

**1997 BCI Bat Conservation and Management Workshop**  
**Barree, PA**  
**Capture Data**

J.Tyburec/BCI

Session I August 19 thru 22, 1997

Day 01: 19 August 1997: Start Time: 2000, End Time: 2245 (Start Temp: 64F, End Temp: 61F p-cloudy)

Location #1: Barree, Pennsylvania State Forest Lands around old Girl Scout Camp

Site #1: Pond in center of Meadow. One 30-foot, one 18-foot, and two 42-foot nets (stacked) surrounding three of the four sides of the pond.

<i>Lasiurus borealis</i> , red bat			2 males (1a, 1j)
<i>Myotis leibii</i> , eastern small-footed myotis			1 female (j)
Total species	=		2
Total individuals	=		3

Site #2: Spill-way at downstream end of meadow. One 18-foot net over water downstream from spill-way, one 42-foot net over stream downstream from dam and one 42-foot net along trail at junction near east end of dam.

<i>Eptesicus fuscus</i> , big brown bat			1 female (j)
<i>Lasiurus borealis</i> , red bat			1 male (a)
<i>Myotis leibii</i> , eastern small-footed myotis			1 male (j)
Total species	=		3
Total individuals	=		3

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 18-foot mist net.

<i>Myotis leibii</i> , eastern small-footed myotis			2 females (1a, 1j) — trap caught
<i>Myotis lucifugus</i> , little brown myotis			1 male (a) — trap caught
<i>Myotis septentrionalis</i> , northern long-eared myotis			1 female (a) — trap caught
Total species	=		3
Total individuals	=		4
<b>Grand Total Species</b>	<b>=</b>		<b>4</b>
<b>Grand Total Individuals</b>	<b>=</b>		<b>10</b>

Day 02: 20 August 1997 — Start Time: 2030, End Time: 2300 (Start Temp: 59F, End Temp: 61F 100% cloudy w/light mist by 2300)

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

Site #1: One 30-foot net and two 18-foot nets across sections of Beaver Stream about 1/2-mile downstream from beaver ponds.

Total species	=		0
Total individuals	=		0

Site #2: One large AustBat harp trap across stream between encroaching vegetation with little overhanging vegetation about 20-yards upstream from site #1.

<i>Lasiurus borealis</i> , red bat			1 female (j)
<i>Myotis lucifugus</i> , little brown myotis			1 female (unk)
<i>Myotis septentrionalis</i> , northern long-eared myotis			1 male (j)
Total species	=		3
Total individuals	=		3

Site #3: One double-high 18-foot net (two 18-foot nets) along bridge, and one 18-foot net over water at Beaver Ponds.

<i>Myotis lucifugus</i> , little brown myotis	=		2 males (a)
Total species	=		2
Total individuals	=		2

Site #4: Two 18-foot mist nets and one 30-foot net upstream from beaver ponds about 2 miles. Over quiet 10' x 10' pools in stream each within sight of each other.

<i>Myotis lucifugus</i> , little brown myotis	=		1 male (a)
Total species	=		1
Total individuals	=		1
<b>Grand Total Species</b>	<b>=</b>		<b>3</b>
<b>Grand Total Individuals</b>	<b>=</b>		<b>6</b>

Day 03: 21 August, 1997 — Start Time: 2000, End Time: 2330 (Start Temp: 68F, End Temp: 68F, mostly clear skies.)

Location #1: Canoe Creek State Park gated limestone mine.

Site #1: One small harp-trap at first entrance blocked by plastic except for trap opening.

*Myotis lucifugus*, little brown myotis = 72 (42 males (41a, 1j), 30 females (26a, 4j))

Total species = 1

Total individuals = 72

Site #2: One small harp-trap at third entrance blocked by plastic except for trap opening.

*Myotis lucifugus*, little brown myotis = 22 (15 males (a), 7 females (a))

Total species = 1

Total individuals = 22

Site #3: One 18-foot mist net and one 30-foot mist net set perpendicular to mine entrances between entrance 1 and entrance 2 within State Game Propagation Area below entrances.

*Myotis lucifugus*, little brown myotis = 78 (33 males (a), 45 females (21a, 24pl))

Total species = 1

Total individuals = 78

Site #4: One 18-foot mist net and one 30-foot mist net set perpendicular to mine entrances between entrance 1 and entrance 2 within State Game Propagation Area below entrances under overhanging vegetation.

*Myotis lucifugus*, little brown myotis = 18 (8 males (a), 10 females (a))

*Myotis septentrionalis*, northern long-eared myotis = 1 male (a)

Total species = 2

Total individuals = 19

**Grand Total Species = 2**

**Grand Total Individuals = 191**

Day 04: 22 August 1997

Location #1: Huntingdon Rocks. Start Time: 1950, End Time: 2320 (Start Temp: 64F, End Temp: 63F, cloudy.)

Site #1: One 18-foot net set between cliffs in front of crevice/cave.

*Eptesicus fuscus*, big brown bat = 2 (1 male (j), 1 female (j))

*Myotis lucifugus*, little brown myotis = 43 (20 males (11a, 9j), 23 females (20a, 3j))

**Grand Total Species = 2**

**Grand Total Individuals = 45**

Location #2: Artificial wetlands along Route 305 between Petersburg and Ribot. Start Time: 2000, End Time: 2230 (Start Temp: 66F, End Temp: 66F, cloudy.)

Site #1: One 18-foot mist net and one 30-foot mist net set near water.

*Myotis lucifugus*, little brown myotis = 1 female (nr)

**Grand Total Species = 1**

**Grand Total Individuals = 1**

Location #3: Petersburg Cave. Start Time: 2015, End Time: 2300 (Start Temp: 63F, End Temp 64F; cloudy)

Site #1: One 18-foot mist net across cave entrance and one 18-foot mist net set over small draw at bottom of wooded slope to train tracks.

*Eptesicus fuscus*, big brown bat = 1 unk

*Lasiurus borealis*, red bat = 1 female (a)

*Myotis lucifugus*, little brown myotis = 10 (6 males (a), 4 females (3a, 1pl))

*Myotis septentrionalis*, northern long-eared myotis = 1 male (a)

**Grand Total Species = 4**

**Grand Total Individuals = 13**

**Summary of Capture Results: Session I — August 14 thru 19, 1997**  
**Four 42-foot nets, six 30-foot nets, sixteen 18-foot nets, and two small traps**  
**(84.75 net/trap-hours)**

*Eptesicus fuscus*, big brown bat = 4 (1 male (a), 2 females (a), 1 unknown)

*Lasiurus borealis*, red bat = 5 (3 males (a), 2 females (a))

*Myotis leibii*, eastern small-footed myotis = 4 (1 male, 3 females)

*Myotis lucifugus*, little brown myotis = 255 (125 males, 125 females, 5 unknown)

*Myotis septentrionalis*, northern long-eared myotis = 4 (3 males, 1 female)

**Total species = 5**

**Total individuals = 272**

Session II August 26 thru 30, 1997  
Day 01: 26 August 1997 — Start Time: 2000, End Time 2300 (Start Temp: 65F, End Temp: 61F, mostly clear)  
Location #1: Barree, Pennsylvania State Forest Lands around old Girl Scout Camp  
Site #1: Spillway at downstream end of meadow. Three 42-foot nets at spill way and over creek upstream and down stream from spillway.

*Lasiurus borealis*, red bat = 2 males (a)

Site #2: Pond at center of meadow, surrounded by alder. One 8-foot, one 18-foot, and two 42-foot mist nets (stacked) surrounding pond on three sides.

*Lasiurus borealis*, red bat = 1 male (a)

Site #3 Creek upstream from meadow at road crossing to shale pit. One large AustBat harp trap and one 42-foot mist net across road under overhanging vegetation.

*Myotis lucifugus*, little brown myotis = 6 (2 males (1a\*, 1j), 4 females (a))  
*Myotis septentrionalis*, northern long-eared myotis = 1 male (a)\*  
\*trap caught, in addition to 3 female (a) *Myotis lucifugus*

Total species = 4  
Total individuals = 10

Day 02: 27 August 1997 — Start Time: 2000, End Time: 2300 (Start Temp: 72F, End Temp: 68F; cloudy)  
Location #1: Canoe Creek State Park, Gated Limestone mine.  
Site #1: One 30-foot mist net and one 18-foot mist net set perpendicular and one 18-foot mist net set parallel to the mine entrances nearest the middle entrance.

*Lasiurus cinereus*, hoary bat = 1 female (a)  
*Myotis lucifugus*, little brown myotis = 62 (35 males (34a, 1j), 27 females)  
*Myotis septentrionalis*, northern long-eared myotis = 5 (4 males, 1 female)

Site #2: One small harp-trap set over third entrance with remainder of entrance blocked off with plastic.

*Myotis leibii*, eastern small-footed myotis = 1 unknown  
*Myotis lucifugus*, little brown myotis = 76 (58 males, 18 females)  
*Myotis septentrionalis*, northern long-eared myotis = 10 (5 males 5 females)  
*Pipistrellus subflavus*, eastern pipistrelle = 1 female

Site #3: One small harp-trap set over first entrance (entrance w/door) with remainder of entrance blocked off with plastic.

*Myotis lucifugus*, little brown myotis = 45 (32 males, 13 females)  
Grand Total Species = 5  
Grand Total Individuals = 201

Day 03: 28 August 1997  
Location #1: Beaver Pond on State Game Lands #166 near Canoe Creek State Park. Start Time: 2000, End Time: 2245 (Start Temp: 64F, End Temp: 61F)  
Site #1: One double-high 18-foot net (two nets) stacked along bridge on downstream side and one single-high 18-foot net (one net) along bridge on upstream side.

*Lasiurus borealis*, red bat = 4 (2 males, 2 females)  
*Myotis lucifugus*, little brown myotis = 1 male (adult)  
Total species = 2  
Total individuals = 5

Location #2: Down stream along creek near Beaver Ponds on State Game Lands #166 near Canoe Creek State Park. Start Time: 2030, End Time: 2300 (Start Temp: 62F, End Temp: 61)

Site #1 One 30-foot net across deep still pool in stream (swoop zone 30-feet wide by 100 feet long)

*Eptesicus fuscus*, big brown bat = 2 males  
*Lasiurus borealis*, red bat = 2 (1 male, 1 female)  
*Myotis lucifugus*, little brown myotis = 1 female (j)  
*Myotis septentrionalis*, northern long-eared myotis = 1 male

Location #3: Two miles up stream from Location #1: One large AustBat Harp Trap between vegetation at point where meadow narrows into tree shrouded stream upstream about 75 yards from two 18-foot nets set over creek

*Lasiurus borealis*, red bat = 1 female — trap caught  
Total species = 1  
Total individuals = 1  
**Grand Total Species = 4**  
**Grand Total Individuals = 14**

Day 04: 29 August 1997  
 Location #1: Petersburg Cave — Start Time: 2000, End Time: 2200 (Start Temp: M, End Temp: M; partly cloudy)  
 Site #1: One 18-foot mist net in front of lower entrance

<i>Myotis lucifugus</i> , little brown myotis		22 (19 males, 3 females)
<i>Myotis septentrionalis</i> , northern long-eared myotis		15 (9 males, 6 females)
<i>Pipistrellus subflavus</i> , eastern pipistrelle		2 males
Total Species	=	3
Total Individuals	=	39

Location #2: Huntingdon Rocks — Start Time: 2000, End Time: 2145 (Start Temp: M, End Temp: M; partly cloudy)  
 Site #1: One 18-foot mist net in front of cliff/cave entrance

<i>Eptesicus fuscus</i> , big brown bat		4 males
<i>Myotis leibii</i> , eastern small-footed myotis		1 male
<i>Myotis lucifugus</i> , little brown myotis		47 (30 males, 17 females)
<i>Myotis septentrionalis</i> , northern long-eared myotis		2 females
Total Species	=	4
Total Individuals	=	54

**Summary of Capture Results: Session II — August 21 thru 26, 1997**  
**Six 42-foot net, Three 30-foot nets, Ten 18-foot nets, One large trap, and Three small traps.**  
**(61.75 net/trap-hours)**

<i>Eptesicus fuscus</i> , big brown bat		6 males
<i>Lasiurus borealis</i> , red bat		10 (6 males, 4 females)
<i>Lasiurus cinereus</i> , hoary bat		1 female
<i>Myotis leibii</i> , eastern small-footed myotis		2 (1 male, 1 unknown)
<i>Myotis lucifugus</i> , little brown myotis		260 (177 males, 83 females)
<i>Myotis septentrionalis</i> , northern long-eared myotis		34 (20 males, 14 females)
<i>Pipistrellus subflavus</i> , eastern pipistrelle		3 (2 males, 1 female)
<b>Total species</b>	<b>=</b>	<b>7</b>
<b>Total individuals</b>	<b>=</b>	<b>315</b>

**1997 Bat Conservation and Management Workshop**  
**Summary of Capture Results — August 14 thru August 26, 1997**  
**Ten 42-foot nets, Nine 30-foot nets, Twenty-six 18-foot nets, One Large AustBat Harp Trap and Five small Harp Traps**  
**(146.50 net/trap-hours)**

<i>Eptesicus fuscus</i> , big brown bat		10 (7 males, 2 female, 1 unknown)
<i>Lasiurus borealis</i> , red bat		15 (9 males, 6 females)
<i>Lasiurus cinereus</i> , hoary bat		1 female
<i>Myotis leibii</i> , eastern small-footed myotis		6 (2 males, 3 females, 1 unknown)
<i>Myotis lucifugus</i> , little brown myotis		515 (302 males, 208 females, 5 unknown)
<i>Myotis septentrionalis</i> , northern long-eared myotis		38 (23 males, 15 females)
<i>Pipistrellus subflavus</i> , eastern pipistrelle		3 (2 males, 1 female)
<b>Total species</b>	<b>=</b>	<b>7</b>
<b>Total individuals</b>	<b>=</b>	<b>588</b>