

## 2006 BCI Bat Conservation and Management Workshop – Portal, AZ

AZ: Cochise County, Coronado National Forest, Chiricahua Mountains

### Summary of Capture Data

K. Gaukler/BCI

#### Session I

Day 01: 13 June 2006

Location #1: East Turkey Creek; various creek locations upstream and downstream of road near campsites.

Start Time: 1930 End Time: 2230. Start Temp: 24.5°C End Temp: 22.5°C

Site #1: One 2.6-meter net set over small pool just below bridge and upstream from Site #2 and one 6-meter net set in a bent V-formation over small pool downstream from Site #2.

<i>Antrozous pallidus</i> , pallid bat	1 male
<i>Eptesicus fuscus</i> , big brown bat	1 male
<i>Lasionycteris noctivagans</i> , silver-haired bat	1 male
<i>Lasiurus blossevillii</i> , western red bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	1 female (nr)
<i>Myotis volans</i> , long-legged myotis	2 (1 female (nr), 1 male)
Total species =	6
Total individuals =	7

Site #2: One large Ausbat harp trap set over dry creek bed at bend, under over hanging vegetation just below bridge.

<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	1 female (l)
<i>Eptesicus fuscus</i> , big brown bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	3 (1 female (nr), 2 males)
<i>Myotis californicus</i> , California myotis	1 male
<i>Myotis ciliolabrum</i> , western small-footed myotis	2 females (1l, 1nr)
Total species =	5
Total individuals =	8

Site #3: One 6-meter net set over small pool approximately 200-feet upstream from road with one 12-meter net and one 9-meter net set just up stream in large open gaps on either side of the creek.

<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	1 male
<i>Lasionycteris noctivagans</i> , silver-haired bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	2 (1 male, 1 unknown)
Total species =	3
Total individuals =	4

Site #4: One harp trap set between trees and under overhanging vegetation just upstream from 6-meter net in Site #3.

<i>Antrozous pallidus</i> , pallid bat	1 male
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	2 females (1p, 1nr)
<i>Eptesicus fuscus</i> , big brown bat	4 males
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	1 male
<i>Lasionycteris noctivagans</i> , silver-haired bat	1 male
<i>Lasiurus cinereus</i> , hoary bat	1 unknown
<i>Myotis californicus</i> , California myotis	1 female (p)
Total species =	7
Total individuals =	11

Site #5: One 6-meter net and one 2.6-meter net set in a T-formation over pool with a large boulder just upstream.

<i>Eptesicus fuscus</i> , big brown bat	5 males
<i>Lasionycteris noctivagans</i> , silver-haired bat	5 males
<i>Lasiurus cinereus</i> , hoary bat	2 males
<i>Myotis auriculus</i> , southwestern myotis	3 (2 females (nr), 1 male)
<i>Myotis volans</i> , long-legged myotis	4 females (nr)
Total species =	5
Total individuals =	19

Site #6: One 9-meter net set over small trickling creek with few standing pools and swoop zone of approximately 30 meters.

<i>Myotis auriculus</i> , southwestern myotis		5 females (2p, 3nr)
<i>Myotis thysanodes</i> , fringed myotis		3 females (nr)
<i>Myotis volans</i> , long-legged myotis		1 male
	Total species =	3
	Total individuals =	9
	<b>Grand Total Species =</b>	<b>12</b>
	<b>Grand Total Individuals =</b>	<b>58</b>

Day 02: 14 June 2006

Location #1: Cave Creek; various locations up and down stream of road near Barrett's property and Hurt's property. Start Time: 1940 End Time: 2200. Start Temp: 25.8°C End Temp: 22.7°C

Site #1: One harp trap set in dry creek bed with overhanging vegetation.

<i>Myotis auriculus</i> , southwestern myotis		2 females (1p, 1nr)
<i>Myotis californicus</i> , California myotis		1 male
<i>Myotis</i> sp., unknown		1 unknown
	Total species =	2
	Total individuals =	4

Site #2: One 2.6-meter net on creek bank in open gap of vegetation and one double-high 12-meter net set diagonally over dry creek bed slightly parallel to 2.6-meter net.

<i>Antrozous pallidus</i> , pallid bat		1 male
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat		1 male
<i>Lasiurus cinereus</i> , hoary bat		3 (2 males, 1 unknown)
<i>Myotis auriculus</i> , southwestern myotis		1 female (p)
	Total species =	4
	Total individuals =	6

Site #3: One 2.6-meter net set in front of small pool downstream around a sharp bend from Site #2 and one 12-meter net set over medium-sized pool in a bent V-formation downstream from 2.6-meter net.

<i>Antrozous pallidus</i> , pallid bat		3 males
<i>Eptesicus fuscus</i> , big brown bat		4 (2 females (nr), 2 male)
<i>Lasiurus cinereus</i> , hoary bat		2 males
<i>Myotis ciliolabrum</i> , western small-footed myotis		3 (1 female (nr), 2 males)
<i>Myotis volans</i> , long-legged myotis		1 female (l)
<i>Pipistrellus hesperus</i> , western pipistrelle		1 male
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		1 female (nr)
	Total species =	7
	Total individuals =	15

Site #4: One Ausbat harp trap set in dry creek bed under over-hanging vegetation with branches placed to block potential escape routes on each side.

<i>Corynorhinus townsendii</i> , Townsend's big-eared bat		2 males
<i>Myotis auriculus</i> , southwestern myotis		6 (1 female (nr), 5 males)
<i>Myotis californicus</i> , California myotis		2 males
<i>Myotis ciliolabrum</i> , western small-footed myotis		4 males
<i>Myotis volans</i> , long-legged myotis		1 male
<i>Myotis thysanodes</i> , fringed myotis		2 males
<i>Myotis</i> sp., unknown		1 unknown
<i>Pipistrellus hesperus</i> , western pipistrelle		1 male
	Total species =	7
	Total individuals =	19

Site #5: One 6-meter net set under bridge on downstream side with one 2.6-meter net set over dry creek bed and two 6-meter nets set in a V-formation over stagnant pool where small footpath intersects creek.

<i>Antrozous pallidus</i> , pallid bat		3 males
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat		2 males
<i>Eptesicus fuscus</i> , big brown bat		3 males
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat		2 males
<i>Lasiurus cinereus</i> , hoary bat		2 males
<i>Lasionycteris noctivagans</i> , silver-haired bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		3 (1 female (nr), 1 male, 1 unknown)
<i>Myotis californicus</i> , California myotis		1 male
<i>Myotis ciliolabrum</i> , western small-footed myotis		2 (1 female (nr), 1 male)
<i>Myotis volans</i> , long-legged myotis		3 males
<i>Myotis thysanodes</i> , fringed myotis		1 male
<i>Pipistrellus hesperus</i> , western pipistrelle		19 males
	Total species =	12
	Total individuals =	42

Site #6: One 6-meter net and one 9-meter net set in a V-formation just before small pool and bend in the creek.

<i>Antrozous pallidus</i> , pallid bat		4 males
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat		1 female (l)
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat		1 female (p)
<i>Eptesicus fuscus</i> , big brown bat		4 (3 males, 1 unknown)
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat		1 male
<i>Lasiurus cinereus</i> , hoary bat		3 (2 males, 1 unknown)
<i>Myotis auriculus</i> , southwestern myotis		1 male
<i>Myotis californicus</i> , California myotis		1 female (p)
<i>Myotis ciliolabrum</i> , western small-footed myotis		1 unknown
<i>Myotis velifer</i> , cave myotis		1 female (p)
<i>Myotis volans</i> , long-legged myotis		2 (1 female (nr), 1 male)
<i>Myotis</i> sp., unknown		2 unknown
<i>Pipistrellus hesperus</i> , western pipistrelle		8 (1 female (nr), 6 males, 1 unknown)
	Total species =	12
	Total individuals =	30
	<b>Grand Total Species =</b>	<b>15</b>
	<b>Grand Total Individuals =</b>	<b>116</b>

Day 03: 15 June 2006

Location #1: Willow Tanks. Start Time: 2005 End Time: 2210. Start Temp: 31.5°C End Temp: 29.4°C

Site #1: One 6-meter net, one 9-meter net, and two 12-meter nets set in a right triangle formation over standing water.

<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		1 male
	Total species =	1
	Total individuals =	1

Site #2: One 6-meter net, one 9-meter net, and two 12-meter nets set in a W-formation over two pools of standing water.

<i>Antrozous pallidus</i> , pallid bat		1 female (l)
	Total species =	1
	Total individuals =	1

Location #2: Lower Cave Creek across from USFS Visitor Information Center. Start Time: 2000 End Time: 2230. Start Temp: 29.3°C End Temp: 26.7°C

Site #1: One harp trap set over dry creek bed between trees and under overhanging vegetation.

<i>Myotis californicus</i> , California myotis		3 males
<i>Myotis ciliolabrum</i> , western small-footed myotis		6 males
<i>Myotis velifer</i> , cave myotis		1 male
	Total species =	3
	Total individuals =	10

Site #2: Two 6-meter nets set over dry creek bed downstream from Site #1.

<i>Myotis californicus</i> , California myotis		1 female (nr)
<i>Myotis velifer</i> , cave myotis		1 male
	Total species =	2
	Total individuals =	2

Site #3: One Ausbat harp trap set over dry creek bed between trees and under overhanging vegetation.

<i>Eptesicus fuscus</i> , big brown bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		1 male
<i>Myotis californicus</i> , California myotis		6 males
<i>Myotis ciliolabrum</i> , western small-footed myotis		4 males
<i>Myotis volans</i> , long-legged myotis		1 male
	Total species =	5
	Total individuals =	13

Site #4: One 6-meter net set over dry creek bed downstream from Ausbat and just behind large overhanging branch.

<i>Choeronycteris mexicana</i> , Mexican long-tongued bat		3 females (p)
<i>Eptesicus fuscus</i> , big brown bat		2 males
<i>Myotis californicus</i> , California myotis		1 male
<i>Myotis thysanodes</i> , fringed myotis		2 males
<i>Myotis velifer</i> , cave myotis		2 males
	Total species =	5
	Total individuals =	10

Site #5: Two 12-meter nets set in a V-formation at bend in dry creek bed.

<i>Choeronycteris mexicana</i> , Mexican long-tongued bat		2 females (p)
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat		1 male
	Total species =	2
	Total individuals =	3
	<b>Grand Total Species =</b>	<b>11</b>
	<b>Grand Total Individuals =</b>	<b>40</b>

Day 04: 16 June 2006

Location #1: Cave Creek behind SWRS. Start Time: 2000 End Time: 2235. Start Temp: 24°C End Temp: 16°C

Site #1: One harp trap set over stream bed under footbridge.

<i>Myotis auriculus</i> , southwestern myotis		1 female (nr)
	Total species =	1
	Total individuals =	1

Site #2: One 2.6-meter net set over stream bed 6 meters upstream from harp trap and one 6-meter net set on bridge blocking escape route above harp trap.

<i>Lasiurus cinereus</i> , hoary bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		3 females (nr)
	Total species =	2
	Total individuals =	4

Site #3: One Ausbat harp trap set in stream bed behind hummingbird feeders.

<i>Lasiurus cinereus</i> , hoary bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	1 female (p)
<i>Myotis californicus</i> , California myotis	3 males
Total species	= 3
Total individuals	= 5

Site #4: One 6-meter net set diagonally before bend in creek bed just upstream from Ausbat.

<i>Lasiurus cinereus</i> , hoary bat	1 male
Total species	= 1
Total individuals	= 1

Location #2: SWRS Pool. Start Time: 1940 End Time: 2225. Start Temp: 23.3°C End Temp: 15.3°C

Site #1: One triple high 6-meter net set along deep-end edge of pool parallel with one 9-meter net set over shallow-end and two 12-meter nets plus one 2.6-meter net set parallel in grass along each side of pool in a box-formation.

<i>Lasiurus cinereus</i> , hoary bat	2 males
<i>Lasionycteris noctivagans</i> , silver-haired bat	1 male
<i>Myotis volans</i> , long-legged myotis	1 male
<i>Nyctinomops macrotis</i> , Big free-tailed bat	11 (7 females (nr), 4 males)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	50 (20 females (5p, 2l, 13nr), 30 males)
Total species	= 5
Total individuals	= 65
<b>Grand Total Species</b>	<b>= 7</b>
<b>Grand Total Individuals</b>	<b>= 76</b>

#### Summary of Capture Results – Session I: 12-17 June 2006

Seven 2.6-meter mist nets, Fourteen 6-meter mist nets, Six 9-meter mist nets, Ten 12-meter mist nets,  
One double-high 12-meter mist net, One triple-high 6-meter mist net, and Eight harp traps  
(Total net/hrs = 114)

<i>Antrozous pallidus</i> , pallid bat	14 (1 female (l), 13 males)
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	6 females (4p, 2l)
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	8 (4 females (2p, 2l), 4 males)
<i>Eptesicus fuscus</i> , big brown bat	25 (2 females (nr), 22 males, 1 unknown)
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	7 males
<i>Lasionycteris noctivagans</i> , silver-haired bat	10 males
<i>Lasiurus blossevillii</i> , western red bat	1 male
<i>Lasiurus cinereus</i> , hoary bat	18 (15 males, 3 unknown)
<i>Myotis auriculus</i> , southwestern myotis	34 (20 females (5p, 2l, 13nr), 12 males)
<i>Myotis californicus</i> , California myotis	21 (6 females (2p, 4nr), 15 males)
<i>Myotis ciliolabrum</i> , western small-footed myotis	22 (4 females (1l, 3nr), 17 males, 1 unknown)
<i>Myotis thysanodes</i> , fringed myotis	6 males
<i>Myotis velifer</i> , cave myotis	5 males
<i>Myotis volans</i> , long-legged myotis	17 (8 females (nr), 9 males)
<i>Myotis</i> sp., unknown	4 unknown
<i>Nyctinomops macrotis</i> , Big free-tailed bat	11 (7 females (nr), 4 males)
<i>Pipistrellus hesperus</i> , western pipistrelle	29 (1 female (nr), 27 males, 1 unknown)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	52 (21 females (5p, 2l, 14nr), 31 males)
<b>Total Species</b>	<b>= 17</b>
<b>Total Individuals</b>	<b>= 290</b>

## Session II

Day 01: 18 June 2006

Location #1: Cave Creek; various creek locations upstream and downstream from Barrett's Bridge. Start Time: 2015 End Time: 2315. Start Temp: 21.5°C End Temp: 15.3°C

Site #1: One Ausbat harp trap set diagonally at intersection of dry creek bed and trail under over-hanging vegetation.

<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	1 unknown
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	2 (1 female (nr), 1 male)
<i>Eptesicus fuscus</i> , big brown bat	1 male
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	1 male
<i>Lasionycteris noctivagans</i> , silver-haired bat	3 males
<i>Myotis auriculus</i> , southwestern myotis	7 (5 females (1l, 4nr), 2 males)
<i>Myotis californicus</i> , California myotis	18 (6 females (3l, 3nr), 12 males)
<i>Myotis ciliolabrum</i> , western small-footed myotis	4 males
<i>Myotis thysanodes</i> , fringed myotis	2 males
<i>Myotis velifer</i> , cave myotis	2 (1 male, 1 unknown)
<i>Myotis volans</i> , long-legged myotis	6 (1 female (nr), 5 males)
<i>Pipistrellus hesperus</i> , western pipistrelle	9 males
Total species =	12
Total individuals =	56

Site #2: One 2.6-meter net and one 6-meter net set in a V-formation over small pool downstream from Ausbat harp trap.

<i>Antrozous pallidus</i> , pallid bat	1 unknown
Total species =	1
Total individuals =	1

Site #3: One 9-meter net set over small pool (1m x 2m) and two 12-meter nets set in a V-formation over creek.

<i>Antrozous pallidus</i> , pallid bat	1 male
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	1 female (l)
<i>Myotis velifer</i> , cave myotis	1 male
<i>Myotis volans</i> , long-legged myotis	1 male
Total species =	4
Total individuals =	4

Site #4: One 6-meter net set over small pool under road bridge and one 6-meter net set over water upstream from bend in the creek with one 9-meter net set on bank blocking escape route around creek bend.

<i>Eptesicus fuscus</i> , big brown bat	7 males
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	1 male
<i>Lasionycteris noctivagans</i> , silver-haired bat	1 male
<i>Lasiurus blossevillii</i> , western red bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	1 female (nr)
<i>Myotis californicus</i> , California myotis	3 males
<i>Myotis ciliolabrum</i> , western small-footed myotis	3 (2 female (1p, 1nr), 1 male)
<i>Myotis velifer</i> , cave myotis	1 male
<i>Myotis volans</i> , long-legged myotis	3 (1 female (nr), 2 males)
<i>Pipistrellus hesperus</i> , western pipistrelle	4 males
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	1 male
Total species =	11
Total individuals =	26

Site #5: One harp trap set over creek just upstream from Site #6.

<i>Antrozous pallidus</i> , pallid bat	1 male
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	1 male
<i>Myotis ciliolabrum</i> , western small-footed myotis	1 male
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	1 female
Total species =	5
Total individuals =	5

Site #6: Two 9-meter nets set parallel on either side of one 2.6-meter net just upstream from road bridge.

<i>Eptesicus fuscus</i> , big brown bat		1 male
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		1 female (p)
<i>Myotis ciliolabrum</i> , western small-footed myotis		2 (1 female (nr), 1 male)
<i>Pipistrellus hesperus</i> , western pipistrelle		3 (2 males, 1 unknown)
	Total species =	5
	Total individuals =	8
	<b>Grand Total Species =</b>	<b>15</b>
	<b>Grand Total Individuals =</b>	<b>100</b>

Day 02: 19 June 2006

Location #1: East Turkey Creek; various creek locations upstream and downstream from road bridge. Start Time: 1930 End Time: 2220. Start Temp: 25.6°C End Temp: 23.6°C

Site #1: One 2.6-meter net set over small pool just downstream from bridge and one 2.6-meter net set over small pool 100 meters downstream.

<i>Eptesicus fuscus</i> , big brown bat		2 males
<i>Myotis auriculus</i> , southwestern myotis		7 (5 females (1pl, 4nr), 2 males)
<i>Myotis californicus</i> , California myotis		3 (2 females (nr), 1 male)
<i>Myotis volans</i> , long-legged myotis		4 (2 females (nr), 1 male, 1 unknown)
	Total species =	4
	Total individuals =	16

Site #2: One Ausbat harp trap set over dry creek bed downstream from bridge under over hanging tree limb with encroaching vegetation on either side.

<i>Myotis auriculus</i> , southwestern myotis		1 female (nr)
<i>Myotis californicus</i> , California myotis		1 male
<i>Myotis volans</i> , long-legged myotis		2 (1 female (nr), 1 male)
	Total species =	3
	Total individuals =	4

Site #3: One 2.6-meter net and one 6-meter net set parallel over medium pool (2m x 3m) with two large boulders blocking escape routes along each bank.

<i>Eptesicus fuscus</i> , big brown bat		9 males
<i>Lasionycteris noctivagans</i> , silver-haired bat		3 males
<i>Myotis auriculus</i> , southwestern myotis		2 females (l)
<i>Myotis californicus</i> , California myotis		1 female (l)
<i>Myotis thysanodes</i> , fringed myotis		1 male
<i>Myotis volans</i> , long-legged myotis		3 (2 females (nr), 1 male)
	Total species =	6
	Total individuals =	19

Site #4: One harp trap set over dry creek bed under overhanging walnut tree branch.

<i>Eptesicus fuscus</i> , big brown bat		3 males
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat		1 male
<i>Lasionycteris noctivagans</i> , silver-haired bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		3 females (l)
<i>Myotis californicus</i> , California myotis		2 males
<i>Myotis ciliolabrum</i> , western small-footed myotis		2 (1 female (l), 1 male)
<i>Myotis volans</i> , long-legged myotis		7 (3 females (nr), 4 males)
	Total species =	7
	Total individuals =	19

Site #5: One 6-meter net and one 9-meter net set in V-formation over small (1m x 3m) pool and one 6-meter net and one 9-meter net set in V-formation over dry creek bed and one 6-meter net set over dry creek bed.

<i>Antrozous pallidus</i> , pallid bat	1 male
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	1 male
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	2 females (1l, 1nr)
<i>Eptesicus fuscus</i> , big brown bat	3 males
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	1 male
<i>Lasionycteris noctivagans</i> , silver-haired bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	10 (6 females (1l, 5nr), 4 males)
<i>Myotis californicus</i> , California myotis	1 male
<i>Myotis ciliolabrum</i> , western small-footed myotis	1 female (l)
<i>Myotis thysanodes</i> , fringed myotis	2 males
<i>Myotis volans</i> , long-legged myotis	3 (2 females (nr), 1 male)
Total species =	11
Total individuals =	26

Site #6: One 6-meter net set in dry creek bed along steep drop-off and one 6-meter net bent into L-formation set over large pool (4m x 6m).

<i>Eptesicus fuscus</i> , big brown bat	5 males
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	1 male
<i>Lasionycteris noctivagans</i> , silver-haired bat	4 (3 males, 1 unknown)
<i>Lasiurus cinereus</i> , hoary bat	1 male
<i>Myotis volans</i> , long-legged myotis	1 female (nr)
Total species =	5
Total individuals =	12
<b>Grand Total Species =</b>	<b>12</b>
<b>Grand Total Individuals =</b>	<b>96</b>

Day 03: 20 June 2006

Location #1: Idlewilde Campground; various dry creek locations upstream to Stewart and downstream to USFS Visitor Information Center. Start Time: 1945 End Time: 2300. Start Temp: 29.2°C End Temp: 27°C

Site #1: One 6-meter net set over mostly dry creek bed along large boulder at creek bend, one 6-meter net set over dry stream bed, and two 9-meter nets set in a V-formation further downstream.

<i>Antrozous pallidus</i> , pallid bat	2 males
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	1 female (l)
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	4 (3 females (1p, 1l, 1nr), 1 male)
<i>Eptesicus fuscus</i> , big brown bat	2 males
<i>Myotis auriculus</i> , southwestern myotis	12 (9 female (nr), 3 males)
<i>Myotis californicus</i> , California myotis	7 (3 females (1p, 1l, 1nr), 4 males)
<i>Myotis ciliolabrum</i> , western small-footed myotis	4 males
<i>Myotis thysanodes</i> , fringed myotis	10 (2 females (nr), 8 males)
<i>Myotis velifer</i> , cave myotis	2 males
<i>Myotis volans</i> , long-legged myotis	7 (2 females (nr), 5 males)
<i>Pipistrellus hesperus</i> , western pipistrelle	2 males
Total species =	11
Total individuals =	53

Site #2: One 6-meter net set and one 9-meter net set parallel over dry creek bed.

<i>Antrozous pallidus</i> , pallid bat	1 male
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	1 female (p)
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	3 females (2l, 1nr)
<i>Eptesicus fuscus</i> , big brown bat	1 male
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	3 (1 female (nr), 2 males)
<i>Myotis californicus</i> , California myotis	3 (1 female (nr), 2 males)
<i>Myotis ciliolabrum</i> , western small-footed myotis	1 male
<i>Myotis thysanodes</i> , fringed myotis	2 (1 female (nr), 1 male)
<i>Myotis volans</i> , long-legged myotis	2 (1 female (nr), 1 male)
Total species =	10
Total individuals =	18

Site #3: One harp trap set over dry creek bed.

<i>Antrozous pallidus</i> , pallid bat	1 male
<i>Eptesicus fuscus</i> , big brown bat	1 male
<i>Lasionycteris noctivagans</i> , silver-haired bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	3 females (nr)
<i>Myotis californicus</i> , California myotis	8 (2 females (nr), 6 males)
<i>Myotis thysanodes</i> , fringed myotis	5 (1 female (nr), 4 males)
<i>Myotis velifer</i> , cave myotis	1 male
<i>Myotis volans</i> , long-legged myotis	4 (1 female (nr), 3 males)
Total species =	8
Total individuals =	24

Site #4: One 12-meter net, two 6-meter nets set parallel along dry creek bed across from USFS Visitor Information Center.

<i>Antrozous pallidus</i> , pallid bat	2 males
<i>Eptesicus fuscus</i> , big brown bat	2 males
<i>Myotis thysanodes</i> , fringed myotis	1 male
Total species =	3
Total individuals =	5

Site #5: One Ausbat harp trap set over dry creek bed between trees and under overhanging vegetation.

<i>Myotis californicus</i> , California myotis	18 (2 females (p), 16 males)
<i>Myotis ciliolabrum</i> , western small-footed myotis	3 (1 female (p), 2 males)
<i>Myotis thysanodes</i> , fringed myotis	1 male
Total species =	3
Total individuals =	22

Site #6: One 2.6-meter net set over dry creek bed between vegetation and one 6-meter net set under upstream side of Stewart Bridge.

<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	2 females (l)
<i>Myotis auriculus</i> , southwestern myotis	1 female
<i>Myotis californicus</i> , California myotis	3 males
<i>Myotis ciliolabrum</i> , western small-footed myotis	7 (1 female (nr), 6 males)
<i>Myotis thysanodes</i> , fringed myotis	1 male
<i>Myotis volans</i> , long-legged myotis	1 male
Total species =	6
Total individuals =	15
<b>Grand Total Species =</b>	<b>13</b>
<b>Grand Total Individuals =</b>	<b>137</b>

Day 04: 21 June 2006  
 Location #1: Cave Creek behind SWRS. Start Time: 2000 End Time: 2300. Start Temp: 23.4°C End Temp: 20°C

Site #1: One Ausbat harp trap set over small pool behind SWRS cabins.

<i>Lasiurus blossevillii</i> , western red bat	2 (1 female (l), 1 male)
<i>Lasiurus cinereus</i> , hoary bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	3 (2 females (1p, 1nr), 1 male)
<i>Myotis californicus</i> , California myotis	3 males
<i>Myotis volans</i> , long-legged myotis	7 (3 females (nr), 4 males)
<i>Pipistrellus hesperus</i> , western pipistrelle	1 male
Total species =	6
Total individuals =	17

Site #2: One 6-meter net set over small pool and one 6-meter net set in bent L-formation over long pool behind SWRS cabins.

<i>Eptesicus fuscus</i> , big brown bat	2 males
<i>Lasiurus cinereus</i> , hoary bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	4 (2 females (1l, 1nr), 2 males)
<i>Myotis volans</i> , long-legged myotis	2 (1 female (l), 1 male)
Total species =	4
Total individuals =	9

Site #3: One harp trap set over creek behind SWRS lab.

<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	4 males
<i>Myotis californicus</i> , California myotis	5 (1 female (p), 4 males)
<i>Myotis ciliolabrum</i> , western small-footed myotis	1 male
<i>Myotis volans</i> , long-legged myotis	4 (3 females (1l, 2nr), 1 male)
Total species =	5
Total individuals =	15

Site #4: Two 2.6-meter nets set just upstream and downstream of bend in creek behind hummingbird feeders.

<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	2 (1 female (p), 1 male)
Total species =	1
Total individuals =	2

Location #2: SWRS Pool. Start Time: 2000 End Time: 2315. Start Temp: 24.7°C End Temp: 19.9°C

Site #1: One triple high 6-meter net set along deep-end edge of pool parallel with one 9-meter net set over shallow-end and two 12-meter nets along each side of pool in a box-formation.

<i>Myotis volans</i> , long-legged myotis	1 male
<i>Nyctinomops macrotis</i> , Big free-tailed bat	1 female (nr)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	40 (18 females (10p, 8nr), 22 males)
Total species =	3
Total individuals =	42
<b>Grand Total Species =</b>	<b>12</b>
<b>Grand Total Individuals =</b>	<b>85</b>

**Summary of Capture Results – Session II: 17-22 June 2006**

Eight 2.6-meter mist nets, Seventeen 6-meter mist nets, Nine 9-meter mist nets, Five 12-meter mist nets,  
One triple-high 6-meter mist net and Eight harp traps  
(Total net/hrs = 147)

<i>Antrozous pallidus</i> , pallid bat	10 (9 males, 1 unknown)
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	6 (3 females (2p, 1l), 2 males, 1 unknown)
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	16 (12 females (1p, 8l, 3nr), 4 males)
<i>Eptesicus fuscus</i> , big brown bat	39 males
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	7 males
<i>Lasionycteris noctivagans</i> , silver-haired bat	14 (13 males, 1 unknown)
<i>Lasiurus blossevillii</i> , western red bat	3 (1 female (l), 2 males)
<i>Lasiurus cinereus</i> , hoary bat	3 males
<i>Myotis auriculus</i> , southwestern myotis	63 (42 females (1p, 8l, 33nr), 21 males)
<i>Myotis californicus</i> , California myotis	76 (16 females (3p, 3l, 10nr), 60 males)
<i>Myotis ciliolabrum</i> , western small-footed myotis	30 (6 females (2l, 4nr), 24 males)
<i>Myotis thysanodes</i> , fringed myotis	26 (5 females (1p, 4nr), 21 males)
<i>Myotis velifer</i> , cave myotis	5 (4 males, 1 unknown)
<i>Myotis volans</i> , long-legged myotis	58 (23 females (2l, 21nr), 34 males, 1 unknown)
<i>Nyctinomops macrotis</i> , Big free-tailed bat	1 female (nr)
<i>Pipistrellus hesperus</i> , western pipistrelle	19 (18 males, 1 unknown)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	42 (19 females (10p, 9nr), 23 males)
<b>Total Species</b>	<b>= 17</b>
<b>Total Individuals</b>	<b>= 418</b>

**Session III**

Day 01: 23 June 2006

Location #1: East Turkey Creek; various creek locations upstream and downstream of road near campsites.  
Start Time: 1945 End Time: 2300. Start Temp: 21.9°C End Temp: 20.7°C

Site #1: One Ausbat harp trap set over dry creek bed downstream of road bridge with overhanging vegetation and branches placed on either side to conceal trap.

<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	1 female (l)
Total species	= 1
Total individuals	= 1

Site #2: One 6-meter net set over small pool downstream of bridge and one 6-meter net set with one 9-meter net in an L-formation over small pool upstream of bridge.

<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	2 females (1l, 1nr)
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	1 male
<i>Lasiurus cinereus</i> , hoary bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	1 female (nr)
Total species	= 4
Total individuals	= 5

Site #3: One harp trap set in creek bed.

<i>Myotis auriculus</i> , southwestern myotis	9 (5 females (1p, 3l, 1nr), 4 males)
<i>Myotis californicus</i> , California myotis	3 (2 females (p), 1 male)
<i>Myotis thysanodes</i> , fringed myotis	1 male
<i>Myotis volans</i> , long-legged myotis	1 female (nr)
Total species	= 4
Total individuals	= 14

Site #4: One 2.6-meter net and one 6-meter net set in an L-formation over large (15m x 3m) pool.

*Eptesicus fuscus*, big brown bat 3 males  
*Myotis auriculus*, southwestern myotis 2 females (1l, 1nr)  
*Myotis californicus*, California myotis 1 male  
*Myotis thysanodes*, fringed myotis 3 males  
*Myotis volans*, long-legged myotis 1 male

Total species = 5  
 Total individuals = 10  
**Grand Total Species = 8**  
**Grand Total Individuals = 30**

Day 02: 24 June 2006

Location #1: Rustler Peak, Barfoot camp, small seep on road west of wet meadow. Start Time: 1945 End Time: 2300. Start Temp: 17.3°C End Temp: 18.5°C

Site #1: Two 12-meter nets and one 9-meter net plus two 12-meter nets set in a V-formation over small drainage pool and blocking flyway along road and up from western slope.

*Corynorhinus townsendii*, Townsend's big-eared bat 7 females (6l, 1nr)  
*Eptesicus fuscus*, big brown bat 2 males  
*Idionycteris phyllotis*, Allen's lappet-browed bat 3 females (l)  
*Lasionycteris noctivagans*, silver-haired bat 1 male  
*Myotis auriculus*, southwestern myotis 23 (8 females (2p, 4l, 2nr), 15 males)  
*Myotis californicus*, California myotis 3 females (2p, 1nr)  
*Myotis ciliolabrum*, western small-footed myotis 1 male  
*Myotis thysanodes*, fringed myotis 13 males  
*Myotis volans*, long-legged myotis 57 (37 females (1p, 8l, 28nr), 19 males, 1 unknown)

Total species = 9  
 Total individuals = 110  
**Grand Total Species = 9**  
**Grand Total Individuals = 110**

Day 03: 25 June 2006

Location #1: Lower Cave Creek across from USFS Visitor Information Center. Start Time: 2000 End Time: 2330. Start Temp: 19.7°C End Temp: 19°C

Site #1: One 2.6-meter net and one 6-meter net set in wide V-formation over dry creek bed, plus one 6-meter net set over dry creek bed upstream.

Total species = 0  
 Total individuals = 0

Site #2: One harp trap set in diversion ditch near Site #1.

*Myotis auriculus*, southwestern myotis 8 (7 females (6l, 1nr), 1 male)  
*Myotis californicus*, California myotis 1 male  
*Myotis ciliolabrum*, western small-footed myotis 2 males  
*Myotis volans*, long-legged myotis 3 (2 females (1p, 1l), 1 male)

Total species = 4  
 Total individuals = 14

Site #3: One Ausbat harp trap set over dry creek bed between trees and under overhanging vegetation.

*Antrozous pallidus*, pallid bat 1 male  
*Myotis auriculus*, southwestern myotis 1 male  
*Myotis californicus*, California myotis 9 (1 female (l), 8 males)  
*Myotis ciliolabrum*, western small-footed myotis 1 male  
*Myotis volans*, long-legged myotis 1 female (l)  
*Tadarida brasiliensis*, Mexican free-tailed bat 1 male

Total species = 6  
 Total individuals = 14  
**Grand Total Species = 6**

**Grand Total Individuals = 28**

Day 04: 26 June 2006  
 Location #1: Cess Pool II off State Line Road. Start Time: 2000 End Time: 2200. Start Temp: 25.3°C End Temp: N/A

Site #1: Two 12-meter nets set end to end with two 2.6-meter nets and one 9-meter net set in an L-formation intersecting the 12-meter nets set over large stock tank.

<i>Antrozous pallidus</i> , pallid bat	4 (3 females (l), 1 male)
<i>Eptesicus fuscus</i> , big brown bat	1 male
<i>Myotis californicus</i> , California myotis	2 (1 female (l), 1 male)
<i>Pipistrellus hesperus</i> , western pipistrelle	1 female
Total species =	4
Total individuals =	8

Location #2: SWRS Pool. Start Time: 2300 End Time: 0145. Start Temp: 16.3°C End Temp: 18.9°C

Site #1: One triple high 6-meter net set along deep-end edge of pool parallel with one 9-meter net set over shallow-end and two 12-meter nets and one 2.6-meter net set parallel in grass along each side of pool in a box-formation.

<i>Lasiurus cinereus</i> , hoary bat	1 male
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	38 (2 females (1p, 1nr), 36 males)
Total species =	2
Total individuals =	39
<b>Grand Total Species =</b>	<b>6</b>
<b>Grand Total Individuals =</b>	<b>47</b>

#### Summary of Capture Results – Session III: 22-27 June 2006

Five 2.6-meter mist nets, Five 6-meter mist nets, Four 9-meter mist nets, Eight 12-meter mist nets,  
 One triple-high 6-meter and Four harp traps  
 (Total net/hrs = 59)

<i>Antrozous pallidus</i> , pallid bat	5 (3 females (l), 2 males)
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	10 females (8l, 2nr)
<i>Eptesicus fuscus</i> , big brown bat	6 males
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	4 (3 females (l), 1 male)
<i>Lasionycteris noctivagans</i> , silver-haired bat	1 male
<i>Lasiurus cinereus</i> , hoary bat	2 males
<i>Myotis auriculus</i> , southwestern myotis	44 (23 females (3p, 14l, 6nr), 21 males)
<i>Myotis californicus</i> , California myotis	18 (6 females (5p, 1l), 12 males)
<i>Myotis ciliolabrum</i> , western small-footed myotis	5 (1 female (p), 4 males)
<i>Myotis thysanodes</i> , fringed myotis	17 males
<i>Myotis volans</i> , long-legged myotis	63 (41 females (2p, 12l, 27nr), 21 males, 1 unknown)
<i>Pipistrellus hesperus</i> , western pipistrelle	1 female (l)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	39 (2 females (1l, 1nr), 37 males)
<b>Total Species =</b>	<b>12</b>
<b>Total Individuals =</b>	<b>215</b>