

Appendix 1. Invertebrate fauna collected at Santo Antônio Cave before the cave get partially submerged (Oct/02) and then in a 2-year monitoring sampling. NI: Not Identified. In each column is represented the number of species found at that sampling event.

TAXON		Oct/02	Feb/03	May/03	Aug/03	nov/03	Feb/04	May/04	Aug/04	nov/04	
Arachnida	Acari	NI	3	1	3	3	0	1	2	1	1
	Aranae	NI	11	3	10	9	5	5	7	8	5
		Deinopidae	1					1			
		Lycosidae				1					
		Ctenidae	1	1	2	2	2	3	2		2
		Pholcidae	1	1	2	2	4	2	2	3	1
		Scytodidae	1	1			1	1	1		1
		Tetragnathidae			1	1					
		Pisauridae			1						
		Salticidae	2			1		1		1	2
		Theridiosomatidae		1				1			
		Theridiidae	3	1	3	1	3	2	1	3	2
		Trechaleidae						1			1
		Uloboridae	2		1						
		Oonopidae					1				
		Opiliones	NI	2							
	Gonyleptidae			1				1			1
	Pseudoscorpiones	NI			2	1	2			1	
		Chernetidae	1				1	1	1	1	1
	Scorpiones	NI	1								
Palpigradi	Eukoeneriidae	1	1								
Crustacea	Isopoda	NI	1				1		1	1	

		Dubioniscidae			1	1					
		Plathyarthridae						1			
		Phylosciidae							1		
Myriapoda	Diplopoda	Polydesmida									1
		Spirostreptida	1								
	Symphyla	Symphyla	1								
	Chilopoda	Lithobiomorpha	1								
Insecta	Coleoptera	NI	2		1	2	2			1	1
		Carabidae sp1	4								
		Chrysomellidae	1								
		Curculionidae	1								
		Histeridae	1		1	1	1	1	1	1	1
		Pselaphidae	1								
		Scarabaeidae		1							
		Staphylinidae	3								
		Tenebrionidae	1	1							
	Collembola	NI	1	1	1	1				1	
	Blattodea	NI	1								1
	Diptera	NI	1			1				1	1
		Cecydomyiidae				1	1				
		Chironomidae			1		1		1	4	1
		Culicidae	5	1	1	3			1	1	
		Ceratopoganidae							1		
		Dolichopodidae	1						1	1	1
Drosophylidae		2		1				1			
Dixidae				1							

		Empididae						1			
		Lonchaeidae			2	1	1	1	1		
		Mycetophylidae	1	1						1	
		Muscidae			1					1	
		Phoridae	1								
		Sarcophagidae						1			
		Simulidae								1	
		Sciaridae		1						1	1
		Syrphidae						1			
		Tephrytidae									1
		Tipulidae	3								
	Ensifera	NI	3								
		Phalangopsidae	1		1	1	1	1			1
	Heteroptera	NI	3	1	1			3			
		Reduviidae	2	1	1		1				
		Gerridae		1	1	1	1		1	1	1
		Veliidae			1	1	1		1	1	1
		Psyllipsocidae		1							
		Ploiariidae	2	1	1	1	1	1	1	1	1
		Belostomatidae						1			
		Cixiidae	1						1		
	Hymenoptera	NI	2							1	1
		Formicidae	4	1	2	3	1	2	2	2	1
	Lepidoptera	NI			1						
		Noctuidae		2	1	1	1	2	1	1	1
		Tineidae	3	1	2			2	2	3	2

	Neuroptera	Myrmeleontidae						1		1	1
	Psocoptera	NI	3	2	3	1	4	2	1	3	2
		Psyllipsocidae	1		1	1	1	3	1	1	2
	Odonata	NI		1							
	Zoraptera	NI			1						
	Turbellaria	NI	1								
Mammalia	Chiroptera	<i>Desmodus rotundus</i>	1	1	1		1	1	1		1
		<i>Crotopterus auritus</i>	1	1	1	1		1	1	1	1
		<i>Peropteryx</i> sp.			1	1	1	1		1	1