

Appendix B. List of amphibian and reptile species observed or documented at Saguaro National Park, Rincon Mountain District by UA inventory personnel (total number of observations; 2001-2002) or by other survey efforts or lists. Lowe and Holm (1991; L&H), Murray (1996; MU), Goode et al. (1998; GO), Bonine and Schwalbe (2003; B&S). Total number of observations for UA effort should not be used as a measure of relative abundance because these data have not been scaled by survey effort or area. **Species in bold-faced type is non-native.**

Order	Family	Scientific name	Common name	UA Survey type				Voucher Specimen (S), Photo (P)	Species list or study				Conservation designation <sup>a</sup>				
				Intensive	Extensive	Road	Incidental		L&H	MU	Go	B&S	ESA	BLM	USF	AZ	
<b>Caudata</b>																	
	Ambystomatidae	<i>Ambystoma tigrinum</i>	tiger salamander <sup>b</sup>														
<b>Anura</b>																	
	Pelobatidae	<i>Scaphiopus couchii</i>	Couch's spadefoot		25	45	2	P, S	X	X							
		<i>Spea multiplicata</i>	Mexican spadefoot				1		X								
	Bufo	<i>Bufo alvarius</i>	Sonoran Desert toad	11	82	194	17	P, S	X	X	X	X					
		<i>Bufo punctatus</i>	red-spotted toad		41	275	71	P, S	X	X	X	X					
		<i>Bufo cognatus</i>	Great Plains toad			1			X	X	X						
	Hylidae	<i>Hyla arenicolor</i>	canyon treefrog	2	168		80	P, S	X		X	X					
	Ranidae	<i>Rana yavapaiensis</i>	lowland leopard frog		100		37	P, S	X		X	X	X		X		X
		<i>Rana catesbeiana</i>	<b>American bullfrog</b>					P, S	X								
<b>Testudines</b>																	
	Kinosternidae	<i>Kinosternon sonoriense</i>	Sonoran mud turtle		26		31	P, S	X	X	X	X					
	Emydidae	<i>Terrapene ornata</i>	western box turtle					P <sup>c</sup>	X								
		<i>Gopherus agassizii sonoran</i>	desert tortoise	1	14		13	P, S	X	X	X	X	X				X
<b>Squamata</b>																	
	Gekkonidae	<i>Coleonyx variegatus</i>	western banded gecko	1	11	29	4	P, S	X	X	X						
		<i>Hemidactylus turcicus</i>	<b>Mediterranean house gecko</b>					P <sup>c</sup> , S <sup>d</sup>									
	Crotaphytidae	<i>Crotaphytus collaris</i>	eastern collared lizard	2	4		23	P, S	X	X	X						
		<i>Gambelia wislizenii</i>	long-nosed leopard lizard							X	X						
								P, S									
	Phrynosomatidae	<i>Holbrookia maculata</i>	lesser earless lizard		3		5		X								
		<i>Cophosaurus texanus</i>	greater earless lizard	5	35	3	75	P, S	X	X	X	X					
		<i>Callisaurus draconoides</i>	zebra-tailed lizard		61		47	P, S	X	X	X						
		<i>Sceloporus magister</i>	desert spiny lizard		22	89	15	P, S	X	X	X						
		<i>Sceloporus clarkii</i>	Clark's spiny lizard	91	164		70	P, S	X	X	X	X					

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

Saguaro National Park, Rincon Mountain District – Amphibian and Reptile Inventory

Order	Family	Scientific name	Common name	UA Survey type				Voucher Specimen (S), Photo (P)	Species list or study				Conservation designation <sup>a</sup>				
				Intensive	Extensive	Road	Incidental		L&H	MU	Go	B&S	ESA	BLM	USFS	AZ	
		<i>Sceloporus undulatus</i>	eastern fence lizard	39	113		79	P, S	X								
		<i>Uta stansburiana</i>	common side-blotched lizard	5	102	1	23	P, S	X	X	X						
		<i>Urosaurus ornatus</i>	ornate tree lizard	166	441	2	141	P, S	X	X	X	X					
		<i>Phrynosoma hernandesi</i>	greater short-horned lizard		10		1	P, S		X							
Phrynosomatidae		<i>Phrynosoma solare</i>	regal horned lizard		3	8	11	P, S	X	X	X	X					
Scincidae		<i>Eumeces obsoletus</i>	Great Plains skink		1			P	X								
Teiidae		<i>Cnemidophorus burti</i>	canyon spotted whiptail				7	P, S	X			X	X	X			
<b>Squamata</b>																	
Teiidae		<i>Cnemidophorus sonorae</i>	Sonoran spotted whiptail	28	122		124	P, S	X	X	X	X					
		<i>Cnemidophorus flagellicaudus</i>	Gila spotted whiptail	13	19		33	P, S		X	X						
		<i>Cnemidophorus tigris</i>	western whiptail (tiger whiptail)	8	32	2	45	P	X	X	X						
Anguidae		<i>Elgaria kingii</i>	Madrean alligator lizard	2	4			P, S	X			X					
Helodermatidae		<i>Heloderma suspectum</i>	Gila monster		12	6	25	P, S	X	X		X					
								P <sup>e</sup> , S <sup>d</sup>									
Leptotyphlopidae		<i>Leptotyphlops humilis</i>	western blind snake						X								
Colubridae		<i>Diadophis punctatus</i>	ring-necked snake				1	P	X								
		<i>Phyllorhynchus browni</i>	saddled leaf-nosed snake					S		X							
		<i>Masticophis flagellum</i>	coachwhip	1	3	2	10	P, S	X	X	X						
		<i>Masticophis bilineatus</i>	Sonoran whipsnake	5	6		10	P, S	X	X	X	X					
		<i>Salvadora hexalepis</i>	western patch-nosed snake	1	1	1	1	P, S	X	X							
		<i>Salvadora grahamiae</i>	mountain patch-nosed snake			1	1	P, S		X							
		<i>Pituophis catenifer</i>	gopher snake		3		3	P, S	X	X							
		<i>Arizona elegans</i>	glossy snake						X								
		<i>Lampropeltis getula</i>	common kingsnake		1		1	P, S	X	X		X					
		<i>Lampropeltis pyromelana</i>	Sonoran mountain kingsnake		2		1	P		X							
		<i>Rhinocheilus lecontei</i>	long-nosed snake		3	6	2	P	X								
		<i>Thamnophis cyrtopsis</i>	black-necked garter snake	5	65		38	P	X	X	X	X					
		<i>Sonora semiannulata</i>	western ground snake				2	P, S	X								
		<i>Chilomeniscus cinctus</i>	variable sandsnake					P <sup>e</sup> , S	X			X					
		<i>Tantilla hobartsmithi</i>	southwestern black-headed					S		X	X						

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				Intensive	Extensive	Road	Incidental		L&H	MU	Go	B&S	ESA	BLM	USFS	AZ	
			snake														
		<i>Trimorphodon biscutatus</i>	western lyre snake					S <sup>d</sup>	X	X							
		<i>Hypsiglena torquata</i>	night snake			6	1	P, S	X	X							
	Elapidae	<i>Micruroides euryxanthus</i>	Sonoran coral snake		1		1	P, S	X								
	Viperidae	<i>Crotalus atrox</i>	western diamond-backed rattlesnake	1	48	6	17	P	X	X	X	X					
		<i>Crotalus molossus</i>	black-tailed rattlesnake	1	13	1	12	P, S	X	X		X					
		<i>Crotalus tigris</i>	tiger rattlesnake	1	15	8	10	P, S	X	X	X						
		<i>Crotalus viridis</i>	western rattlesnake	2	11		16	P, S	X								
		<i>Crotalus scutulatus</i>	Mojave rattlesnake				1	S		X							

<sup>a</sup> ESA = Species of Concern, Endangered Species Act, U.S. Fish and Wildlife Service (in HDMS 2004); BLM = Bureau of Land Management, "sensitive" species; USFS = U. S. Forest Service, sensitive species; AZ = Arizona Game and Fish, "Wildlife of Special Concern". Data from HDMS (2004).

<sup>b</sup> Observed by Danielle Foster near Rincon Creek in 2001.

<sup>c</sup> Don Swann has a photograph from the park in his collection.

<sup>d</sup> Voucher specimen collected by Don Swann and not yet accessioned into the UA herpetology collection (D. Swann, *pers. comm.*).

<sup>e</sup> Photograph by Matt Goode (1997) along the Loop Drive (photograph now accessioned in the I&M office in Tucson).