

**1996 BCI Bat Conservation and Management Workshop
Portal, AZ**

Capture Data

J.Tyburec/BCI

Session I

Day 01: 02 June 1996; 1915--2230 (Start Temp: 78~F, End Temp: 68~F)
 Location A: Idlewilde Campground, just upstream from last campsite along creek
 Site #1: One 18' mist net across 8' wide and 18' long pool in creek bordered by willows but open above.
 (Net was closed for 45 minutes mid-way thru session.)

<i>Eptesicus fuscus</i> , big brown bat		8 (7 males, 1 unk)
<i>Lasiurus blossevillii</i> , desert red bat		1 female (nr)
<i>Myotis auriculus</i> , southwestern myotis		4 (3 females (1p, 2nr), 1 male)
<i>Myotis californicus</i> , California myotis		3 (1 female (nr), 2 males)
<i>Myotis thysanodes</i> , fringed myotis		1 female (nr)
<i>Myotis velifer</i> , cave myotis		2 males
<i>Myotis volans</i> , long-legged myotis		9 (1 female (nr), 7 males, 1 unk)
<i>Pipistrellus hesperus</i> , western pipistrelle		1 unk
	Total species	= 8
	Total individuals	= 29

Site #2: One 18' mist net across 6' wide and 20' long pool in creek.

<i>Antrozous pallidus</i> , pallid bat		1 male
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat		1 female (p)
<i>Eptesicus fuscus</i> , big brown bat		9 males
<i>Idionycteris phyllotis</i> , lappet-browed bat		4 (3 males, 1unk)
<i>Lasiurus blossevillii</i> , desert red bat		1 male
<i>Lasiurus blossevillii</i> , desert red bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		5 (4 females (p), 1 male)
<i>Myotis californicus</i> , California myotis		3 males
<i>Myotis thysanodes</i> , fringed myotis		3 (1 female (nr), 2 males)
<i>Myotis volans</i> , long-legged myotis		22 (4 females (1p, 3nr), 18 males)
<i>Pipistrellus hesperus</i> , western pipistrelle		4 males
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		1 male
	Total species	= 12
	Total individuals	= 58

Site #3: One 18' mist net over shallow pool in stream.

<i>Eptesicus fuscus</i> , big brown bat		13 (2 females (nr), 11 males)
<i>Lasiurus blossevillii</i> , desert red bat		2 males
<i>Myotis auriculus</i> , southwestern myotis		3 males
<i>Myotis californicus</i> , California myotis		3 males
<i>Myotis thysanodes</i> , fringed myotis		4 (1 female (p), 3 males)
<i>Myotis velifer</i> , cave myotis		10 (8 females (5p, 2l, 1nr), 2 males)
<i>Myotis volans</i> , long-legged myotis		5 (1 female (p), 4 males)
	Total species	= 8
	Total individuals	= 41
	Grand Total Species	= 13
	Grand Total Individuals	= 128

p = pregnant, l = lactating, pl = post-lactating, nr = non-reproductive, unk = unknown
 (see attached map for "Location" codes)

Day 02: 03 June 1996; 1915--2200 (Start Temp: 72~F, End Temp: 64~F)
 Location **B**: About 1/4 mile upstream from Stewart Bridge along creek with few small still pools.
 Site #1: One large trap along shallow rocky stretch of water where vegetation constricts flyway. (Trap up from 1915 to 2115 only)

<i>Eptesicus fuscus</i> , big brown bat	5 males
<i>Lasionycteris noctivagans</i> , silver-haired bat	1 male
<i>Lasiurus blossevillii</i> , desert red bat	1 female (l)
<i>Lasiurus cinereus</i> , hoary bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	10 females (8p, 1l, 1nr)
<i>Myotis californicus</i> , California myotis	33 (14 female (9p, 5nr), 19 males)
<i>Myotis ciliolabrum</i> , small-footed myotis	8 (2 female (nr), 6 males)
<i>Myotis thysanodes</i> , fringed myotis	1 male
<i>Myotis velifer</i> , cave myotis	3 males
<i>Myotis volans</i> , long-legged myotis	11 (4 females (2p, 2nr), 7 males)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	1 male
Total species	= 11
Total individuals	= 75

Site #2: One 18-foot net over 12x6' pool and stream bed 30 yards down from Site #1 in open vegetation.

<i>Eptesicus fuscus</i> , big brown bat	4 males
<i>Lasionycteris noctivagans</i> , silver-haired bat	1 male
<i>Lasiurus cinereus</i> , hoary bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	9 (3 females (2p, 1nr), 6 males)
<i>Myotis californicus</i> , California myotis	8 (4 females (nr), 4 males)
<i>Myotis ciliolabrum</i> , small-footed myotis	1 male
<i>Myotis velifer</i> , cave myotis	2 females (nr)
<i>Myotis volans</i> , long-legged myotis	5 males
<i>Pipistrellus hesperus</i> , western pipistrelle	3 males
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	4 males
Total species	= 10
Total individuals	= 38

Site #3: One 30-foot mist net over 20x5 foot pool and stream bed about 75 yards down stream from Site #2 in relatively open vegetation.

<i>Antrozous pallidus</i> , pallid bat	1 male
<i>Eptesicus fuscus</i> , big brown bat	7 males
<i>Lasiurus cinereus</i> , hoary bat	2 males
<i>Myotis auriculus</i> , southwestern myotis	8 (6 females (5p, 1nr), 2 males)
<i>Myotis californicus</i> , California myotis	1 female (nr)
<i>Myotis thysanodes</i> , fringed myotis	1 female (nr)
<i>Myotis volans</i> , long-legged myotis	7 (3 females (nr), 4 males)
<i>Nyctinomops macrotis</i> , big free-tailed bat	3 (2 females (p), 1 unk)
<i>Pipistrellus hesperus</i> , western pipistrelle	6 (5 males, 1 unk)
<i>Plecotus townsendii</i> , Townsend's big-eared bat	1 male
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	4 (3 females (p), 1 male)
Total species	= 11
Total individuals	= 41

Site #4: One 30-foot mist net and one 8-foot mist net over two small separate pools (8x10 foot and 10x30 foot respectively) about 60 yards downstream from Site #3.

<i>Choeronycteris mexicana</i> , Mexican long-tongued bat	1 female (l)
<i>Eptesicus fuscus</i> , big brown bat	11 males
<i>Lasionycteris noctivagans</i> , silver-haired bat	1 male
<i>Lasiurus blossevillii</i> , desert red bat	1 male
<i>Lasiurus cinereus</i> , hoary bat	3 males
<i>Myotis auriculus</i> , southwestern myotis	4 females (p)
<i>Myotis californicus</i> , California myotis	9 (2 females (nr), 6 males, 1 unk)
<i>Myotis ciliolabrum</i> , small-footed myotis	3 (1 female (p), 2 males)
<i>Myotis velifer</i> , cave myotis	2 males
<i>Myotis volans</i> , long-legged myotis	2 males
<i>Pipistrellus hesperus</i> , western pipistrelle	40 males
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	1 male
Total species	= 12
Total individuals	= 78
Grand Total Species	= 16
Grand Total Individuals	= 232

Day 03: 04 June 1996; 1900--2230 (Start Temp: 88°F, End Temp: 69°F)
 Location **C**: Swimming pool at Southwestern Research Station, Portal AZ.
 Site #1: One Large trap, one 8-foot net and two 42-foot nets ringing pool on three sides.

<i>Eptesicus fuscus</i> , big brown bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	1 female (nr)
<i>Nyctinomops macrotis</i> , big free-tailed bat	8 females (3p, 5nr)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	76 (7 females (3p, 4nr), 69 males)
Total species	= 4
Total individuals	= 86

Location **D**: West of SWRS on road up to Herb Martyr Dam about ½ mile from station.
 (Start Temp: 76F, End Temp 69F)

Site #1: One 18-foot mist net along creek. (USFS Lease)

<i>Eptesicus fuscus</i> , big brown bat	1 unk
<i>Myotis auriculus</i> , southwestern myotis	2 females (p)
<i>Myotis californicus</i> , California myotis	1 female (nr)
<i>Myotis volans</i> , long-legged myotis	1 unknown
<i>Plecotus townsendii</i> , Townsend's big-eared bat	1 female (p)
Total species	= 5
Total individuals	= 6

Site #2: West of SWRS on road up to Herb Martyr Dam about ½ mile from station. One 18-foot mist net along creek under bridge to USFS lease residence.

<i>Antrozous pallidus</i> , pallid bat	1 male
<i>Lasionycteris noctivagans</i> , silver-haired bat	1 male
<i>Lasiurus blossevillii</i> , desert red bat	1 female (nr)
<i>Myotis auriculus</i> , southwestern myotis	6 females (4p, 2nr)
<i>Myotis volans</i> , long-legged myotis	1 male
Total species	= 5
Total individuals	= 10
Grand Total Species	= 10
Grand Total Individuals	= 102

Day 04: 05 June, 1996 -- 19:30 thru 21:30 (Start Temp: 78°F, End Temp: 72°F)
 Location **E**: Cave Creek, Portal AZ, across from grassy field mid way between Sunny Flat Campground and SWRS.

Site #1: One 18-foot net over 25x4' pool in stream.

<i>Lasiurus cinereus</i> , hoary bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	1 female (nr)
<i>Myotis volans</i> , long-legged myotis	1 male
<i>Pipistrellus hesperus</i> , western pipistrelle	4 males
Total species	= 4
Total individuals	= 7

Site #2: One 18-foot mist net over a 20x4' shallow pool in stream with overhanging vegetation

<i>Eptesicus fuscus</i> , big brown bat	2 males
<i>Lasiurus cinereus</i> , hoary bat	2 males
<i>Myotis auriculus</i> , southwestern myotis	1 male
<i>Myotis californicus</i> , California myotis	2 (1 female (nr), 1 male)
<i>Myotis volans</i> , long-legged myotis	1 male
Total species	= 5
Total individuals	= 8

Site #3: One 18-foot mist net over deep 20x6' pool in stream near overhanging vegetation.

<i>Eptesicus fuscus</i> , big brown bat	4 males
<i>Idionycteris phyllotis</i> , lappet-browed bat	2 males
<i>Lasionycteris noctivagans</i> , silver-haired bat	1 male
<i>Myotis auriculus</i> , southwestern myotis	5 (3 females (2p, 1nr), 2 males)
<i>Myotis californicus</i> , California myotis	4 (2 females (1p, 1nr), 2 males)
<i>Myotis ciliolabrum</i> , small-footed myotis	1 male
<i>Myotis volans</i> , long-legged myotis	2 (1 female (nr), 1 male)
<i>Pipistrellus hesperus</i> , western pipistrelle	10 males
<i>Plecotus townsendii</i> , Townsend's big-eared bat	2 females (p)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat	1 female (p)
Total species	= 10
Total individuals	= 32

Location **F**: Cloudt's Cattle Tank on Paradise Road about 1 mile from junction with Portal Road and Cave

Creek Canyon Road in lowland desert scrub habitat.

(Start Temp: 80~F, End Temp: 71~F)

Site #1: Two 42-foot mist nets, end to end, over center of 80x80' earthen tank.

<i>Antrozous pallidus</i> , pallid bat		4 males
<i>Eptesicus fuscus</i> , big brown bat		7 males
<i>Idionycteris phyllotis</i> , lappet-browed bat		1 male
<i>Lasiurus blossevillii</i> , desert red bat		1 female (p)
<i>Myotis californicus</i> , California myotis		1 male
<i>Myotis ciliolabrum</i> , small-footed myotis		1 male
<i>Myotis velifer</i> , cave myotis		1 female (nr)
<i>Myotis volans</i> , long-legged myotis		2 (1 female (nr), 1 male)
<i>Nyctinomops macrotis</i> , big free-tailed bat		4 female (3p, 1nr)
<i>Pipistrellus hesperus</i> , western pipistrelle		9 (1 female (p), 8 male)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		16 (8 females (7p, 1nr), 8 males)
Total species	=	11
Total individuals	=	47

Location G: Silver creek drainage near old cattle tank site in need of repair half way between Portal and Paradise in a small riparian area in upland desert scrub and agave habitat.

(Start Temp: 80~F, End Temp: 76~F)

Site #1: One Large Tuttle Trap over small shallow spot in stream with encroaching vegetation.

<i>Antrozous pallidus</i> , pallid bat		1 male
<i>Lasiurus blossevillii</i> , desert red bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		1 female (nr)
<i>Myotis californicus</i> , California myotis		10 (4 females (3p, 1nr), 6 males)
<i>Myotis ciliolabrum</i> , small-footed myotis		19 (4 females (p), 15 males)
<i>Myotis velifer</i> , cave myotis		1 female (p)
<i>Myotis volans</i> , long-legged myotis		2 females (1p, 1nr)
<i>Pipistrellus hesperus</i> , western pipistrelle		3 males
Total species	=	8
Total individuals	=	38

Site #2: One 8-foot mist net and one 18-foot mist net over very shallow sections of stream 20 yards apart.

<i>Eptesicus fuscus</i> , big brown bat		2 (1 female (p), 1 male)
<i>Myotis auriculus</i> , southwestern myotis		2 males
<i>Myotis californicus</i> , California myotis		2 females (1p, 1nr)
<i>Myotis ciliolabrum</i> , small-footed myotis		5 (2 females (p), 3 males)
<i>Myotis thysanodes</i> , fringed myotis		5 (2 females (p), 3 males)
<i>Myotis volans</i> , long-legged myotis		1 male
<i>Pipistrellus hesperus</i> , western pipistrelle		4 (3 females (p), 1 male)
Total species	=	7
Total individuals	=	21
Grand Total Species	=	16
Grand Total Individuals	=	153

Summary of Capture Results: Session I -- June 1 thru June 6, 1996

Four 42-foot nets, two 30-foot nets, ten 18-foot nets, three 8-foot nets, and three large traps
(59.0 Total Net-Trap Hours)

<i>Antrozous pallidus</i> , pallid bat		8 males
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat		2 females (1p, 1l)
<i>Eptesicus fuscus</i> , big brown bat		74 (3 females (1p, 2nr), 69 males, 2 unk)
<i>Idionycteris phyllotis</i> , lappet-browed bat		7 (6 males, 1 unk)
<i>Lasiurus noctivagans</i> , silver-haired bat		10 males
<i>Lasiurus blossevillii</i> , desert red bat		9 (4 females (1p, 1l, 2nr), 5 males)
<i>Lasiurus cinereus</i> , hoary bat		10 males
<i>Myotis auriculus</i> , southwestern myotis		62 (44 females (32p, 1l, 11nr), 18 males)
<i>Myotis californicus</i> , California myotis		80 (32 females (14p, 18nr), 47 males, 1 unk)
<i>Myotis ciliolabrum</i> , small-footed myotis		38 (9 females (7p, 2nr), 29 males)
<i>Myotis thysanodes</i> , fringed myotis		15 (6 females (3p, 3nr), 9 males)
<i>Myotis velifer</i> , cave myotis		21 (12 females (6p, 2l, 4nr), 9 males)
<i>Myotis volans</i> , long-legged myotis		72 (17 females (5p, 12nr), 53 males, 2 unk)
<i>Nyctinomops macrotis</i> , big free-tailed bat		15 (14 females (8p, 6nr), 1unk)
<i>Pipistrellus hesperus</i> , western pipistrelle		84 (4 females (p), 78 males, 2 unk)
<i>Plecotus townsendii</i> , Townsend's big-eared bat		4 (3 females (p), 1 male)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		104 (19 females (14p, 5nr), 85 males)
Total species	=	17
Total individuals	=	615

Session II

Day 01: 08 June 1996; 1915--2145 (Start Temp: 78~F, End Temp: 68~F)
 Location A: Idlewilde Campground, just upstream from last campsite along creek
 Site #1: One 18-foot mist net across deep pool about 20x6' with a large rock along one side

<i>Eptesicus fuscus</i> , big brown bat		5 (1 female (p), 4 males)
<i>Lasiurus cinereus</i> , hoary bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		3 (1 female (p), 2 males)
<i>Myotis californicus</i> , California myotis		2 males
<i>Myotis volans</i> , long-legged myotis		10 (5 females (2p, 3nr), 5 males)
<i>Pipistrellus hesperus</i> , western pipistrelle		5 males
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		1 male
	Total species	= 7
	Total individuals	= 27

Site #2: One 18-foot mist net across deep pools about 10x10'

<i>Eptesicus fuscus</i> , big brown bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		3 (2 female (p), 1 male)
<i>Myotis californicus</i> , California myotis		1 male
<i>Myotis volans</i> , long-legged myotis		7 (2 females (p), 5 males)
	Total species	= 4
	Total individuals	= 12

Site #3: One 18-foot mist net across shallow pool in stream about 20x6'

<i>Eptesicus fuscus</i> , big brown bat		8 (1 female (p), 7 males)
<i>Lasionycteris noctivagans</i> , silver-haired bat		1 male
<i>Lasiurus blossevillii</i> , desert red bat		2 females (p)
<i>Lasiurus cinereus</i> , hoary bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		6 (5 females (p), 1 male)
<i>Myotis californicus</i> , California myotis		4 (2 females (nr), 2 males)
<i>Myotis thysanodes</i> , fringed myotis		5 (2 females (p), 3 males)
<i>Myotis volans</i> , long-legged myotis		9 (3 females (nr), 6 males)
<i>Pipistrellus hesperus</i> , western pipistrelle		6 males
<i>Plecotus townsendii</i> , Townsend's big-eared bat		1 female (p)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		1 female (p)
	Total species	= 11
	Total individuals	= 44
	Grand Total Species	= 11
	Grand Total Individuals	= 83

Day 02: 09 June 1996 -- 1917 thru 2117 (Start Temp: 85~F, End Temp: 75~F)
 Location B: ½ mile upstream from Stewart Bridge along Cave Creek
 Site #1: One large trap over very small amount of water with encroaching vegetation.
 (Trap up from 1930 thru 2115 only)

<i>Eptesicus fuscus</i> , big brown bat		3 males
<i>Lasiurus blossevillii</i> , desert red bat		1 female (p)
<i>Myotis auriculus</i> , southwestern myotis		12 (8 females (p), 4 males)
<i>Myotis californicus</i> , California myotis		21 (7 females (4p, 3 nr), 14 males)
<i>Myotis ciliolabrum</i> , small-footed myotis		8 (3 females (2p, 1nr), 5 males)
<i>Myotis thysanodes</i> , fringed myotis		8 (3 females (p), 5 males)
<i>Myotis velifer</i> , cave myotis		2 males
<i>Myotis volans</i> , long-legged myotis		11 (2 females (p), 9 males)
<i>Pipistrellus hesperus</i> , western pipistrelle		7 males
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		3 (1 female (p), 2 males)
	Total species	= 10
	Total individuals	= 76

Site #2: One 18-foot mist net just down stream from trap site over a 8x25' pool.

<i>Lasiurus blossevillii</i> , desert red bat		1 female (nr)
<i>Myotis auriculus</i> , southwestern myotis		8 (7 females (1p, 6nr), 1 male)
<i>Myotis volans</i> , long-legged myotis		1 female (nr)
<i>Pipistrellus hesperus</i> , western pipistrelle		9 (1 female (nr), 8 males)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		2 (1 female (nr), 1 male)
	Total species	= 5
	Total individuals	= 21

Site #3: One 18-foot mist net over 40x5' pool in stream.

<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 (1 female (nr), 2 males)
<i>Myotis californicus</i> , California myotis		4 (2 females (p), 2 males)
<i>Myotis ciliolabrum</i> , small-footed myotis		2 males
<i>Myotis thysanodes</i> , fringed myotis		3 males
<i>Myotis volans</i> , long-legged myotis		5 males
<i>Pipistrellus hesperus</i> , western pipistrelle		18 males
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		5 (2 females (nr), 3 males)
Total species	=	9
Total individuals	=	42

Site #4: One 8-foot net over small deep pool.

<i>Myotis volans</i> , long-legged myotis		1 male
<i>Pipistrellus hesperus</i> , western pipistrelle		4 males
<i>Plecotus townsendii</i> , Townsend's big-eared bat		1 male
Total species	=	3
Total individuals	=	6

Site #5: One 18-foot net over small pool in stream

<i>Eptesicus fuscus</i> , big brown bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		3 females (1p, 2nr)
<i>Myotis californicus</i> , California myotis		1 female (nr)
<i>Myotis volans</i> , long-legged myotis		3 (1 female (nr), 2 males)
<i>Pipistrellus hesperus</i> , western pipistrelle		23 (1 female (nr), 22 males)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		3 males
Total species	=	6
Total individuals	=	34
Grand Total Species	=	12
Grand Total Individuals	=	179

Day 03: 10 June 1996, 1931--2230
(Start Temp: 77~F, Stop Temp: 73~F)

Location **C**: Southwestern Research Station swimming pool.

Site #1: Two 42-foot mist nets, one 30-foot mist net, one 8-foot mist net, and one large trap.

<i>Myotis volans</i> , long-legged myotis		1 male
<i>Nyctinomops femorosaccus</i> , pocketed free-tail bat		1 female (nr)
<i>Nyctinomops macrotis</i> , big free-tailed bat		11 (8 females (nr), 3 males)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		81 (31 females (nr), 50 males)
Total species	=	4
Total individuals	=	94

Location **H**: Cave Creek half way between SWRS and Sunny Flat Campground (at two-trunked sycamore tree and 5-trunked tree hanging over road). Nets up from 1930 thru 2200
(Start Temp: 80~F, End Temp 77~F)

Site #1: One 18-foot mist net over 20-foot long pond.

<i>Eptesicus fuscus</i> , big brown bat		2 males
<i>Idionycteris phyllotis</i> , lappet-browed bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		1 female (p)
<i>Pipistrellus hesperus</i> , western pipistrelle		6 males
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		3 (1 female (p), 2 males)
Total species	=	5
Total individuals	=	13

Site #2: One 18-foot mist net across 12x40' pool in stream.

<i>Eptesicus fuscus</i> , big brown bat		3 males
<i>Myotis auriculus</i> , southwestern myotis		1 female (p)
<i>Pipistrellus hesperus</i> , western pipistrelle		1 female (p)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		10 (8 females (2p, 6 nr), 2 males)
Total species	=	4
Total individuals	=	15

Location I :	Downstream from Idlewilde campground along dry section of creek. Nets up from 1930 thru 2200 (Start Temp: 80~F, End Temp: 77~F)		
Site #1:	One 30-foot net over dry stream bed beneath low branch with much close confusing vegetation.		
	<i>Eptesicus fuscus</i> , big brown bat		3 males
	<i>Idionycteris phyllotis</i> , lappet-browed bat		1 male
	<i>Myotis auriculus</i> , southwestern myotis		1 male
	<i>Myotis californicus</i> , California myotis		5 (1 female (p), 4 males)
	<i>Myotis thysanodes</i> , fringed myotis		1 male
	<i>Pipistrellus hesperus</i> , western pipistrelle		2 males
	Total species	=	6
	Total individuals	=	13
Site #2:	One 42-foot net 200 yards down stream from nearest water across dry stream bed.		
	<i>Antrozous pallidus</i> , pallid bat		1 male
	<i>Choeronycteris mexicana</i> , Mexican long-tongued bat		1 female (p)
	<i>Myotis auriculus</i> , southwestern myotis		1 female
	Total species	=	3
	Total individuals	=	3
Site #3:	One 18-foot net between willows and narrows on bottleneck along dry stream bed.		
	<i>Eptesicus fuscus</i> , big brown bat		1 male
	<i>Plecotus townsendii</i> , Townsend's big-eared bat		3 (2 female (nr), 1 unk)
	<i>Myotis californicus</i> , southwestern myotis		1 female (p)
	<i>Myotis volans</i> , long-legged myotis		2 male
	<i>Pipistrellus hesperus</i> , western pipistrelle		1 male
	Total species	=	5
	Total individuals	=	8
	Grand Total Species	=	13
	Grand Total Individuals	=	146

Summary of Capture Results: Session II -- June 6 thru June 11, 1996
Four 42-foot nets, two 30-foot nets, nine 18-foot nets, two 8-foot nets, and two large traps
(Total 44.5 Net-Trap Hours)

	<i>Antrozous pallidus</i> , pallid bat		1 male
	<i>Choeronycteris mexicana</i> , Mexican long-tongued bat		1 female (p)
	<i>Eptesicus fuscus</i> , big brown bat		28 (2 females (p), 26 males)
	<i>Idionycteris phyllotis</i> , lappet-browed bat		2 males
	<i>Lasionycteris noctivagans</i> , silver-haired bat		2 males
	<i>Lasiurus blossevillii</i> , desert red bat		4 females (3p, 1nr)
	<i>Lasiurus cinereus</i> , hoary bat		2 males
	<i>Myotis auriculus</i> , southwestern myotis		42 (30 females (20p, 10nr), 12 males)
	<i>Myotis californicus</i> , California myotis		39 (14 females (8p, 6nr), 25 males)
	<i>Myotis ciliolabrum</i> , small-footed myotis		10 (3 females (2p, 1nr), 7 males)
	<i>Myotis thysanodes</i> , fringed myotis		17 (5 females (p), 12 males)
	<i>Myotis velifer</i> , cave myotis		2 males
	<i>Myotis volans</i> , long-legged myotis		50 (14 females (6p, 8nr), 36 males)
	<i>Nyctinomops femorosaccus</i> , pocketed free-tail bat		1 female (nr)
	<i>Nyctinomops macrotis</i> , big free-tailed bat		11 (8 females (nr), 3 males)
	<i>Pipistrellus hesperus</i> , western pipistrelle		82 (3 females (1p, 2nr), 79 males)
	<i>Plecotus townsendii</i> , Townsend's big-eared bat		5 (3 females (1p, 2nr), 1 male, 1 unk)
	<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		109 (45 females (5p, 40nr), 64 males)
	Total species	=	18
	Total individuals	=	408

Session III

Day 01:	12 June 1996 -- 1930-2145 (Start Temp: 76~F, End Temp 74~F)		
Location A :	Idlewilde Campground, Cave Creek Canyon, Coronado National Forest Portal, Arizona'		
Site #1:	One 18-foot net over 25x10' pool beside large rock with overhanging vegetation.		
	<i>Eptesicus fuscus</i> , big brown bat		2 males
	<i>Lasiurus blossevillii</i> , desert red bat		2 females (1pl, 1nr)
	<i>Myotis auriculus</i> , southwestern myotis		7 (6 females (2p, 1l, 1pl, 2nr), 1 male)
	<i>Myotis californicus</i> , California myotis		8 (3 females (p), 5 males)
	<i>Myotis thysanodes</i> , fringed myotis		1 male
	<i>Myotis volans</i> , long-legged myotis		2 (1 female (nr), 1 male)
	<i>Pipistrellus hesperus</i> , western pipistrelle		3 males
	<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		6 (4 females (1p, 3 nr), 2 males)
	Total species	=	8
	Total individuals	=	31

Site #2: One 18-foot net over 12x12' pool amid foliage.

<i>Antrozous pallidus</i> , pallid bat		1 male
<i>Myotis auriculus</i> , southwestern myotis		3 males
<i>Myotis californicus</i> , California myotis		4 males
<i>Myotis thysanodes</i> , fringed myotis		1 male
<i>Myotis volans</i> , long-legged myotis		2 (1 female (nr), 1 male)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		1 male
Total species	=	6
Total individuals	=	12

Site #3: One 18-foot net over a very shallow, narrow 2x8' pool in stream.

<i>Myotis auriculus</i> , southwestern myotis		5 (3 females (1p, 2nr), 2 males)
<i>Myotis californicus</i> , California myotis		4 (3 females (nr), 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		4 (1 female (nr), 3 males)
<i>Pipistrellus hesperus</i> , western pipistrelle		2 males
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		1 female (nr)
Total species	=	7
Total individuals	=	18

Site #4: One 18-foot net over dry stream bed with overhanging juniper vegetation.

<i>Myotis auriculus</i> , southwestern myotis		2 females (1p, 1nr)
<i>Myotis ciliolabrum</i> , small-footed myotis		1 male
<i>Myotis thysanodes</i> , fringed myotis		2 males
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		4 (2 females (nr), 2 males)
Total species	=	4
Total individuals	=	9

Site #5: One 18-foot net over dry stream bed with encroaching, overhanging, and confusing vegetation.

<i>Myotis auriculus</i> , southwestern myotis		1 female (nr)
<i>Myotis ciliolabrum</i> , small-footed myotis		1 male
<i>Myotis thysanodes</i> , fringed myotis		2 males
<i>Myotis volans</i> , long-legged myotis		1 female (p)
<i>Plecotus townsendii</i> , Townsend's big-eared bat		1 female (nr)
Total species	=	5
Total individuals	=	6
Grand Total Species	=	11
Grand Total Individuals	=	76

Day 02: 13 June 1996, 1920--2200 (Start Temp: 59~F End Temp: 56~F)

Location **J**: Under Cazier's Bridge at Cave Creek Canyon Road just down stream from SWRS

Site #1: One 18-foot mist net stretched top to bottom, end to end, directly under center of bridge over 10-foot of still water.

<i>Myotis auriculus</i> , southwestern myotis		2 males
<i>Myotis californicus</i> , California myotis		2 males
<i>Myotis velifer</i> , cave myotis		1 male
<i>Pipistrellus hesperus</i> , western pipistrelle		1 male
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		1 female (nr)
Total species	=	5
Total individuals	=	7

Location **K**: South Fork of Cave Creek Canyon along dry stream bed

Site #1: One 30-foot mist net across dry stream bed upstream from water over road.

<i>Myotis californicus</i> , California myotis		5 (1 female (nr), 4 males)
<i>Pipistrellus hesperus</i> , western pipistrelle		1 male
Total species	=	2
Total individuals	=	6

Site #2: One 18-foot mist net across dry stream bed.

<i>Myotis californicus</i> , California myotis		1 male
Total species	=	1
Total individuals	=	1

Site #3: One 18-foot mist net across dry stream bed.

<i>Myotis thysanodes</i> , fringed myotis		1 male
<i>Myotis volans</i> , long-legged myotis		1 male
<i>Pipistrellus hesperus</i> , western pipistrelle		2 males
Total species	=	3
Total individuals	=	4

Site #4: One 18-foot net over dry stream bed down stream from road crossing.

<i>Antrozous pallidus</i> , pallid bat		1 male
Total species	=	1
Total individuals	=	1
Grand Total Species	=	8
Grand Total Individuals	=	19

Day 03: 14 June 1996, 1920--2220 (Start Temp: 63~F, End Temp: 60~F)

Location **H**: Upstream from Sunny Flats along cave creek just across from double trunked sycamore over road.

Site #1: Two 18-foot nets over long shallow pool about 6-feet wide and 30 feet long.

<i>Myotis auriculus</i> , southwestern myotis		1 female (nr)
<i>Myotis californicus</i> , California myotis		2 males
<i>Pipistrellus hesperus</i> , western pipistrelle		4 males
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		2 males
Total species	=	4
Total individuals	=	9

Site #2: One 18-foot net over very deep pool across from large pink rock.

<i>Antrozous pallidus</i> , pallid bat		1 male
<i>Eptesicus fuscus</i> , big brown bat		1 male
<i>Myotis californicus</i> , California myotis		2 (1 female (nr), 1 male)
<i>Pipistrellus hesperus</i> , western pipistrelle		3 (1 female (nr), 2 males)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		3 (1 female (nr), 2 males)
Total species	=	5
Total individuals	=	10

Site #3: One large trap downstream from Site #2, over small bit of water among constricting vegetation.

<i>Myotis californicus</i> , California myotis		6 (1 female (p), 5 males)
<i>Pipistrellus hesperus</i> , western pipistrelle		1 male
Total species	=	2
Total individuals	=	7

Site #4: Two 18-foot nets, one over dry stream bed, one over small pool and remaining stream bed.

<i>Myotis californicus</i> , California myotis		2 males
<i>Myotis volans</i> , long-legged myotis		1 male
<i>Pipistrellus hesperus</i> , western pipistrelle		4 males
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		16 (13 females (nr), 3 males)
Total species	=	4
Total individuals	=	23
Grand Total Species	=	7
Grand Total Individuals	=	49

Day 04: 15 June 1996, 1900--2245

Location **F**: Cess Pool Cattle Tank (Cloudt's tank 1/4 mile up along road to Paradise)

Site #1: Two 42-foot nets end to end across center of 80x80' earthen tank.

(Start Temp: 76~F, End Temp: 65~F)

<i>Eptesicus fuscus</i> , big brown bat		18 males
<i>Lasiurus noctivagans</i> , silver-haired bat		1 male
<i>Lasiurus cinereus</i> , hoary bat		2 males
<i>Myotis auriculus</i> , southwestern myotis		1 female (nr)
<i>Myotis californicus</i> , California myotis		2 (1 female (p), 1 male)
<i>Myotis thysanodes</i> , fringed myotis		1 male
<i>Myotis volans</i> , long-legged myotis		2 (1 female (nr), 1 male)
<i>Pipistrellus hesperus</i> , western pipistrelle		10 (1 female (p), 9 males)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		23 (18 females (3p, 10 nr), 10 males)
Total species	=	9
Total individuals	=	60

Location **G**: Silver Creek ½ way between Portal and Paradise along road (Start Temp: 78~F, End Temp: 65~F)

Site #1: One 18-foot mist net across 5x3' pool in stream. (First water available in stream.)

<i>Eptesicus fuscus</i> , big brown bat		1 female (nr)
<i>Lasiurus cinereus</i> , hoary bat		1 male
<i>Leptonycteris curasoae</i> , lesser long-nosed bat		6 males
<i>Myotis auriculatus</i> , southwestern myotis		1 female (nr)
<i>Myotis californicus</i> , California myotis		5 (4 females (2p, 2nr), 1 male)
<i>Myotis thysanodes</i> , fringed myotis		1 male
<i>Myotis volans</i> , long-legged myotis		2 (1 female (nr), 1 male)
<i>Pipistrellus hesperus</i> , western pipistrelle		1 male
Total species	=	8
Total individuals	=	18

Site #2: One 18-foot mist net across narrow, shallow stream just down stream from Site #1.

<i>Eptesicus fuscus</i> , big brown bat		1 male
<i>Lasiurus cinereus</i> , hoary bat		1 male
<i>Myotis californicus</i> , California myotis		2 (1 female (nr), 1 male)
<i>Myotis thysanodes</i> , fringed myotis		2 males
<i>Pipistrellus hesperus</i> , western pipistrelle		4 (2 females (p), 2 males)
Total species	=	5
Total individuals	=	10

Site #3: 8-foot net across narrow, shallow stream with encroaching vegetation downstream from Site #2.

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

Site #4: One large trap about 50-yards down stream from Site #3 over shallow narrow pool between encroaching vegetation.

<i>Lasionycteris noctivagans</i> , silver-haired bat		1 male
<i>Myotis californicus</i> , California myotis		5 (3 females (1p, 2nr), 2 males)
<i>Myotis ciliolabrum</i> , small-footed myotis		3 (1 female (nr), 2 males)
<i>Myotis thysanodes</i> , fringed myotis		1 male
<i>Myotis volans</i> , long-legged myotis		4 males
<i>Pipistrellus hesperus</i> , western pipistrelle		2 males
Total species	=	6
Total individuals	=	16

Site #5: One 18-foot net along curve in stream over shallow narrow water. (Last water available in stream.)

<i>Eptesicus fuscus</i> , big brown bat		1 male
<i>Leptonycteris curasoae</i> , lesser long-nosed bat		1 male
Total species	=	2
Total individuals	=	2

Location **L**: Small rectangular concrete cattle tanks about 1½ x 20' off Round Mountain Road about half way between Portal and San Simon Road in desert scrub habitat. (Start Temp: 78~F, End Temp 73~F)

Site #1: One 42-foot mist net over 2 long narrow cattle tanks about 1x6 each.

<i>Antrozous pallidus</i> , pallid bat		2 female (l)
<i>Myotis californicus</i> , California myotis		2 females (1nr, 1l)
<i>Myotis thysanodes</i> , fringed myotis		1 male
Total species	=	3
Total individuals	=	5

Location **M**: Small round metal cattle tank about 3' in diameter off Round Mountain Road about halfway between Portal and the San Simon Road (just up the road from Location L) in desert scrub habitat.

Site #1: One 30-foot mist net over a small raised tank about 4' in diameter.

<i>Antrozous pallidus</i> , pallid bat		2 females (p)
<i>Myotis californicus</i> , California myotis		1 female (p)
<i>Myotis thysanodes</i> , fringed myotis		1 female (p)
<i>Pipistrellus hesperus</i> , western pipistrelle		2 females (1p, 1l)
<i>Plecotus townsendii</i> , Townsend's big-eared bat		3 (2 females (p), 1 male)
Total species	=	5
Total individuals	=	9

Location C: One 18-foot mist net across SWRS swimming pool
 Start Time: 0015, End Time: 0115 (Start Temp: 58~F, End Temp: 55~F)

<i>Pipistrellus hesperus</i> , western pipistrelle	=	1 male
Total species	=	1
Total individuals	=	1
Grand Total Species	=	13
Grand Total Individuals	=	130

Summary of Capture Results: Session III -- June 11 thru June 16, 1996
Three 42-foot nets, two 30-foot nets, seventeen 18-foot nets, one 8-foot net, and two large traps
(Total 80 Net-Trap Hours)

<i>Antrozous pallidus</i> , pallid bat		7 (4 females (2p, 2l), 3 males)
<i>Eptesicus fuscus</i> , big brown bat		27 (2 females (nr), 25 males)
<i>Lasionycteris noctivagans</i> , silver-haired bat		3 males
<i>Lasiurus blossevillii</i> , desert red bat		2 females (1pl, 1l)
<i>Lasiurus cinereus</i> , hoary bat		4 males
<i>Leptonycteris curasoae</i> , lesser long-nosed bat		7 males
<i>Myotis auriculus</i> , southwestern myotis		23 (15 females (4p, 1l, 1pl, 9nr), 8 males)
<i>Myotis californicus</i> , California myotis		54 (22 females (9p, 1l, 12 nr), 32 males)
<i>Myotis ciliolabrum</i> , small-footed myotis		6 (1 female (nr), 5 males)
<i>Myotis thysanodes</i> , fringed myotis		17 (2 females (1p, 1nr), 15 males)
<i>Myotis velifer</i> , cave myotis		1 male
<i>Myotis volans</i> , long-legged myotis		20 (7 females (1p, 6nr), 13 males)
<i>Pipistrellus hesperus</i> , western pipistrelle		42 (7 females (3p, 1l, 3nr), 35 males)
<i>Plecotus townsendii</i> , Townsend's big-eared bat		4 (3 females (2p, 1nr), 1 male)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		57 (35 females (4p, 31nr), 22 males)
Total species	=	15
Total individuals	=	274

1996 Bat Conservation and Management Workshop
Summary of Capture Results -- June 1 thru June 16, 1996
Ten 42-foot nets, six 30-foot nets, thirty-six 18-foot nets, six 8-foot nets, and seven large traps
(Total 183.55 Net-Trap Hours)

<i>Antrozous pallidus</i> , pallid bat		16 (4 females (2p, 2l), 12 males) ^o
<i>Choeronycteris mexicana</i> , Mexican long-tongued bat		3 females (2p, 1l)
<i>Eptesicus fuscus</i> , big brown bat		129 (7 females (3p, 4nr), 120 males, 2 unk)
<i>Idionycteris phyllotis</i> , lappet-browed bat		9 (8 males, 1 unk)
<i>Lasionycteris noctivagans</i> , silver-haired bat		15 males
<i>Lasiurus blossevillii</i> , desert red bat		15 (10 females (4p, 1l, 1pl, 4nr), 5 males)
<i>Lasiurus cinereus</i> , hoary bat		16 males
<i>Leptonycteris curasoae</i> , lesser long-nosed bat		7 males*
<i>Myotis auriculus</i> , southwestern myotis		127 (89 females (56p, 2l, 1pl, 30nr), 38 males)
<i>Myotis californicus</i> , California myotis		173 (68 female (31p, 1l, 36nr), 104 males, 1 unk)
<i>Myotis ciliolabrum</i> , small-footed myotis		54 (13 females (9p, 4nr), 41 males)
<i>Myotis thysanodes</i> , fringed myotis		49 (13 females (9p, 4nr), 36 males)
<i>Myotis velifer</i> , cave myotis		24 (11 females (5p, 2l, 4nr), 13 males)
<i>Myotis volans</i> , long-legged myotis		142 (38 females (12p, 26nr), 102 males, 2 unk)
<i>Nyctinomops femorosaccus</i> , pocketed free-tail bat		1 female (nr) [†]
<i>Nyctinomops macrotis</i> , big free-tailed bat		26 (24 females (8p, 14nr), 3 males, 1 unk)
<i>Pipistrellus hesperus</i> , western pipistrelle		208 (11 females (8p, 3nr), 192 males, 5 unk) [‡]
<i>Plecotus townsendii</i> , Townsend's big-eared bat		13 (9 females (6p, 3nr), 3 males, 1 unk)
<i>Tadarida brasiliensis</i> , Mexican free-tailed bat		271 (100 females (24p, 76nr), 171 males)
Total species	=	19
Total individuals	=	1298

NOTES:

o All females were captured in desert scrub habitats outside the riparian area of Cave Creek Canyon.

* This record represents the first time in five (5) years that *Leptonycteris* has been captured during the June workshops. All individuals were extremely fat (the largest weighing nearly 40g), and they were covered with yellow pollen, presumably *Agave* sp.

† This capture represents a new record for this species in the Chiricahuas. According to Hoffmeister, *Mammals of Arizona*, *N. femorosaccus* is only known as far east as the Huachuca Mountains.

‡ All pregnant females were captured outside Cave Creek Canyon in the desert scrub habitats. Since 1992 we have only captured a single pregnant female within the riparian area of the canyon.