

2002 BCI Bat Conservation and Management Workshop
Barree, AZ
Capture Data

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Session I: August 23 thru 28, 2002

Day 01: 24 August 2002: Start Time: 2030, End Time: 2230 (Start Temp: 71F, End Temp: 68F with light mist/fog.

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

Site #1: Spill-way at downstream end of meadow. Four 18-foot mist nets stacked downstream from spill-way and one 30-foot mist net in front of spill-way.

Total species	=	0
Total individuals	=	0

Site #2: Two 18-foot mist nets and one 42-foot mist net set over water down stream from site #1.

Myotis septentrionalis, northern long-eared myotis 2 (1 female (nr), 1 male)

Total species	=	1
Total individuals	=	2

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 42-foot mist net where trail meets open area at shale dump.

Lasiurus borealis, red bat 2 males (j) -- net caught

Myotis lucifugus, little brown myotis 1 male (j) -- trap caught

Total species	=	2
Total individuals	=	3
Grand Total Species	=	3
Grand Total Individuals	=	5

Day 02: 25 August 2002 -- Start Time: 2030, End Time: 2300 (Start Temp: 71, End Time: 70 with light drizzle by 2300)

Location #1: Beaver Ponds on State Game Lands 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.

Lasiurus borealis, red bat 7 (5 males, 2 unknown) ages undetermined

Myotis lucifugus, little brown myotis 2 (1 male, 1 unknown) ages undetermined

Myotis septentrionalis, northern long-eared myotis 2 males, ages undetermined

Total species	=	3
Total individuals	=	11

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

Lasiurus borealis, red bat 1 male, age undetermined

Myotis lucifugus, little brown myotis 1 male, age undetermined

Total species	=	2
Total individuals	=	2

Site #3: One double-high 30-foot net (two 30-foot nets) along bridge, and one 18-foot net over water at beaver ponds.

Lasiurus borealis, red bat 5 males (3a, 2j)

Myotis lucifugus, little brown myotis 5 males (3a, 2j)

Total species	=	2
Total individuals	=	10

Site #4: Two 18-foot mist nets upstream from beaver ponds about 2 miles. One over a 10' x 10' pool in stream, one over a forest trail.

Eptesicus fuscus, big brown bat 1 male (a)

Lasiurus borealis, red bat 3 (2 females (a, nr), 1 unknown)

Myotis lucifugus, little brown myotis 2 male (a)

Total species	=	3
Total individuals	=	6
Grand Total Species	=	4
Grand Total Individuals	=	29

Day 03: 26 August, 2002 -- Start Time: 2030, End Time: 2330 (Start Temp: 74F, End Temp: 70F, with intermittent fog.)

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 53 (36males, 17 females)
Myotis septentrionalis, northern long-eared myotis 1 male
 Total species = 2
 Total individuals = 54

Site #2: 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 30 (14 males, 16 females)
Myotis septentrionalis, northern long-eared myotis 5 (2 males, 3 females)
 Total species = 2
 Total individuals = 35

Site #3: One 18-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= 16 (10 males, 6 females)
Pipistrellus subflavus, eastern pipistrelle= 1 male
 Total species = 2
 Total individuals = 17

Site #4: One 18-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= 22 (8 males, 14 females)
Myotis septentrionalis, northern long-eared myotis 3 females (nr)
 Total species = 2
 Total individuals = 25
Grand Total Species = 3
Grand Total Individuals = 131

Day 04: 27 August 2002
 Location #1: Huntingdon Rocks. Start Time: 2000, End Time: 2245 (Start Temp: 70F, End Temp: 62F, with very strong winds.)

Site #1: One 18-foot net set between cliffs in front of crevice/cave.
Eptesicus fuscus, big brown bat 3 males
Myotis lucifugus, little brown myotis 17 (10 males, 7 females)
 Total species = 2
 Total individuals = 20

Location #2: Artificial wetlands along Route 305 between Petersburg and Ribot. Start Time: 2000, End Time: 2330 (Start Temp: 70F, End Temp: 62F, with very strong winds.)

Site #1: One Large AustBat harp trap, two 42-foot nets set double-high, and one 42-foot net all set in front of open water area.
Myotis septentrionalis, northern long-eared myotis 1 female (nr) -- net caught
 Total species = 1
 Total individuals = 1

Location #3: Little Juniata River near Greene Hills Manor in Barree. Start Time: 2015, End Time: 2235 (Start Temp: 70F, End Temp 65F)

Site #1: One 18-foot mist net and one 42-foot mist net set over 80' wide and unlimited long swoop zone.
Myotis lucifugus, little brown myotis 18 (7males, 11 females)
 Total species = 1
 Total individuals = 18
Grand Total Species = 3
Grand Total Individuals = 39

Summary of Capture Results: Session I – 24 thru 28 August 2002

Four 42-foot nets, two 30-foot nets, ten 18-foot nets, three 8-foot nets, and three large traps
Eptesicus fuscus, big brown bat 5 males
Lasiurus borealis, red bat 17 (12 males, 2 females, 3 unknown)
Myotis leibii, eastern small-footed myotis 1 male
Myotis lucifugus, little brown myotis 167 (95 males, 71 females, 1 unknown)
Myotis septentrionalis, northern long-eared myotis 11 (5 males, 6 females)
Pipistrellus subflavus, eastern pipistrelle 1 male
Total species = 6
Total individuals = 202