>	winter wren	Observation

<i>Regulus satrapa</i>	golden-crowned kinglet	Theoretically present [†]
<i>Dendroica coronata</i>	yellow-rumped warbler	Theoretically present [†]
<i>Junco hyemalis</i>	dark-eyed junco	Observation
<i>Oreothlypis celata</i>	orange-crowned warbler	Theoretically present [†]
<i>Bombycilla cedrorum</i>	cedar waxwing	Theoretically present [†]
<i>Oreothlypis ruficapilla</i>	Nashville warbler	Theoretically present [†]
<i>Dendroica nigrescens</i>	black-throated gray warbler	Theoretically present [†]
<i>Dendroica townsendi</i>	Townsend's warbler	Observation
<i>Dendroica occidentalis</i>	hermit warbler	Theoretically present [†]
<i>Loxia curvirostra</i>	red crossbill	Theoretically present [†]
<i>Spinus pinus</i>	pine siskin	Theoretically present [†]
<i>Coccothraustes vespertinus</i>	evening grosbeak	Theoretically present [†]
AMPHIBIAN SPECIES		
<i>Batrachoseps</i> spp	slender salamander	Theoretically present [†]
<i>Bufo boreas halophilus</i>	western toad	Observation
<i>Ensatina eschscholtzii platensis</i>	Sierra Nevada ensatina	Observation
<i>Pseudacris regilla</i>	Pacific tree frog	Observation
<i>Taricha torosa sierrae</i>	Sierra newt	Theoretically present [†]
REPTILE SPECIES		
<i>Charina bottae</i>	northern rubber boa	Theoretically present [†]
<i>Contia tenuis</i>	sharp-tailed snake	Theoretically present [†]
<i>Diadophis punctatus pulchellus</i>	coral-bellied ring-necked snake	Theoretically present [†]
<i>Elgaria coerulea palmeri</i>	Sierra alligator lizard	Theoretically present [†]
<i>Eumeces gilberti gilberti</i>	Gilbert's skink	Theoretically present [†]
<i>Sceloporus occidentalis taylori</i>	Sierra fence lizard	Theoretically present [†]
<i>Thamnophis couchii</i>	Sierra garter snake	Theoretically present [†]

[†]Theoretically present based on <http://www.nps.gov/yose/naturescience/wildlifespecies.htm> as accessed on 26 August 2011

References

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