

2001 BCI Bat Conservation and Management Workshop – Barree, PA
 Capture Data – August 7-12, 2001

J.Tyburec/BCI

Day 01:	08 August 2001 — Start Time: 1945, End Time: 2245 (Start Temp: 80F, End Temp: 76F)		
Location #1:	Huntingdon County: Barree, Pennsylvania — State Forest Lands around old Girl Scout Camp		
Site #1:	One 42-foot mist net set along creek just downstream from old earthen dam		
<i>Eptesicus fuscus</i> , big brown bat			4 (2 males (j), 2 unknown)
<i>Lasiurus borealis</i> , red bat			2 males
<i>Myotis lucifugus</i> , little brown myotis			6 (3 females (1j, 2a (1pl, 1nr)), 3 males)
<i>Pipistrellus subflavus</i> , eastern pipistrelle			1 female (j)
Total species	=		4
Total individuals	=		13
Site #2:	One 18-foot net set down stream from Site#1		
<i>Myotis lucifugus</i> , little brown myotis			1 female (j)
Total species	=		1
Total individuals	=		1
Site #3:	One 42-foot mist net set down stream from Site #2		
<i>Eptesicus fuscus</i> , big brown bat			2 males
<i>Myotis lucifugus</i> , little brown myotis			1 female (nr)
<i>Myotis septentrionalis</i> , northern long-eared myotis			2 males (1j, 1a)
Total species	=		3
Total individuals	=		5
Site #4:	Forest trail at upstream end of meadow near shale dump. One large AustBat harp trap across trail under overhanging vegetation.		
<i>Eptesicus fuscus</i> , big brown bat			1 male (a)
<i>Lasiurus borealis</i> , red bat			2 (1 female (nr), 1 male)
<i>Myotis leibii</i> , eastern small-footed myotis			1 male
<i>Myotis lucifugus</i> , little brown myotis			6 (1 female (nr), 5 males)
Total species	=		4
Total individuals	=		10
Site #5:	Two 18-foot mist nets set 5-feet apart over pool where culvert runs beneath dirt road near shale pit		
<i>Lasiurus borealis</i> , red bat			1 male (a)
Total species	=		1
Total individuals	=		1
Site #6:	One 18-foot mist net set along north end of pond in amongst vegetation.		
<i>Eptesicus fuscus</i> , big brown bat			3 (2 females (pl), 1 male)
<i>Lasiurus borealis</i> , red bat			4 (2 females (1j, 1nr), 2 males)
Total species	=		2
Total individuals	=		7
Grand Total Species	=		6
Grand Total Individuals	=		37
Day 02:	09 August 2001 — Start Time: 2050, End Time: 2250 (Start Temp: 73F, End Temp: 72F)		
Location #1:	Blair County: Beaver Ponds on State Game Lands #166 near Canoe Creek State Park.		
Site #1:	Three 30-foot mist nets, stacked, along bridge at Beaver Ponds, one 18-foot net at water level below bridge and one 18-foot net perpendicular to the road along forest edge.		
<i>Eptesicus fuscus</i> , big brown bat			2 females (1j, 1nr)
<i>Lasiurus borealis</i> , red bat			12 (1 female (nr), 11 males (3j, 8a))
<i>Myotis lucifugus</i> , little brown myotis			3 (1 female (nr), 2 males)
Total species	=		3
Total individuals	=		17
Site #2:	Two 18-foot nets set in V over pool in creek about 2-miles downstream from beaver pond bridge.		
<i>Eptesicus fuscus</i> , big brown bat			2 females (1pl, 1nr)
<i>Lasiurus cinereus</i> , hoary bat			1 female (nr)
<i>Myotis septentrionalis</i> , northern long-eared myotis			1 male (a)
Total species	=		3
Total individuals	=		4

**a = adult, sa = sub-adult, j = juvenile, nr = non-reproductive, l = lactating, pl = post lactating
 unless otherwise noted, assume all bats are adult/non-reproductive**

Site #3: One 8-foot mist nets set over water just upstream from Site #2.

<i>Eptesicus fuscus</i> , big brown bat		1 female (nr)
<i>Lasiurus borealis</i> , red bat		2 females (nr)
<i>Myotis lucifugus</i> , little brown myotis		3 males (a)
Total species	=	3
Total individuals	=	6

Site #4: One 30-foot net set upstream from the beaver pond dam and bridge along creek in the forest.

<i>Lasiurus borealis</i> , red bat		2 (1 female (nr), 1 male (j))
<i>Myotis septentrionalis</i> , northern long-eared myotis		1 male (a)
Total species	=	2
Total individuals	=	3

Site #5: One 18-foot mist net set down stream from Site #4.

<i>Eptesicus fuscus</i> , big brown bat		1 female (nr)
<i>Myotis lucifugus</i> , little brown myotis		1 male
Total species	=	2
Total individuals	=	

Site #6 One 30-foot mist net set downstream from site #5.

<i>Lasiurus borealis</i> , red bat		2 (1 female (j), 1 male)
<i>Myotis lucifugus</i> , little brown myotis		1 male (a)
Total species	=	2
Total individuals	=	3

Site #7: One 42-foot mist net set downstream from site #6.

<i>Lasiurus borealis</i> , red bat		5 (1 female (j), 4 males)
<i>Lasiurus cinereus</i> , hoary bat		1 male (a)
<i>Myotis lucifugus</i> , little brown myotis		2 males (1a, 1j)
Total species	=	3
Total individuals	=	8
Grand Total Species	=	5
Grand Total Individuals	=	43

Day 03: 10 August, 2001 — Start Time: 2030, End Time: 2230 (Start Temp: 80F, End Temp: 77F.)
 Location #1: Canoe Creek State Park gated limestone mine.
 Site #1: One small (3'x3') harp-trap at first entrance blocked by plastic except for trap opening.

<i>Myotis lucifugus</i> , little brown myotis		105 (86 males (82a, 4j), 19 females (1l, 2pl, 16nr))
<i>Myotis septentrionalis</i> , northern long-eared myotis		1 female (pl)
<i>Pipistrellus subflavus</i> , eastern pipistrelle		1 male (a)
Total species	=	3
Total individuals	=	107

Site #2: One 30-foot and one 18-foot mist net set in an "L" formation with 18-foot side perpendicular to mine entrance and 30-foot side parallel to mine entrance between entrance 1 and entrance 2 within State Game Propagation Area below entrances.

<i>Eptesicus fuscus</i> , big brown bat		1 female (nr)
<i>Myotis lucifugus</i> , little brown myotis		36 (17 m (15a, 2j), 19 females (3j, 2pl, 13nr, 1unk.))
<i>Myotis septentrionalis</i> , northern long-eared myotis		2 females (1j, 1nr)
Total species	=	3
Total individuals	=	39

Site #3: One 30-foot and one 18-foot mist net set in an "L" formation with 18-foot side perpendicular to mine entrance and 30-foot side parallel to mine entrance within State Game Propagation Area below third entrance.

<i>Myotis leibii</i> , eastern small-footed myotis		1 female (nr)
<i>Myotis lucifugus</i> , little brown myotis		124 (76 males (9j, 67a), 48 females (3j, 15pl, 30nr))
Total species	=	2
Total individuals	=	125

**a = adult, sa = sub-adult, j = juvenile, nr = non-reproductive, l = lactating, pl = post lactating
 unless otherwise noted, assume all bats are adult/non-reproductive**

Site #4: One large Austbat Harp Trap in front of third entrance
Myotis lucifugus, little brown myotis 290 (138 males (a), 152 females (1j, 6pl, 145nr))
Myotis septentrionalis, northern long-eared myotis 15 (5males (a), 10 females (nr))
Myotis sodalis, Indiana myotis 1 female (nr)
 Total species = 3
 Total individuals = 306
Grand Total Species = 6
Grand Total Individuals = 577

Day 04: 11 August 2001
 Location #1: Huntingdon Rocks. Start Time: 2015, End Time: 2215 (Start Temp: 75F, End Temp: 72F.)
 Site #1: One 18-foot net set between cliffs in front of cave.
Eptesicus fuscus, big brown bat 4 (1 male, 3 females (1j, 2nr))
Myotis lucifugus, little brown myotis 54 (23 males (21a, 2j), 31 females (2j, 8pl, 21nr))
Myotis septentrionalis, northern long-eared myotis 5 (3 males (a), 2 females (nr))
Grand Total Species = 3
Grand Total Individuals = 63

Location #2: Greene Hills Methodist Camp between manor and summer camp along creek. Start Time: 2030, End Time: 2230 (Start Temp: 69F, End Temp: 68F.)
 Site #1: One 30-foot mist net set across old railroad siding in forest, One 42-foot and one 18-foot mist net set in an "L" configuration at the bridge over the creek just west of the railroad siding, One 30-foot mist net set over creek upstream of bridge, and one 18-foot mist net set upstream of the 30-foot net. (All bats were caught in the 30-foot net over the creek).
Myotis septentrionalis, northern long-eared myotis 1 male (j)
Pipistrellus subflavus, eastern pipistrelle 1 male (a)
Grand Total Species = 2
Grand Total Individuals = 2

Location #3: Riparian area in Diamond Valley near Huntingdon. Start Time: 2030, End Time: 2245 (Start Temp: 75F, End Temp: 71F.)
 Site #1: One large Austbat Harp trap along trail to stream
Eptesicus fuscus, big brown bat 1 male (a)
 Total species = 1
 Total individuals = 1

Site #2: Two 8-foot mist nets and One 30-foot mist net set over 30x18' pool in stream with a swoop zone of 25x18'
Lasiurus borealis, red bat 1 male (a)
Myotis lucifugus, little brown myotis 1 female (nr)
 Total species = 2
 Total individuals = 2
Grand Total Species = 3
Grand Total Individuals = 3

Summary of Capture Results — August 7 thru 12, 2001

Four 42-foot, Ten 30-foot, Sixteen 18-foot, and Two 8-foot nets plus Three large traps, and One small trap (80 net/trap-hours)

Eptesicus fuscus, big brown bat 22 (8 males(2j, 6a), 12 females (2j, 3pl, 7nr) 1 unk)
Lasiurus borealis, red bat 32 (24 males (4j, 20a), 8 females (3j, 5nr))
Lasiurus cinereus, hoary bat 2 (1 male, 1 female)
Myotis leibii, eastern small-footed myotis 2 (1 male, 1 female)
Myotis lucifugus, little brown myotis 634 (357 males (18j, 339a), 277 females(11j, 1l, 34pl, 230nr, 1unk)
Myotis septentrionalis, northern long-eared myotis 28 (13 males (2j, 11a), 15 females (1j, 1pl, 13nr))
Myotis sodalis, Indiana myotis 1 female (nr)
Pipistrellus subflavus, eastern pipistrelle 3 (2 males, 1 female(j))
Total species = 8
Total individuals = 724

Please direct all inquiries about this information to:
 J.Tyburec/BCI, P.O. Box 86493, Tucson AZ 85754; Tel/FAX: 520.743.0265; e-mail: jtyburec@mac.com

a = adult, sa = sub-adult, j = juvenile, nr = non-reproductive, l = lactating, pl = post lactating
 unless otherwise noted, assume all bats are adult/non-reproductive