

Table S1. Bat skull elements and measurements from Bat Cave, Unit 1. Abbreviations: n/m=not measured, med.=medium-sized, L=left; R=right; crest=sagittal crest. Greatest length of skull (GLS), condylobasal length (CBL), distance from front of maxilla (excluding incisor) to M3 (I-M3), maxillary breadth at the M3s (M3M3), least interorbital breadth (IOB), maximum breadth of the braincase (BB), occipital depth (OD), and total dentary length (TL).

Level	Taxon	Skull element	TL	GLS	CBL	I-M3	M3s	IOB	BB	OD	Crest
1	med. <i>Myotis</i>	L dentary	10.5								
1	med. <i>Myotis</i>	R dentary	10.3								
2	med. <i>Myotis</i>	L dentary	10.2								
2	med. <i>Myotis</i>	L dentary	10								
2	med. <i>Myotis</i>	L maxilla				6.7					
2	med. <i>Myotis</i>	L maxilla				6.2					
2	med. <i>Myotis</i>	R dentary	10.3								
2	<i>Myotis leibii</i>	L dentary	9.8								
2	<i>Myotis</i> sp.	L dentary	n/m								
2	<i>Myotis</i> sp.	L dentary	n/m								
3	med. <i>Myotis</i>	L dentary	10.3								
3	med. <i>Myotis</i>	L dentary	10.1								
3	med. <i>Myotis</i>	L dentary	10.1								
3	med. <i>Myotis</i>	L maxilla				n/m					
3	med. <i>Myotis</i>	R dentary	10.5								
3	med. <i>Myotis</i>	R dentary	10.1								
3	med. <i>Myotis</i>	R dentary	10								
3	med. <i>Myotis</i>	rostrum				n/m		4			
4	<i>Eptesicus fuscus</i>	L dentary	n/m								
4	med. <i>Myotis</i>	L dentary	10.4								
4	med. <i>Myotis</i>	L dentary	10.4								
4	med. <i>Myotis</i>	L dentary	10.5								
4	med. <i>Myotis</i>	rostrum				6.6	6.4				
4	<i>Myotis leibii</i>	R dentary	9.3								
4	<i>Myotis</i> sp.	L dentary	n/m								
5	<i>Corynorhinus</i> sp.	Cranium		16.1	15.1	6.2	6.2	3.9	9	6.2	
5	med. <i>Myotis</i>	L dentary	10.2								
5	med. <i>Myotis</i>	L dentary	10.2								
5	med. <i>Myotis</i>	L dentary	10.3								
5	med. <i>Myotis</i>	L dentary	10.4								
5	med. <i>Myotis</i>	L dentary	10.1								
5	med. <i>Myotis</i>	L maxilla				6.7					
5	med. <i>Myotis</i>	partial rostrum			6.2						
5	med. <i>Myotis</i>	R dentary	10.4								
5	med. <i>Myotis</i>	R dentary	10.4								
5	<i>Myotis</i> cf. <i>lucifugus</i>	cranium		14.4	14.1	6.6	5.7	n/m	7.1	4.9	no
5	<i>Myotis</i> sp.	L dentary	n/m								
6	med. <i>Myotis</i>	L dentary	10								
6	med. <i>Myotis</i>	L dentary	10.1								
6	med. <i>Myotis</i>	L dentary	10.1								
6	med. <i>Myotis</i>	L dentary	10.1								
6	med. <i>Myotis</i>	L dentary	10.2								
6	med. <i>Myotis</i>	L dentary	10.3								
6	med. <i>Myotis</i>	L dentary	10.4								
6	med. <i>Myotis</i>	L dentary	10.5								
6	med. <i>Myotis</i>	L dentary	10.7								
6	med. <i>Myotis</i>	R dentary	10.1								
6	med. <i>Myotis</i>	R dentary	10.2								

Table S1. Continued.

Level	Taxon	Skull element	TL	GLS	CBL	I-M3	M3s	IOB	BB	OD	Crest
6	med. <i>Myotis</i>	R dentary	10.2								
6	med. <i>Myotis</i>	R dentary	10.2								
6	med. <i>Myotis</i>	R dentary	10.2								
6	med. <i>Myotis</i>	R dentary	10.4								
6	med. <i>Myotis</i>	R dentary	10.7								
6	<i>Myotis</i> cf. <i>sodalis</i>	cranium				6.7	5.8	4.1			yes
6	<i>Myotis lucifugus</i>	cranium		15.1		6.8	6	4.1			no, wide
6	<i>Myotis sodalis</i>	cranium		14.2		6.4	5.8	3.9			yes
6	<i>Myotis sodalis</i>	cranium		14		6.2	5.8	3.8	7		yes
6	<i>Myotis</i> sp.	maxilla				6.8	5.9	4.1			
7	med. <i>Myotis</i>	L dentary	10.1								
7	med. <i>Myotis</i>	L dentary	10.1								
7	med. <i>Myotis</i>	L dentary	10.2								
7	med. <i>Myotis</i>	L dentary	10.3								
7	med. <i>Myotis</i>	L dentary	10.4								
7	med. <i>Myotis</i>	R dentary	10.4								
7	med. <i>Myotis</i>	R dentary	10.5								
7	med. <i>Myotis</i>	R dentary	10.7								
7	med. <i>Myotis</i>	R maxilla				n/m					
7	<i>Myotis</i> cf. <i>sodalis</i>	partial cranium				n/m	n/m				yes
7	<i>Myotis</i> sp.	L dentary	n/m								
7	<i>Myotis</i> sp.	R dentary	n/m								
8	med. <i>Myotis</i>	L dentary	10.2								
8	med. <i>Myotis</i>	L dentary	10.2								
8	med. <i>Myotis</i>	L dentary	10.3								
8	med. <i>Myotis</i>	L dentary	10.4								
8	med. <i>Myotis</i>	L dentary	10								
8	<i>Myotis leibii</i>	R dentary	9								
8	<i>Myotis leibii</i>	R dentary	9.1								
8	<i>Myotis</i> sp.	R dentary	n/m								
9	<i>Eptesicus fuscus</i>	L dentary	n/m								
9	med. <i>Myotis</i>	L dentary	10.2								
9	med. <i>Myotis</i>	L dentary	10.3								
9	med. <i>Myotis</i>	L dentary	10								
9	med. <i>Myotis</i>	R dentary	10.1								
9	med. <i>Myotis</i>	R dentary	10.2								
9	med. <i>Myotis</i>	R dentary	10.3								
9	med. <i>Myotis</i>	R dentary	10								
10	<i>Eptesicus fuscus</i>	R up C1									
10	med. <i>Myotis</i>	L dentary	10.1								
10	med. <i>Myotis</i>	L dentary	10.2								
10	med. <i>Myotis</i>	L dentary	10.3								
10	med. <i>Myotis</i>	L dentary	10.3								
10	med. <i>Myotis</i>	L dentary	10.4								
10	med. <i>Myotis</i>	L maxilla				6.5					
10	med. <i>Myotis</i>	maxilla				6.6					
10	med. <i>Myotis</i>	maxilla				6.5	5.5				
10	med. <i>Myotis</i>	R dentary	10.1								
10	med. <i>Myotis</i>	R dentary	10.1								
10	med. <i>Myotis</i>	R dentary	10.3								

Table S1. Continued.

Level	Taxon	Skull element	TL	GLS	CBL	I-M3	M3s	IOB	BB	OD	Crest
10	med. <i>Myotis</i>	R dentary	10.6								
10	<i>Myotis leibii</i>	L dentary	9.8								
10	<i>Myotis leibii</i>	R dentary	9.9								
10	<i>Myotis</i> sp.	L dentary	n/m								
10	<i>Myotis</i> sp.	L dentary	n/m								
10	<i>Myotis</i> sp.	L dentary	n/m								
10	<i>Myotis</i> sp.	L dentary	n/m								
10	<i>Myotis</i> sp.	L dentary	n/m								
10	<i>Myotis</i> sp.	L dentary	n/m								
10	<i>Myotis</i> sp.	L dentary	n/m								
10	<i>Myotis</i> sp.	L dentary	n/m								
10	<i>Myotis</i> sp.	L dentary	n/m								
10	<i>Myotis</i> sp.	L maxilla				n/m					
10	<i>Myotis</i> sp.	R dentary	n/m								
10	<i>Myotis</i> sp.	R dentary	n/m								
10	<i>Myotis</i> sp.	R dentary	n/m								
10	<i>Myotis</i> sp.	R dentary	n/m								
11	med. <i>Myotis</i>	L dentary	10.2								
11	med. <i>Myotis</i>	L dentary	10.4								
11	med. <i>Myotis</i>	L dentary	10.2								
11	med. <i>Myotis</i>	L dentary	10.3								
11	med. <i>Myotis</i>	L dentary	10.6								
11	med. <i>Myotis</i>	L dentary	10								
11	med. <i>Myotis</i>	L dentary	10								
11	med. <i>Myotis</i>	L dentary	10								
11	med. <i>Myotis</i>	L maxilla				n/m					
11	med. <i>Myotis</i>	L maxilla				n/m					
11	med. <i>Myotis</i>	L maxilla				n/m					
11	med. <i>Myotis</i>	L maxilla				n/m					
11	med. <i>Myotis</i>	R dentary	10.3								
11	med. <i>Myotis</i>	R dentary	10.3								
11	med. <i>Myotis</i>	R dentary	10								
11	med. <i>Myotis</i>	R dentary	10.2								
11	med. <i>Myotis</i>	R dentary	10.2								
11	med. <i>Myotis</i>	R maxilla				6.2					
11	med. <i>Myotis</i>	R maxilla				n/m					
11	med. <i>Myotis</i>	rostrum				6.6	5.9				
11	med. <i>Myotis</i>	rostrum				6.6	5.8				
11	<i>Myotis</i> sp.	L dentary	n/m								
11	<i>Myotis</i> sp.	R dentary	n/m								
11	<i>Myotis</i> sp.	R dentary	n/m								
11	<i>Myotis</i> sp.	R dentary	n/m								
11	<i>Myotis</i> sp.	R dentary	n/m								