

Table x. List of small mammal species examined in this study. Detection methods were standardized trapping (St), specialized trapping (Sp), or observation (Obs). Species included in the analysis of range shifts were both species with (Y) and without (N) sufficient data for occupancy analysis. Species were detected on the east (E) and/or west (W) slopes within each region. Detections within each region are listed as detected (0) or not detected (1) in the historical (H) or the modern (M) eras. Asterisks (*) denote new species records detected during our surveys. Of the 60 species we examined, 52 were detected using standardized trapping, 28 were included in the occupancy analyses and an additional 6 species were included in the analysis of range shifts.

species	detection method	occupancy analysis	Lassen			Yosemite			Sequoia		
			slope	H	M	slope	H	M	slope	H	M
<i>Ammospermophilus leucurus</i>	St	-	E	0	1				E + W	1	1
<i>Aplodontia rufa</i>	Sp	-	W	0	1	E + W	1	1		---	
<i>Callospermophilus lateralis</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Chaetodipus californicus</i>	St	Y		---		E + W	1	1	E + W	1	1
<i>Clethrionomys californicus</i>	St	-	W	1	1		---			---	
<i>Dipodomys agilis</i>	St	Y		---			---		E + W	1	1
<i>Dipodomys californicus</i>	St	-	E + W	1	1		---			---	
<i>Dipodomys heermanni</i>	St	Y		---		E + W	1	1	E + W	1	0
<i>Dipodomys merriami</i>	St	-		---			---		E + W	1	1
<i>Dipodomys ordii</i>	St	-	E	1	1		---			---	
<i>Dipodomys panamintinus</i>	St	-		---		E	1	1	E + W	1	1
<i>Glaucomys sabrinus</i>	St	-	W	1	1	W	1	1		---	
<i>Lemmys curtatus</i>	St	-	E	1	1	E	1	1		---	
<i>Marmota flaviventris</i>	Obs	N	E + W	1	1	E + W	1	1	W	1	1
<i>Microdipodops megacephalus</i>	St	-	E	1	1	E	1	0		---	
<i>Microtus californicus</i>	St	Y	W	1	1	E + W	1	1	E + W	1	1
<i>Microtus longicaudus</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Microtus montanus</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Neotoma bryanti</i>	St	-		---			---		E + W	1	1
<i>Neotoma cinerea</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Neotoma fuscipes</i>	St	Y	E + W	1	1		---			---	
<i>Neotoma lepida</i>	St	-	E	1	1		---		E + W	1	1
<i>Neotoma macrotis</i>	St	Y		---		E + W	1	1	E + W	1	1
<i>Ochotona princeps</i>	Obs	N	E + W	1	1	W	1	1	W	1	1
<i>Onychomys leucogaster</i>	St	-	E	1	1	E	1	1		---	
<i>Onychomys torridus</i>	St	-		---			---		E + W	1	1
<i>Otospermophilus beecheyi</i>	St	Y	E + W	1	1	E* + W	1	1	E + W	1	1
<i>Perognathus inornatus</i>	St	-		---		W	1	1	W	1	1
<i>Perognathus longimembris</i>	St	-		---			---		E + W	1	1
<i>Perognathus parvus</i>	St	-	E + W	1	1	E + W	1	1	E	1	0
<i>Peromyscus boylii</i>	St	Y	E + W	1	1	E* + W	1	1	E + W	1	1
<i>Peromyscus californicus</i>	St	-		---		W	1	1	W	1	1
<i>Peromyscus crinitus</i>	St	-	E	1	1		---		E + W	1	1
<i>Peromyscus maniculatus</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Peromyscus truei</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Phenacomys intermedius</i>	St	-		---		W	1	1	W	1	1
<i>Reithrodontomys megalotis</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Sciurus griseus</i>	Obs	N	W	1	1	W	1	1	W	1	1
<i>Sorex merriami</i>	St	-	E	1	0		---			---	
<i>Sorex monticolus</i>	St	Y		---		E + W	1	1	E + W	1	1
<i>Sorex ornatus</i>	St	Y		---		E + W	1	1	E + W	1	1
<i>Sorex palustris</i>	St	Y	W	1	1	E + W	1	1	E + W	1	1
<i>Sorex tenellus</i>	St	-		---		W*	0	1	W	0	1
<i>Sorex trowbridgii</i>	St	Y	E + W	1	1	W	1	1	W*	0	1
<i>Sorex vagrans</i>	St	Y	E + W	1	1		---			---	
<i>Tamias alpinus</i>	St	Y		---		E + W	1	1	E + W	1	1
<i>Tamias amoenus</i>	St	Y	E + W	1	1	E + W	1	1		---	
<i>Tamias merriami</i>	St	Y		---		E + W	1	1	E + W	1	1
<i>Tamias minimus</i>	St	-	E + W	1	1	E + W	1	1	W	1	1
<i>Tamias panamintinus</i>	St	-		---			---		E + W	1	1
<i>Tamias quadrimaculatus</i>	St	Y		---		E + W	1	1		---	
<i>Tamias senex</i>	St	Y	E + W	1	1	E + W	1	1		---	
<i>Tamias speciosus</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Tamias umbrinus</i>	St	-		---			---		E + W	1	0
<i>Tamiasciurus douglasii</i>	Obs	N	E + W	1	1	W	1	1	W	1	1
<i>Thomomys bottae</i>	Sp	N	W	1	1	W	1	1	W	1	1
<i>Thomomys monticola</i>	Sp	N	W	1	1	W	1	1		---	
<i>Thomomys talpoides</i>	Sp	-	E	1	0	E + W	1	1		---	
<i>Urocitellus beldingi</i>	St	Y	E + W	1	1	E + W	1	1	E + W	1	1
<i>Zapus princeps</i>	St	Y	W	1	1	E + W	1	1	E + W	1	1
Total	60	52	34	38	38	43	43		42	41	