

**Appendix D. Number of observations of mammal species by University of Arizona and Saguaro National Park Inventory personnel by survey type, Saguaro National Park, Rincon Mountain District, 2001 and 2002 (small mammals, bats, and observations of all taxa) and 1999-2005 (infrared-triggered photography).** Numbers of observations are not scaled by search effort and should not be used for comparison among species or survey types. See Appendices E and F for additional information on voucher specimens and photographs. Legacy data from: Sumner (1951; SU), Duncan (1990; DU), Davis and Sidner (1992; D&S), Sidner and Davis (1994; S&D), Bucci (2001; BU), Sidner (2003; SI) Swann (2003; SW). Survey type = small mammal trapping (SMT), bat netting (BN), infrared-triggered photography (ITP), and incidental observations (IO). **Species in bold-faced type are non-native.**

Order	Family	Scientific name	Common name	Survey type				Document- ation type		Survey or species lists						Conservation designation			
				SMT	BN	ITP	IO	Photo- graph	Spec- imen	SU	DU	D&S	S&D	BU	SI	SW	U.S. FWS <sup>a</sup>	BLM <sup>b</sup>	U.S. FS <sup>c</sup>
<b>Didelphimorphia</b>	Didelphidae	<i>Didelphis virginiana</i>	Virginia opossum			2		1											
<b>Insectivora</b>	Soricidae	<i>Notiosorex crawfordi</i>	Crawford's desert shrew								X	X							
		<i>Notiosorex cockrumi</i>	Cockrum's desert shrew						5										
<b>Chiroptera</b>	Phyllostomidae	<i>Choeronycteris mexicana</i>	Mexican long-tongued bat			1							X	X		SC	S		WSC
		<i>Leptonycteris curasoae yerbabuenae</i>	southern long-nosed bat			1			1				X			LE		S	WSC
	Vespertilionidae	<i>Myotis yumanensis</i>	Yuma myotis								X	X				SC			
		<i>Myotis auriculus</i>	southwestern myotis			4		2			X	X							
		<i>Myotis velifer</i>	cave myotis			4						X	X			SC	S		
		<i>Myotis thysanodes</i>	fringed myotis			2		2			X	X				SC	S		
		<i>Myotis volans</i>	long-legged myotis			3		1			X	X				SC	S		
		<i>Myotis californicus</i>	California myotis			8		3	3		X	X	X						
		<i>Myotis ciliolabrum</i>	western small-footed myotis								X	X				SC	S		
		<i>Lasionycteris noctivagans</i>	silver-haired bat			4		1			X	X							
		<i>Pipistrellus hesperus</i>	western pipistrelle									X	X						
		<i>Eptesicus fuscus</i>	big brown bat			55		1			X	X	X						
		<i>Lasiurus blossevillii</i>	western red bat			1		2											WSC
		<i>Lasiurus cinereus</i>	hoary bat			7		1			X	X	X						
		<i>Corynorhinus townsendii pallescens</i>	Townsend's big-eared bat			1					X	X				SC			
		<i>Antrozous pallidus</i>	pallid bat			1					X	X							
	Molossidae	<i>Tadarida brasiliensis</i>	Brazilian free-tailed bat			16		1			X	X	X						
		<i>Nyctinomops femorosaccus</i>	pocketed free-tailed bat			2		2	1				X			S			
<b>Carnivora</b>	Ursidae	<i>Ursus americanus</i>	American black bear			34	6	1			X								
	Procyonidae	<i>Procyon lotor</i>	northern raccoon			7		1		X	X								
		<i>Nasua narica</i>	white-nosed coati			30	2	2			X			X					
		<i>Bassariscus astutus</i>	ringtail			229		1	1	X	X			X					
	Mustelidae	<i>Taxidea taxus</i>	American badger																
	Mephitidae	<i>Spilogale gracilis</i>	western spotted skunk			6		1											

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Mephitidae		<i>Mephitis mephitis</i>	striped skunk			165	7	1				X			X					
		<i>Mephitis macroura</i>	hooded skunk			185	1	1							X					
		<i>Conepatus mesoleucus</i>	white-backed hog-nosed skunk			27	1	1							X					
Canidae		<b><i>Canis familiaris</i></b>	<b>feral dog</b>			4		1												
		<i>Canis latrans</i>	coyote			120	4	1		X	X	X			X					
		<i>Urocyon cinereoargenteus</i>	common gray fox			1029	11		1	X		X			X					
Felidae		<b><i>Felis catus</i></b>	<b>feral cat</b>					1												
		<i>Puma concolor azteca</i>	mountian lion			75	9	1	1			X			X					
		<i>Lynx rufus</i>	bobcat			57	3	2		X	X	X			X					
Rodentia	Sciuridae	<i>Spermophilus variegatus</i>	rock squirrel	1		15	9	1			X	X			X					
		<i>Spermophilus tereticaudus</i>	round-tailed ground squirrel			1		1			X									
		<i>Ammospermophilus harrisi</i>	Harris' antelope squirrel			7	4	1			X				X					
		<i>Neotamias dorsalis</i>	cliff chipmunk	39			16			X		X			X					
		<i>Sciurus aberti</i>	Abert's squirrel	1		9	7	1				X								
		<i>Sciurus arizonensis</i>	Arizona gray squirrel			3	1	1				X					SC			
		<i>Sciurus harrisi</i>	Harrisi's squirrel																	
	Geomyidae	<i>Thomomys bottae</i>	Botta's pocket gopher				1		1		X	X			X					
	Heteromyidae	<i>Perognathus amplus</i>	Arizona pocket mouse								X			X						
		<i>Chaetodipus penicillatus</i>	Sonoran Desert pocket mouse	42					3		X			X	X					
		<i>Chaetodipus intermedius</i>	rock pocket mouse	115					1		X			X	X	SC				
		<i>Chaetodipus baileyi</i>	Bailey's pocket mouse	13							X	X		X	X					
		<i>Dipodomys merriami</i>	Merriam's kangaroo rat	9							X			X						
		<i>Dipodomys deserti</i>	desert kangaroo rat																	
Muridae	<i>Reithrodontomys megalotis</i>	western harvest mouse	4					1			X				SC					
	<i>Reithrodontomys fulvescens</i>	fulvous harvest mouse	4					2												
	<i>Peromyscus eremicus</i>	cactus mouse	35					4		X	X		X	X	SC		S			
	<i>Peromyscus boylii</i>	brush mouse	165				1	6			X			X						
	<i>Onychomys torridus</i>	southern grasshopper mouse <sup>e</sup>																		
	<i>Neotoma albigula</i>	western white-throated woodrat	75		14			2		X	X		X	X						
	<i>Neotoma mexicana</i>	Mexican woodrat	25								X				SC					
	<i>Sigmodon ochrognathus</i>	yellow-nosed cotton rat	12									X			X	SC				
	<i>Sigmodon arizonae</i>	Arizona cotton rat	4					1		X	X									
Lagomorpha	Leporidae	<i>Lepus alleni</i>	antelope jackrabbit			7	2	1		X	X									
		<i>Lepus californicus</i>	black-tailed jackrabbit			10	1	1		X	X				X					
		<i>Sylvilagus floridanus</i>	eastern cottontail				2			X										
		<i>Sylvilagus audubonii</i>	desert cottontail			21		1		X	X				X					
		<i>Sylvilagus texianus</i>	Texian cottontail																	

Vertebrate Inventory derived from Vascular Plant and Vertebrate Inventory of Saguaro National Park, Rincon Mountain District, Open-File Report 2006-1075, November 2006; Edited by Brian F. Powell, William L. Halverson, and Cecilia A. Schmidt; U.S. Department of Interior, U.S. Geological Survey, National Park Service

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<b>Artiodactyla</b>																				
	Bovidae	<i>Bos taurus</i>	domestic cattle			3	1	1		X										
	Tayassuidae	<i>Pecari tajacu</i>	collared peccary			980	17	1	3	X	X	X								
	Cervidae	<i>Odocoileus hemionus</i>	mule deer			37	3	1		X	X	X								
		<i>Odocoileus virginianus</i>	white-tailed deer			202	40	1		X		X								

<sup>a</sup> LE = "Listed Endangered", SC = "Species of Concern"; U.S. Fish and Wildlife Service (HDMS 2004); \* Eastern cottontail not confirmed; see text.

<sup>b</sup> "Sensitive species"; Bureau of Land Management (HDMS 2004).

<sup>c</sup> "Sensitive species"; U.S.D.A. Forest Service (HDMS 2004).

<sup>d</sup> "Wildlife of Special Concern"; Arizona Game and Fish Department (HDMS 2004).

<sup>e</sup> Confirmed by roadkilled animal. See text for more information.

<sup>f</sup> Observed in the mid 1990's, but not since. May be extirpated. See text for more information.