

2000 BCI Bat Conservation and Management Workshop

Barree, PA

Capture Data – August 19 thru 24, 2000

J.Tyburec/BCI

Day 01: 20 August 2000: Start Time: 2015, End Time: 2215 (Start Temp: 59F, End Temp: 54F)
 Location #1: Huntingdon County: Barree, Pennsylvania — State Forest Lands around old Girl Scout Camp
 Site #1: Three 30-foot mist nets, stacked, raised 30-feet into forest canopy.

Total species = 0
 Total individuals = 0

Site #2: Spill-way at downstream end of meadow. One 18-foot net over 6x20' pool in water on south side of spill-way and one 18-foot net set back in forest over 3x10' pool in stream.

Eptesicus fuscus, big brown bat 3 males (a)
Lasiurus borealis, red bat 1 male (j)

Total species = 2
 Total individuals = 4

Site #3: Forest trail at upstream end of meadow near shale dump. One large AustBat harp trap across trail under overhanging vegetation flanked by one 42-foot mist net and one 18-foot mist net surrounding access to 8x10' pool of water downstream from culvert.

Lasiurus borealis, red bat 2 (1 female (j), 1 male (a))
Myotis leibii, eastern small-footed myotis 1 female (a) — trap caught
Myotis lucifugus, little brown myotis 1 female (a) — trap caught

Total species = 3
 Total individuals = 4

Site #4: Forest trail leading from to spillway two 30-foot mist-nets stacked nearest to meadow, four 30-foot mist nets stacked along road nearest to parking area.

Lasiurus borealis, red bat 1 female (a, pl)

Total species = 1
 Total individuals = 1

Grand Total Species = 4
Grand Total Individuals = 9

Day 02: 21 August 2000 — Start Time: 2015, End Time: 2315 (Start Temp: 59F, End Temp: 49F)

Location #1: Blair County: Beaver Ponds on State Game Lands near Canoe Creek State Park off Route 22.

Site #1: Four 30-foot mist nets, stacked, along bridge at Beaver Ponds.

Lasiurus borealis, red bat 9 males (a)
Lasiurus cinereus, hoary bat 1 female (nr)
Myotis lucifugus, little brown myotis 3 (2 males, 1 female)

Total species = 3
 Total individuals = 13

Site #2: Two 30-foot mist nets surrounding large open water created about 2-miles downstream from beaver pond bridge.

Lasiurus borealis, red bat 1 male (j)
Lasiurus cinereus, hoary bat 1 male (a)
Myotis lucifugus, little brown myotis 3 males (a)

Total species = 3
 Total individuals = 5

Site #3: Two 18-foot mist nets set along shore, near beaver pond in Site #2.

Total species = 0
 Total individuals = 0

Site #4: One 30-foot and one 18-foot mist net set in a parallel configuration about 100-yards downstream from Site #2 at narrow spots in stream, over shallow water.

Lasiurus borealis, red bat 2 (1 male (a), 1 unknown)

Total species = 1
 Total individuals = 2
Grand Total Species = 3
Grand Total Individuals = 20

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

Day 03:	22 August, 2000 — Start Time: 2030, End Time: 2330 (Start Temp: 74F, End Temp: 70F, w/intermittent fog.)		
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			114 (56 males (55a, 1j), 58 females (57a, 1j))
<i>Myotis sodalis</i> , Indiana myotis			1 female (nr)
	Total species	=	2
	Total individuals	=	115
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>Myotis lucifugus</i> , little brown myotis			96 (44 males (39a, 5j), 52 females (48a, 4j))
<i>Myotis septentrionalis</i> , northern long-eared myotis			7 (3 males, 4 females)
	Total species	=	2
	Total individuals	=	103
Site #3:	Two 18-foot mist net set in a parallel configuration about 8 feet apart, perpendicular to mine entrances between entrance 1 and entrance 2 within State Game Propagation Area below entrances.		
<i>Myotis lucifugus</i> , little brown myotis			7 (4 males, 3 females)
<i>Myotis septentrionalis</i> , northern long-eared myotis			3 males (2a, 1j)
	Total species	=	2
	Total individuals	=	10
Site #4:	Two 42-foot mist nets set end-to-end along ridge across from mine entrances.		
<i>Myotis leibii</i> , small-footed myotis			1 female (j)
<i>Myotis lucifugus</i> , little brown myotis			42 (14 males (a), 28 females (27a, 1j))
<i>Myotis septentrionalis</i> , northern long-eared myotis			2 males (a)
	Total species	=	3
	Total individuals	=	45
	Grand Total Species	=	4
	Grand Total Individuals	=	273
Day 04:	23 August 2000		
Location #1:	Petersburg Cave. Start Time: 2015, End Time: 2330 (Start Temp: 68F, End Temp: 62F, overcast.)		
Site #1:	One 18-foot net set between cliffs in front of cave.		
<i>Eptesicus fuscus</i> , big brown bat			4 males
<i>Myotis leibii</i> , eastern small-footed myotis			8 (4 males, 4 females)
<i>Myotis lucifugus</i> , little brown myotis			40 (25 males (24a, 1j), 15 females)
<i>Myotis septentrionalis</i> , northern long-eared myotis			55 (43 males (42a, 1j), 12 females)
<i>Pipistrellus subflavus</i> , eastern pipistrelle			25 (17 males, 8 females)
	Grand Total Species	=	5
	Grand Total Individuals	=	132
Location #2:	Greene Hills Methodist Camp between manor and summer camp along creek. Start Time: 2030, End Time: 2200 (Start Temp: 70F, End Temp: 62F, with very heavy fog and mist.)		
Site #1:	One Large AustBat harp trap set along forest trail (old railroad right-of-way).		
	Total species	=	0
	Total individuals	=	0
Site #2:	One 30-foot mist net set near harp trap on trail. Two 18-foot mist nets set over water along creek, one at bridge, one about 30-yards upstream from bridge.		
	Total species	=	0
	Total individuals	=	0
	Grand Total Species	=	0
	Grand Total Individuals	=	0

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

Summary of Capture Results — August 20 thru 23, 2000
Three 42-foot nets, fourteen 30-foot nets, sixteen 18-foot nets, two large traps, and one small trap
(88.25 net/trap-hours)

<i>Eptesicus fuscus</i> , big brown bat		7 males (a)
<i>Lasiurus borealis</i> , red bat		16 (13 males (11a, 2j), 2 females (1a-pl, 1j), 3 unk.)
<i>Lasiurus cinereus</i> , hoary bat		2 (1 male, 1 female (a-nr))
<i>Myotis leibii</i> , eastern small-footed myotis		10 (4 males (a), 6 females (5a, 1j))
<i>Myotis lucifugus</i> , little brown myotis		306 (148 males (141a, 7j), 158 females (152a, 6j))
<i>Myotis septentrionalis</i> , northern long-eared myotis		67 (51 males (49a, 2j), 16 females (a))
<i>Myotis sodalis</i> , Indiana myotis		1 female (a-nr) — banded today, #250
<i>Pipistrellus subflavus</i> , eastern pipistrelle		25 (17 males (a), 8 females (a))
Total species	=	8
Total individuals	=	434

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