

## 2003 BCI Bat Conservation and Management Workshop -- Portal, AZ

AZ: Cochise County, Coronado National Forest, Chiricahua Mountains

### Summary of Capture Data

J.Tyburec/BCI

#### Session I

Day 01: 23 May 2003

Location #1: South Fork of Cave Creek Canyon near water over road. Start Time: 1930 End Time: 2230 (Start Temp: 75F, End Temp: -M-F)

Site #1: One 30-foot mist net set just upstream from the water over the road over dry creek bed under overhanging cypress vegetation.

<i>Antrozous pallidus</i> , pallid bat	2 males
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	2 females (p)
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	1 female (nr)
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	1 male
<i>Myotis californicus</i> , California myotis	4 (1 female (nr), 3 males)
<i>Myotis volans</i> , long-legged myotis	1 male
Total species =	7
Total individuals =	12

Site #2: Two 18-foot mist nets set about 15-yards downstream from water over the road over two pools about 7x40-feet each, with swoop zones of 7x30-feet and 7x60 feet respectively about 45 yards apart from each other

<i>Eptesicus fuscus</i> , big brown bat	2 males
<i>Lasiurus cinereus</i> , hoary bat	5 males
<i>Pipistrellus hesperus</i> , western pipistrelle	1 male
Total species =	3
Total individuals =	8

Site #3: One large Austbat Harp Trap set about 30 yards down stream from Site #2, over water in creek and between and under overhanging vegetation.

<i>Myotis auriculus</i> , southwestern myotis	3 (1 female (nr), 2 males)
<i>Myotis californicus</i> , California myotis	2 males
<i>Myotis volans</i> , long-legged myotis	1 male
<i>Pipistrellus hesperus</i> , western pipistrelle	3 males
Total species =	4
Total individuals =	9

Site #4: Three 18-foot mist nets set downstream from Site #3 about 60-feet apart. Set over small (6x10-foot) pools in stream with 6x40-foot swoop zones.

<i>Lasiurus noctivagans</i> , silver-haired bat	2 males
<i>Lasiurus cinereus</i> , hoary bat	7 (2 females (nr), 4 males, 1 unknown)
<i>Myotis auriculus</i> , southwestern myotis	1 unknown
<i>Myotis californicus</i> , California myotis	2 males
<i>Myotis volans</i> , long-legged myotis	1 male
<i>Pipistrellus hesperus</i> , western pipistrelle	1 male
Total species =	6
Total individuals =	14

Day 02: 24 May 2003

Location #1: Start Time: 1900, End Time: 2230. Start Temp: 78F, End Temp: 74.5F.

Site #1: Two 18-foot mist nets set over dry portions of creek about 50 yards apart under overhanging vegetation.

<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	1 female (nr)
<i>Eptesicus fuscus</i> , big brown bat	1 male
<i>Lasiurus noctivagans</i> , silver-haired bat	1 male
<i>Lasiurus cinereus</i> , hoary bat	1 male
<i>Myotis californicus</i> , California myotis	1 female (nr)
<i>Myotis volans</i> , long-legged myotis	1 male
<i>Pipistrellus hesperus</i> , western pipistrelle	1 male
Total species =	7
Total individuals =	7

Site#2: One large Austbat harp trap set about 40 yards upstream from site #1 under over hanging vegetation.

<i>Eptesicus fuscus</i> , big brown bat	1 male
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	1 male
<i>Lasiurus cinereus</i> , hoary bat	2 males
<i>Myotis auriculus</i> , southwestern myotis	5 (2 females (nr), 3 males)
<i>Myotis californicus</i> , California myotis	7 (1 female (nr), 6 males)
<i>Myotis thysanodes</i> , fringed myotis	1 female (nr)
<i>Myotis volans</i> , long-legged myotis	2 males
Total species =	7
Total individuals =	17

Site #3: Two 18-foot nets set in a V formation over water about 8-feet wide by 30 feet long under overhanging vegetation and two 8-foot nets set parallel over water nearby about 50 yards downstream from Site #1.

<i>Antrozous pallidus</i> , pallid bat	1 male
<i>Eptesicus fuscus</i> , big brown bat	6 males
<i>Lasionycteris noctivagans</i> , silver-haired bat	4 males
<i>Myotis auriculus</i> , southwestern myotis	1 male
<i>Myotis ciliolabrum</i> , western small-footed myotis	1 male
<i>Myotis thysanodes</i> , fringed myotis	1 male
<i>Myotis velifer</i> , cave myotis	3 males
<i>Pipistrellus hesperus</i> , western pipistrelle	1 male
Total species =	8
Total individuals =	18

Site #4: Three 18-foot mist nets set over dry portions of creek, under over-hanging vegetation, downstream from Site #3.

<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	1 female (nr)
<i>Eptesicus fuscus</i> , big brown bat	2 males
<i>Myotis californicus</i> , California myotis	2 males
<i>Myotis thysanodes</i> , fringed myotis	1 female (nr)
Total species =	4
Total individuals =	6

*Micrathene whitneyi*, elf owl 1 male

Day 03: 25 May 2003

Location #1: Upstream from Stewart Bridge along Cave Creek. Start Time: 1930 End Time: 2200. Start Temp: 60F, End Temp: 56.5 F.

Site #1: One large Austbat Harp Trap set inbetween and under encroaching vegetation.

<i>Eptesicus fuscus</i> , big brown bat	1 male
<i>Lasiurus cinereus</i> , hoary bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	1 male
<i>Myotis californicus</i> , California myotis	5 (3 females (1p, 2nr), 2 males)
<i>Myotis thysanodes</i> , fringed myotis	1 male
<i>Myotis volans</i> , long-legged myotis	1 male
Total species =	6
Total individuals =	10

Site #2: One 8-foot net set upstream from Stewart Bridge over small 8x10 pool and one 18-foot net set along up-stream side of Stewart Bridge over water

<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	4 males
<i>Myotis auriculus</i> , southwestern myotis	2 females (nr)
<i>Myotis californicus</i> , California myotis	1 male
<i>Myotis ciliolabrum</i> , small-footed myotis	1 male
<i>Myotis thysanodes</i> , fringed myotis	1 female (nr)
<i>Myotis volans</i> , long-legged myotis	1 male
<i>Pipistrellus hesperus</i> , western pipistrelle	1 male
Total species =	9
Total individuals =	13

Site #3: Two 18-foot mist nets set in a V-formation over 12x40 foot pool and one 18-foot mist net set about 50-yards downstream from V-nets, set diagonally over 10x30 foot pool in stream.

<i>Lasiurus cinereus</i> , hoary bat	4 (1 female (nr), 3 males)
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<i>Myotis auriculus</i> , southwestern myotis		6 females (2p, 4nr)
<i>Myotis californicus</i> , California myotis		1 male
<i>Myotis ciliolabrum</i> , small-footed myotis		1 male
<i>Myotis volans</i> , long-legged myotis		1 female (p)
	Total species =	5
	Total individuals =	13

Site #4: One large Austbat harp trap set about 30-yards upstream from Site #3.

<i>Corynorhinus townsendii</i> , Townsend's big-eared bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		2 (1 female (nr), 1 male)
<i>Myotis californicus</i> , California myotis		5 (3 males, 2 unknown)
<i>Myotis thysanodes</i> , fringed myotis		1 male
<i>Myotis volans</i> , long-legged myotis		1 male
	Total species =	5
	Total individuals =	10

Site #5: One 8-foot mist net just upstream from Site #4

<i>Eptesicus fuscus</i> , big brown bat		1 male
<i>Myotis californicus</i> , California myotis		2 males
	Total species =	2
	Total individuals =	3

Site #6: One 18-foot mist net just upstream from Site #5

<i>Antrozous pallidus</i> , pallid bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		3 (2 females (nr), 1 male)
<i>Myotis californicus</i> , California myotis		4 males
<i>Myotis ciliolabrum</i> , small-footed myotis		3 males
<i>Myotis thysanodes</i> , fringed myotis		2 males
<i>Myotis volans</i> , long-legged myotis		1 male
<i>Pipistrellus hesperus</i> , western pipistrelle		2 males
	Total species =	7
	Total individuals =	16

Day 04: 26 May 2003. Start Time: 1930 End Time: 2200 Start Temp: 66.4F End Temp:54.1F

Location #1 SWRS Pool

Site #1 One 18-foot net over street end, two 42-foot nets along sides, and one 30-foot net over shallow end.

<i>Lasiurus cinereus</i> , hoary bat		3 (1 female (nr), 2 males)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		12 (2 females (nr), 10 males)
	Total species =	2
	Total individuals =	15

Site #2: One 18-foot mist net and one 30-foot mist net set in a V-formation in meadow behind buildings at 2-humming bird feeders.

<i>Choeronycteris mexicana</i> , Mexican long-tongued bat		3 females (p)
	Total species =	1
	Total individuals =	3

Location #2 Willow Tank, off State Line Road near Rodeo, NM.

Site #1: Three 42-foot nets in a spoke and wheel formation at the center of the pond.

<i>Lasiurus cinereus</i> , hoary bat		1 male
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		1 male
	Total species =	2
	Total individuals =	2

**Summary of Capture Results — Session I: 29 May thru 03 June 2002**  
**Four large Austbat harp traps, four 8-foot, sixteen 18-foot, two 30-foot, and 5 42-foot mist nets.**  
**89.5 net-trap hours total**

<i>Antrozous pallidus</i> , pallid bat	4 males
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	6 females (5p, 1nr)
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	3 (2 females (nr), 1 male)
<i>Eptesicus fuscus</i> , big brown bat	14 males
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	3 males
<i>Lasionycteris noctivagans</i> , silver-haired bat	8 males
<i>Lasiurus cinereus</i> , hoary bat	27 (4 females (nr), 22 males, 1 unknown)
<i>Myotis auriculus</i> , southwestern myotis	24 (14 females (2p, 12 nr), 10 males)
<i>Myotis californicus</i> , California myotis	37 (6 females (1p, 5nr), 29 males, 2 unknown)
<i>Myotis ciliolabrum</i> , western small-footed myotis	6 males
<i>Myotis thysanodes</i> , fringed myotis	8 (3 females (nr), 5 males)
<i>Myotis velifer</i> , cave myotis	3 males
<i>Myotis volans</i> , long-legged myotis	11 (1 female (p), 10 males)
<i>Pipistrellus hesperus</i> , western pipistrelle	10 males
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	13 (2 females (nr), 11 males)
Total species =	15
Total individuals =	177

**Session II**

Day 01: 28 May 2003. Start Time: 1930 End Time: 2230 Start Temp: 75.8F End Temp 70F.

Location #1: Downstream from Vista Point on Cave Creek.

Site #1: One large Austbat harp trap set over dry creek bed, under overhanging vegetation and between encroaching vegetation.

<i>Antrozous pallidus</i> , pallid bat	1 male
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	1 female (p)
<i>Lasiurus cinereus</i> , hoary bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	4 (3 females (nr), 1 male)
<i>Myotis californicus</i> , California myotis	9 males
<i>Myotis ciliolabrum</i> , western small-footed myotis	2 males
<i>Myotis thysanodes</i> , fringed myotis	1 male
<i>Myotis velifer</i> , cave myotis	1 unknown
<i>Myotis volans</i> , long-legged myotis	1 male
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	15 (8 females (p), 7 males)
Total species =	10
Total individuals =	36

Site #2: One 8-foot mist net and two 18-foot mist nets set in a Y-formation over a 8-foot by 40-foot pool in the stream, and over the adjacent dry stream bed about 50-yards downstream from site #1.

<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	1 male
<i>Eptesicus fuscus</i> , big brown bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	3 (1 female (l) 2 males)
<i>Myotis californicus</i> , California myotis	2 males
<i>Pipistrellus hesperus</i> , western pipistrelle	2 males
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	1 female (nr)
Total species =	6
Total individuals =	10

Site #3: One 8-foot mist net and two 18-foot mist nets set over pools in creek just downstream from Site #2.

<i>Antrozous pallidus</i> , pallid bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	2 females (1p, 1nr)
<i>Myotis californicus</i> , California myotis	4 males
<i>Myotis velifer</i> , cave myotis	2 females (nr)
<i>Pipistrellus hesperus</i> , western pipistrelle	6 (4 males, 2 unknown)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	1 male
Total species =	6
Total individuals =	16

Site #4: One 18-foot mist net set over 2x10 foot pool with a swoop zone of 20x40 feet.

<i>Lasionycteris noctivagans</i> , silver-haired bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	1 female (p)
<i>Myotis californicus</i> , California myotis	2 male
Total species =	3
Total individuals =	4

Site #5: One large Austbat harp trap set over water in creek under overhanging vegetation and between

encroaching vegetation.

<i>Antrozous pallidus</i> , pallid bat		1 female (nr)
<i>Eptesicus fuscus</i> , big brown bat		3 (1 female (p), 2 males)
<i>Lasiurus cinereus</i> , hoary bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		1 male
<i>Myotis californicus</i> , California myotis		1 male
<i>Myotis ciliolabrum</i> , western small-footed myotis		1 male
<i>Myotis velifer</i> , cave myotis		1 female (nr)
<i>Myotis volans</i> , long-legged myotis		1 female (p)
<i>Pipistrellus hesperus</i> , western pipistrelle		2 male
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		21 (10 females (nr), 10 males, 1 unknown)
	Total species =	10
	Total individuals =	33

Day 02: 28 May 2003: Start Time: 1930 End Time: 2230. Start Temp: 71F End Temp: 66F

Location #1: Idlewilde campground, upstream and down stream from last camp site.

Site #1: One large Austbat harp trap set at bend, upstream from large saddle-shaped rock, under overhanging vegetation and between willows

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

Site #2: One 18-foot net and one 30-foot net set in a V-formation over pool around large saddle-shaped rock.

<i>Eptesicus fuscus</i> , big brown bat		3 males, 1 unknown
<i>Lasionycteris noctivagans</i> , silver-haired bat		1 male
<i>Lasiurus cinereus</i> , hoary bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		3 (2 females (1p, 1f), 1 male)
<i>Myotis californicus</i> , California myotis		2 males
<i>Myotis velifer</i> , cave myotis		2 (1 female (nr), 1 male)
<i>Pipistrellus hesperus</i> , western pipistrelle		2 males
	Total species =	7
	Total individuals =	15

Site #3: One large Austbat harp trap just down stream from Site #2 set between encroaching vegetation and under overhanging sycamore branch.

<i>Eptesicus fuscus</i> , big brown bat		2 males
<i>Lasionycteris noctivagans</i> , silver-haired bat		1 male
<i>Myotis volans</i> , long-legged myotis		1 male
	Total species =	3
	Total individuals =	4

Site #4: Three 18-foot mist nets set parallel to each other at a 40x12 foot still pool in the stream bordered and overhung by vegetation.

<i>Choeronycteris mexicana</i> , Mexican long-tongued bat		1 female (p)
<i>Eptesicus fuscus</i> , big brown bat		3 males
<i>Lasionycteris noctivagans</i> , silver-haired bat		4 males
<i>Lasiurus blossevillii</i> , western red bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		3 (1 female (p), 2 males)
<i>Myotis californicus</i> , California myotis		1 male
<i>Myotis velifer</i> , cave myotis		1 male
	Total species =	7
	Total individuals =	14

Site #5: One 30-foot mist net set in a V-formation over pool in creek, plus two 18-foot mist nets set in a V-formation about 200-feet downstream over pool in creek.

<i>Antrozous pallidus</i> , pallid bat	1 male (td)
<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	3 males
<i>Lasiurus cinereus</i> , hoary bat	2 (1 female (nr), 1 male)
<i>Myotis auriculus</i> , southwestern myotis	5 (3 females (2f, 1nr), 2 males)
<i>Myotis velifer</i> , cave myotis	1 female (nr)
<i>Pipistrellus hesperus</i> , western pipistrelle	5 males
Total species =	8
Total individuals =	21

Day 03: 30 May 2003: Start Time: 1930 End Time: 2230 Start Temp: 63.8 End Temp 61F.

Location #1 South Fork of Cave Creek Canyon.

Site #1 One large Austbat harp trap set upstream from the water crossing on road.

<i>Myotis auriculus</i> , southwestern myotis	2 males
<i>Myotis californicus</i> , California myotis	10 males
<i>Myotis ciliolabrum</i> , western small-footed myotis	1 male
<i>Myotis volans</i> , long-legged myotis	1 male
Total species =	4
Total individuals =	14

Site #2: One set of trip lines (11 lines) covering about ½ the water surface in the pool at the water crossing on road. Lines were set 8-inches apart and about 1-inch above the water surface.

<i>Eptesicus fuscus</i> , big brown bat	3 males
<i>Lasionycteris noctivagans</i> , silver-haired bat	3 males
Total species =	2
Total individuals =	6

Site #3: One large Austbat harp trap set just down stream from the water crossing on the road.

<i>Antrozous pallidus</i> , pallid bat	1 male
<i>Myotis californicus</i> , California myotis	7 males
<i>Myotis ciliolabrum</i> , western small-footed myotis	1 male
Total species =	3
Total individuals =	9

Site #4: One 18-foot mist net set over 4x10-foot pool in creek, just across from mile-marker 1

<i>Lasiurus cinereus</i> , hoary bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	4 (3 females (1p, 2nr), 1 male)
<i>Myotis californicus</i> , California myotis	2 males (1 mortality)
<i>Myotis ciliolabrum</i> , western small-footed myotis	1 female (nr)
<i>Pipistrellus hesperus</i> , western pipistrelle	5 (4 males, 1 unknown)
Total species =	5
Total individuals =	13

Site #5: One 18-foot mist net set over a 15x17-foot pool, one 18-foot mist net set over a 12x20-foot pool, one 42-foot mist net set in a pool, and one 18-foot mist net set with a 30-foot mist net set in a v-formation over pool.

<i>Antrozous pallidus</i> , pallid bat	1 male (td)
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	1 female (p)
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	1 female (p)
<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	3 females (1f, 2nr)
<i>Myotis californicus</i> , California myotis	4 males
<i>Myotis ciliolabrum</i> , western small-footed myotis	2 male
<i>Myotis thysanodes</i> , fringed myotis	1 female (f)
<i>Myotis volans</i> , long-legged myotis	2 females (1p, 2nr)
Total species =	11
Total individuals =	18

Day 04: 31 May 2003. Start Time: 1930 End Time:2230 Start Temp: 66.7F End Temp: 59F

Location #1: Meadow behind SWRS buildings near hummingbird feeders.

Site #1: Two 18-foot mist nets set in a V-formation around the hummingbird feeders

<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	4 females (3l, 1nr)
Total species	= 1
Total individuals	= 4

Location #2: Creek behind SWRS buildings.

Site #1: One 30-foot net and one 18-foot net set in a V-formation under footbridge. One 30-foot mist net set across creek upstream.

<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	1 female (p)
<i>Lasionycteris noctivagans</i> , silver-haired bat	3 males
<i>Lasiurus cinereus</i> , hoary bat	11 males
<i>Myotis auriculus</i> , southwestern myotis	1 female (nr)
<i>Myotis ciliolabrum</i> , western small-footed myotis	1 male
<i>Myotis velifer</i> , cave myotis	2 (1 female (nr) --deceased, 1 male)
Total species	= 6
Total individuals	= 19

Location #3: SWRS swimming pool.

Site #1: One 18-foot mist net, one 30-foot mist net, and two 42-foot mist nets set in a box configuration around the pool, with the 30-foot mist net set over the shallow end.

<i>Eptesicus fuscus</i> , big brown bat	1 male
<i>Lasiurus cinereus</i> , hoary bat	3 (2 males, 1 unknown)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	10 (1 female (nr), 9 male)
Total species	= 3
Total individuals	= 14

#### Summary of Capture Results — Session II: 28-31 May 2003

**Six large Austbat harp traps, two 8-foot, eighteen 18-foot, six 30-foot, and three 42-foot mist nets plus one trip line.**

**Total of 108 net-trap hours.**

<i>Antrozous pallidus</i> , pallid bat	6 (1 female (nr), 5 males)
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	8 females (4p, 3l, 1nr)
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	2 (1 female (p), 1 male)
<i>Eptesicus fuscus</i> , big brown bat	20 (1 female (p), 18 males, 1 unknown)
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	2 males
<i>Lasionycteris noctivagans</i> , silver-haired bat	16 males
<i>Lasiurus blossevillii</i> , western red bat	2 males
<i>Lasiurus cinereus</i> , hoary bat	21 (1 female (nr), 19 males, 1 unknown)
<i>Myotis auriculus</i> , southwestern myotis	34 (21 females (5p, 5l, 11nr), 13 males)
<i>Myotis californicus</i> , California myotis	45 (1 female (nr), 44 males)
<i>Myotis ciliolabrum</i> , western small-footed myotis	9 (1 female (nr), 8 males)
<i>Myotis thysanodes</i> , fringed myotis	2 (1 female (l), 1 male)
<i>Myotis velifer</i> , cave myotis	10 (7 females (nr), 2 males, 1 unknown)
<i>Myotis volans</i> , long-legged myotis	6 (3 females (2p, 1nr), 3 males)
<i>Pipistrellus hesperus</i> , western pipistrelle	22 (19 males, 3 unknown)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	48 (20 females (8p, 12 nr), 27 males, 1 unknown)
<b>Total species</b>	<b>= 16</b>
<b>Total individuals</b>	<b>= 253</b>

**Summary of Capture Results: 23 thru 31 May 2003**  
**Ten large Austbat harp traps, six 8-foot, thirty-four 18-foot, eight 30-foot, and eight 42-foot mist**  
**nets plus one set trip lines.**  
**(195.5 net/trap-hours total)**

<i>Antrozous pallidus</i> , pallid bat	10 (1 female (nr), 9 males)
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	14 females (9p, 3l, 2nr)
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat	5 (3 females (1p, 2nr), 2 males)
<i>Eptesicus fuscus</i> , big brown bat	34 (1 female (p), 32 males, 1 unknown)
<i>Idionycteris phyllotis</i> , Allen's lappet-browed bat	5 males
<i>Lasionycteris noctivagans</i> , silver-haired bat	24 males
<i>Lasiurus blossevillii</i> , western red bat	2 males
<i>Lasiurus cinereus</i> , hoary bat	48 (5 females (nr), 41 males, 2 unknown)
<i>Myotis auriculus</i> , southwestern myotis	58 (35 females (7p, 5l, 23nr), 23 males)
<i>Myotis californicus</i> , California myotis	82 (7 females (1p, 6nr), 73 males, 2 unknown)
<i>Myotis ciliolabrum</i> , western small-footed myotis	15 (1 female (nr), 14 males)
<i>Myotis thysanodes</i> , fringed myotis	10 (4 females (1l, 3nr), 6 males)
<i>Myotis velifer</i> , cave myotis	13 (7 females (nr), 5 males, 1 unknown)
<i>Myotis volans</i> , long-legged myotis	17 (4 females (3p, 1nr), 13 males)
<i>Pipistrellus hesperus</i> , western pipistrelle	32 (29 males, 3 unknown)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	61 (22 females (8p, 14 nr), 38 males, 1 unknown)
<b>Total species</b>	<b>= 16</b>
<b>Total individuals</b>	<b>= 430</b>

NOTES:

1. *Tadarida brasiliensis* were in residence at Statue Cave in South Fork. They arrived on the 21<sup>st</sup> of May and emerged in larger than normal numbers for the next four nights, before numbers dwindled to a steady population estimated at between 50-100K, through the night of 31 May.
2. Late flying flocks of pregnant female *Tadarida brasiliensis* were intercepted in Cave Creek via harp trap on 28 May after 2230 hours, when 12 were caught in 2 separate traps.
3. Record numbers of *Choeronycteris mexicana* were caught, largely because AZG&F personnel at the workshop had permits to trap at hummingbird feeders.
4. Near record numbers of *Lasionycteris noctivagans* were caught.
5. Fewer individuals in total were captured largely because they were not as highly concentrated at remaining water sources as the creek continued to contain large stretches of water and pools throughout the workshop. Plus, conditions in the canyon during Memorial Day weekend were quite busy, and there was much wood smoke from campfires which could have depressed insect and bat activity during the main netting nights of the first session.
6. The "water-for-wildlife" tank at Silver Creek has ceased to hold water, possibly due to a plugged intake hose. Maintenance will be required to clear out the hose and dredge the bottom of the tank in order to restore this resource. The USFS, Douglas RD has been notified of this condition.

Please direct all inquiries about this information to:

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