

**BCI Bat Conservation and Management Workshop – Barree, Pennsylvania
2005 Capture Report**

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Day 1: 15 August 2005

Location 1: Huntingdon County, Masseyburg, Masseyburg Road access to Shaver's Creek

Site 1: Start Time: 2030; End Time: 2330. Start Temp: 74.3°F; End Temp: 68°F. Upstream from bridge turnoff to creek. One large harp trap, side-by-side with a 30-foot net over creek plus one 18-foot net and one 42-foot net parallel to each other just down stream. (NOTE: No bats were caught in the trap.)

<i>Myotis lucifugus</i> , little brown myotis		3 (2 females (a, nr), 1 male (a, nr))
<i>Myotis septentrionalis</i> , northern long-eared myotis		2 (1 female (a, nr), 1 male (a, nr))
Total species	=	2
Total individuals	=	5

Site 2: Start Time: 2030; End Time: 2330. Start Temp: 73°F, End Temp: 68°F. Downstream about 25 yards from Site 1. Three (3) 18-foot mist nets, 1 30 foot mist-net, and 2 42-foot mist nets set over water in creek.

<i>Myotis lucifugus</i> , little brown myotis		1 female (a, pl)
<i>Myotis septentrionalis</i> , northern long-eared myotis		2 females (1a, pl; 1j, nr)
Total species	=	2
Total individuals	=	3

Site 3: Start Time: 2030; End Time: 2345. Start Temp: 70°F; End Temp 69°F. Road location under closed tree canopy. One triple high 18-foot mist net plus two triple-high 30-foot mist nets set about 25 yards apart along road under canopy

<i>Myotis lucifugus</i> , little brown myotis		1 female (a, pl)
<i>Myotis septentrionalis</i> , northern long-eared myotis		2 (1 female (a, nr), 1 male (a, nr))
Total species	=	2
Total individuals	=	3

Site 4: Start Time: 2030; End Time: 2345. Start Temp: 72.7°F; End Temp: 68.9°F. Road location under closed tree canopy near top of hill. One 18-foot mist net, plus 2 double-high 18-foot mist nets, plus 2 30-foot mist nets set about 25 feet apart.

<i>Eptesicus fuscus</i> , big brown bat		2 (2 females (1a, pl; 1 j, nr)),
<i>Lasiurus cinereus</i> , hoary bat		1 unknown (escaped)
<i>Myotis lucifugus</i> , little brown myotis		3 (2 females (a, pl), 1 unknown)
<i>Myotis septentrionalis</i> , northern long-eared myotis		2 (1 female (a, nr); 1 male (a, nr))
<i>Myotis unknown</i>		1 (escaped)
Total species		4
Total individuals		9

Day 2: 16 August 2005 – Start Time: 2030; End Time: 2330.

Location 1: Huntingdon County, Entriiken, Trough Creek State Park, Near campground at ice cave.

Site 1: Start Temp: 72°F, End Temp: 64.6°F Forest trail near dead end road past ice cave. One large harp trap set under overhanging vegetation and between encroaching vegetation.

<i>Myotis leibii</i> , eastern small-footed myotis		1 female (a, pl)
<i>Myotis septentrionalis</i> , northern long-eared myotis		2 males (a, nr)
<i>Pipistrellus subflavus</i> , eastern pipistrelle		1 male (j, nr)
Total species	=	3
Total individuals	=	4

f = female * m = male * a = adult * j = juvenile * p = pregnant * l = lactating * pl = post-lactating
nr = non-reproductive * s = scrotal * unk/u = unknown (unless noted; assume a-nr)

Site 2: Start Temp: 72°F, End Temp: 64.6°F. Forest trail near dead end road past ice cave. Two triple-high 18-foot mist nets set about 100 yards apart under overhanging vegetation covering entire flyway over road.

<i>Eptesicus fuscus</i> , big brown bat		2 males (a, nr)
<i>Myotis leibii</i> , eastern small-footed myotis		2 males (a, nr)
<i>Myotis lucifugus</i> , little brown myotis		1 female (a, nr)
<i>Myotis septentrionalis</i> , northern myotis		4 males (3 a, nr; 1 j, nr)
<i>Pipistrellus subflavus</i> , eastern pipistrelle		1 male (j, nr)
Total species	=	5
Total individuals	=	10

Site 3: Start Temp: 67.6°F; End Temp: 64.6°F. One single high 42-foot mist net, plus one double-high 42-foot mist net, plus one triple-high 42-foot mist net set parallel over creek at bridge location in campground.

<i>Lasiurus borealis</i> , red bat		1 male (j, s)
<i>Lasiurus cinereus</i> , hoary bat		1 male (j, nr)
<i>Myotis</i> sp., unknown myotis		1 unknown
<i>Myotis lucifugus</i> , little brown bat		12 (5 females (a, pl), 7 males (5a,nr; 1a,s; 1j,nr))
<i>Pipistrellus hesperus</i> , eastern pipistrelle		3 males (j, nr)
Total species	=	4
Total individuals	=	18

Site 4: Start Temp: 68.7°F; End Temp: 64.6°F. Two 18-foot mist nets, one triple-high 30-foot mist nets, and two 42-foot mist nets set in creek over water downstream from Site #3.

<i>Eptesicus fuscus</i> , big brown bat		1 female (a, pl)
<i>Lasiurus borealis</i> , red bat		2 (1 female (j, nr), 1 male (j, nr))
<i>Myotis lucifugus</i> , little brown myotis		6 (4 females (3a, pl; 1a, unk), 2 males (a, nr))
<i>Pipistrellus subflavus</i> , eastern pipistrelle		1 male (j, nr)
Total species		4
Total individuals		10

Day 3: 17 August 2005 – Start Time: 2030; End Time: 2345.

Location1: Blair County, Hollidaysburg, Canoe Creek Mine.

Site1: Start Temp: 75.2°F; End Temp: 65.8°F. One 8-foot mist net outside mine entrance #2, set parallel with gate.

<i>Myotis lucifugus</i> , little brown myotis		54 (38 f (18a,nr; 6a,pl, 14j,nr), 15 m (9a,nr; 6j,nr), 1unk)
<i>Myotis septentrionalis</i> , northern long-eared myotis		1 female (j,nr)
Total species	=	2
Total individual	=	55

Site #2 Start Temp: 74°F; End Temp: 66°F. Three 18-foot nets and two 42-foot mist nets set in grassy areas below mine entrances, along ridge and in propagation area.

<i>Myotis leibii</i> , eastern small-footed myotis		2 males (a, nr)
<i>Myotis lucifugus</i> , little brown myotis		97 (58 females (a, nr), 39 males (a, nr))
<i>Myotis septentrionalis</i> , northern long-eared myotis		1 female (a, nr)
<i>Pipistrellus subflavus</i> , eastern pipistrelle		1 male (a, nr)
Total species	=	4
Total individuals	=	101

Site #3: Start Temp: 74°F; End Temp 66°F. One large harp trap set at mine entrance #1.

<i>Myotis lucifugus</i> , little brown myotis		129 (79 females, 50 males)
Total species	=	1
Total individuals	=	129

Day 4: 18 August 2005

Location 1: Huntingdon Rocks. Start Time: 2030; End Time: 2405; Start Temp: 75°F, End Temp: 73°F

Site 1: One 18-foot mist net set in front of cave crevice.

<i>Eptesicus fuscus</i> , big brown bat		9 (1 female (nr), 7 males (nr), 1 unknown)
<i>Myotis lucifugus</i> , little brown myotis		62 (35 female (33a, nr; 2a, pl), 26 male (25a, nr; 1a, s; 1 unk))
<i>Myotis septentrionalis</i> , northern myotis		2 (1 female (nr); 1 male (nr))
<i>Pipistrellus subflavus</i> , eastern pipistrelle		2 males (nr)
Unknown		2 unknown
Total species	=	4
Total individuals	=	77

Location 2: Petersburg Cave. Start Time: 2000; End Time: 2400; Start Temp: 73°F, End Temp: 70°F

Site 1: One 18-foot mist net set in front of lower cave entrance

<i>Eptesicus fuscus</i> , big brown bat		3 males (2a (nr), 1j (nr))
<i>Myotis lucifugus</i> , little brown myotis		13 (9 females (7a (5nr, 2pl), 2j (nr)); 4 males (3a, nr: 1j, nr))
<i>Myotis septentrionalis</i> , northern myotis		5 (4 males (3 a (2nr, 1s), 1j (nr); 1 unknown)
<i>Pipistrellus subflavus</i> , eastern pipistrelle		12 (6 females (1 a (nr), 5 j (nr), 6 males (3a (nr), 3j (1nr, 1s))
Unknown		3 unknown
Total species	=	4
Total individuals	=	36

Location 2: State Game Lands #166, Beaver Ponds. Start Time: 2030; End Time: 2330; Start Temp: 71°F, End Temp: 72.5°F

Site 1: One 18-foot mist net set over water at beaver pond bridge, plus one double-high 18-foot net and one double-high 30-foot net set on bridge.

<i>Eptesicus fuscus</i> , big brown bat		1 male (j, s)
<i>Lasiurus borealis</i> , red bat		4 (2 males (1 a, nr; 1 j, s), 2 unknown)
<i>Myotis leibii</i> , eastern small-footed myotis		1 male (a, nr)
<i>Myotis lucifugus</i> , little brown myotis		3 males (nr)
<i>Myotis septentrionalis</i> , northern myotis		3 (1 female (a, pl), 2 males (a (1nr, 1s))
Total species	=	5
Total individuals	=	12

Capture Summary 15-18 August 2005

One 8-foot mist nets, thirteen 18-foot mist nets, two double-high 18-foot mist nets, three triple-high 18-foot mist nets, four 30-foot mist nets, one double high 30-foot mist net, three triple-high 30-foot mist nets, eight 42-foot mist nets, one double high 42-foot mist net, one triple-high 42-foot mist net, and three large Ausbat harp traps (128.75 net/trap hours)

<i>Eptesicus fuscus</i> , big brown bat	19 (4 f (3a (1nr, 2pl), 1j(nr); 14 m (12 a, nr; 2j (1nr, 1s); 1u))
<i>Lasiurus borealis</i> , red bat	9 (2f (j, nr); 4m (1a (nr), 2j (1nr, 1s); 3 unknown)
<i>Lasiurus cinereus</i> , hoary bat	2 (1 male (j, nr); 1 unknown)
<i>Myotis leibii</i> , eastern small-footed myotis	7 (1 female (a, pl); 6 males (a, nr))
<i>Myotis lucifugus</i> , little brown myotis	399 (242f (226a (200nr, 25pl, 1u); 16j (nr)), 154m (146a (144 nr, 2s); 8j (nr); 3 unk)
<i>Myotis septentrionalis</i> , northern myotis	27 (9f (7a (5nr, 2pl)), 17m (15a (13nr, 2s), 2j (nr)), 1 unk)
<i>Myotis</i> sp, unknown	3 unknown
<i>Pipistrellus subflavus</i> , eastern pipistrelle	23 (6 f (1a (nr), 6j (nr)), 17 m (7a (nr), 10j (9nr, 1s))
Unknown	5 unknown
Grand Total Species	7
Grand Total Individuals	494

Please direct all inquiries regarding this data to:

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