

1999 BCI Bat Conservation and Management Workshop
Barree, PA
Capture Data

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Day 01:	11 August 1999: Start Time: 2030, End Time: 2300 (Start Temp: 72F, End Temp: 66F)		
Location #1:	Barree, Pennsylvania State Forest Lands around old Girl Scout Camp		
Site #1:	Pond in center of Meadow. One 30-foot and two 18-foot mist nets surrounding three of the four sides of the pond.		
	Total species	=	0
	Total individuals	=	0
Site #2:	Spill-way at downstream end of meadow. One 18-foot mist net over water downstream from spill-way, one 8-foot mist between walls of spill way, and one 42-foot canopy mist net* (25-feet high) in front of spill-way. (No bats caught in 8-foot mist net.)		
	<i>Eptesicus fuscus</i> , big brown bat		2 (1 male (a), 1 female (pl))
	<i>Myotis lucifugus</i> , little brown myotis		1 male (a)*
	<i>Myotis septentrionalis</i> , northern long-eared myotis		1 female (j)
	Total species	=	3
	Total individuals	=	4
Site #3:	Three 30-foot mist nets stacked and raised into canopy at north end of meadow covering gap into forest.		
	<i>Lasiurus borealis</i> , red bat		2 males (1a, 1j)
	Total species	=	1
	Total individuals	=	2
Site #4:	Forest trail at upstream end of meadow near shale dump. One large AustBat harp trap across trail under overhanging vegetation and one 18-foot mist net and one 30-foot mist net set near creek under trail and where trail enters shale dump clearing		
	<i>Lasiurus borealis</i> , red bat		1 male (a) — trap caught
	<i>Myotis leibii</i> , eastern small-footed myotis		2 (1 male (a), 1 female (a-pl)) — trap caught
	<i>Myotis lucifugus</i> , little brown myotis		4 (3 males (a), 1 female (a)) — trap caught
	<i>Myotis septentrionalis</i> , northern long-eared myotis		1 male (a) — trap caught
	Total species	=	4
	Total individuals	=	8
	Grand Total Species	=	5
	Grand Total Individuals	=	14
Day 02:	12 August 1999 — Start Time (unless otherwise noted at a particular site): 2045, End Time: 2300 (Start Temp: 72F, End Temp: 69F with increasing clouds)		
Location:	Beaver Ponds on State Game Lands #66 near Canoe Creek State Park off Route 22.		
Site #1:	One 30-foot mist net across stream about 1/2-mile downstream from beaver ponds.		
	<i>Myotis lucifugus</i> , little brown myotis		3 males (a)
	<i>Myotis septentrionalis</i> , northern long-eared myotis		1 male, (a)
	Total species	=	2
	Total individuals	=	4
Site #2:	One large AustBat harp trap across stream between encroaching vegetation with little overhanging vegetation about 20-yards upstream from site #1.		
	<i>Myotis lucifugus</i> , little brown myotis		4 (1 male (a), 3 females (a))
	Total species	=	1
	Total individuals	=	4
Site #3:	One 30-foot mist net set along trail in forest near Site #2.		
	<i>Myotis septentrionalis</i> , northern long-eared myotis		1 male (a)
	Total species	=	1
	Total individuals	=	1
Site #4:	One Canopy net (2-42-foot mist nets stacked and raised 25-feet up) over creek.		
	Total species	=	0
	Total individuals	=	0

Site #5: 20:45-23:45 – One canopy stack of 30-foot nets (three 30-foot nets) along bridge, and one 18-foot net over water at beaver ponds. (All bats were caught in canopy set, with three *Lasiurus borealis* and one *Myotis septentrionalis* caught after waving a whip antenna in front of the net.)

<i>Lasiurus borealis</i> , red bat			6 males (a)
<i>Myotis lucifugus</i> , little brown myotis			1 male (a)
<i>Myotis septentrionalis</i> , northern long-eared myotis			1 male (j)
	Total species	=	3
	Total individuals	=	8

Site #6: 21:00-22:00 – Two 18-foot mist nets and one 30-foot mist net set at y-junction in road/trail upstream from beaver ponds.

<i>Eptesicus fuscus</i> , big brown bat	=		1 male (a)
	Total species	=	1
	Total individuals	=	1
	Grand Total Species	=	4
	Grand Total Individuals	=	18

Day 03: RAIN-OUT

Day 04: 14 August 1999

Location #1: Huntingdon Rocks. Start Time: 20:00, End Time: 24:00 (Start Temp: 76F, End Temp: 74F, cloudy.)

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

<i>Eptesicus fuscus</i> , big brown bat			23 (17 males (3j, 14a), 5 females (1j, 31-nr, 1a-pl)), 1 unknown)
<i>Lasiurus borealis</i> , red bat			3 (1 male (a), 1 female (j), 1 unknown)
<i>Myotis lucifugus</i> , little brown myotis			76 (30 males (3j, 27a), 45 females (2j, 36a-nr, 7a-pl), 1 unk.)
<i>Myotis septentrionalis</i> , northern long-eared myotis			2 (1 male (a), 1 female (a-nr))
<i>Pipistrellus subflavus</i> , eastern pipistrelle			7 males (1j, 6a)
	Grand Total Species	=	5
	Grand Total Individuals	=	111

Location #2: Petersburg Cave. Start Time: 20:15, End Time: 23:15 (Start Temp: 75F, End Temp: 74F, cloudy.)

Site #1: One 18-foot mist net set in front of lower cave entrance, and one 30-foot mist net set on ground below upper entrance perpendicular to the high wall and extending out toward the railroad tracks.

<i>Eptesicus fuscus</i> , big brown bat			4 males (a)
<i>Myotis leibii</i> , eastern small-footed myotis			1 female (a-nr)
<i>Myotis lucifugus</i> , little brown myotis			28 (15 males (a), 13 females (2j, 10a-nr, 1a-pl))*
<i>Myotis septentrionalis</i> , northern long-eared myotis			23 (21 males (1j, 20a), 2 females (a-nr))
<i>Pipistrellus subflavus</i> , eastern pipistrelle			2 males (1j, 1a)*
	Grand Total Species	=	5
	Grand Total Individuals	=	58

*one each caught in 30-foot mist net

Summary of Capture Results — August 11 thru 14, 1999

One 42-foot mist net, Fourteen 30-foot mist nets, Nine 18-foot mist nets, One 8-foot mist net, and Two Large AustBat Harp Traps.

(63 total net/trap hours)

<i>Eptesicus fuscus</i> , big brown bat			30 (23 males (4j, 19a), 6 females (1j, 3a-nr, 2a-pl), 1 unknown)
<i>Lasiurus borealis</i> , red bat			12 (10 males (1j, 9a), 1 female (j), 1 unknown)
<i>Myotis leibii</i> , eastern small-footed myotis			3 (1 male (a), 2 females (1a-nr, 1a-pl))
<i>Myotis lucifugus</i> , little brown myotis			117 (54 males (3j, 51a), 62 females (4j, 50a-nr, 8a-pl), 1 unk.)
<i>Myotis septentrionalis</i> , northern long-eared myotis			30 (26 males (2j, 24a), 4 females (a-nr))
<i>Pipistrellus subflavus</i> , eastern pipistrelle			9 males (2j, 7a)
	Total species	=	6
	Total individuals	=	201

Abbreviations used in this report:

a = adult
j = juvenile
pl = post-lactating
nr = non-reproductive
unk = unknown