

1999 BCI Bat Conservation and Management Workshop
Siskiyou County, Tulelake, CA
 Capture Data

J.Tyburec/BCI

Session: July 29 thru August 3, 1999
 Day 01: 30 July: Start Time: 2100, End Time: 2200 (Start Temp: 70F, End Temp: 69F)
 Location A: Lava Beds National Monument — Merrill Ice Cave, Bearpaw Bridge and Bearpaw Cave; Lava tube caves among sagebrush grassland and scrub forest

Altitude: 4880-ft
 UTM: Loc: 10 Easting: 0621.17 Northing: 4619.95

Site #1: Merrill Cave entrance and north-facing entrance of Bearpaw Bridge. One 18-foot mist net at north facing entrance of Bearpaw Bridge, and one 30-foot mist net above north side of Merrill Cave.

<i>Myotis ciliolabrum</i> , western small-footed myotis		1 male (a)
<i>Myotis volans</i> , long-legged myotis		2 males (a)
Total species	=	2
Total individuals	=	3

Site #2: One large Austbat harp trap in front of main entrance (north of stairs) to Merrill Cave

<i>Myotis ciliolabrum</i> , western small-footed myotis		2 females (a-nr)
<i>Myotis evotis</i> , long-eared myotis		2 females (a-nr)
Total species	=	2
Total individuals	=	4

Site #3: One 30-foot net above south-facing entrance of Merrill Ice Cave, one 18-foot net in front of south-facing entrance of Merrill Cave, and one 18-foot net in front of north-facing entrance to Bearpaw Bridge.

<i>Antrozous pallidus</i> , pallid bat		1 male (a)
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat		1 male (a)
<i>Myotis ciliolabrum</i> , western small-footed myotis		1 male (a)
<i>Myotis evotis</i> , long-eared myotis		1 male (a)
<i>Myotis lucifugus</i> , little brown myotis		11 (2 females (a-l), 9 males (a))
Total species	=	5
Total individuals	=	15

Site #4: One 18-foot mist net in front of south facing entrance to Bearpaw Bridge and one 18-foot mist net in front of Bearpaw Cave entrance.

<i>Eptesicus fuscus</i> , big brown bat		3 males (a)
<i>Myotis ciliolabrum</i> , western small-footed myotis		1 male (a)
<i>Myotis evotis</i> , fringed myotis		1 male (a)
<i>Myotis lucifugus</i> , little brown bat		1 male (a)
Total species	=	4
Total individuals	=	6

Day 02: 31 July 1999 — Start Time: 21:00; End Time: 22:30 (Start Temp: 58F; End Temp: 50F)

Location B: Payne Springs; Medicine Lake Highlands, Modoc National Forest; wet meadow clearing in mixed pine forested habitat.

Altitude: 6580-ft
 UTM: Loc: 10 Easting: 0620.49 Northing: 4600.67

Site #1: One 42-foot, one 30-foot, and one 8-foot net set over a small 4x6' pool in open meadow

<i>Lasionycteris noctivagans</i> , silver-haired bat		1 female (a-l)
<i>Myotis evotis</i> , long-eared myotis		4 (1 female (a-nr), 3 males (a))
Total species	=	2
Total individuals	=	5

Location C: Alcohol Crater Lake; Medicine Lake Highlands, Modoc National Forest; ponderosa pine habitat near ridge-top surrounding large, multi-acre open shallow lake.

Altitude: 6710-ft
 UTM: Loc: 10 Easting: 0620.61 Northing: 4604.43

Site #1: Two 30-foot mist nets, two 42-foot mist nets, and one large Austbat harp trap set end-to-end in a row along the ridge top at the saddle between Alcohol Crater and Alcohol Crater Lake.

<i>Myotis evotis</i> , long-eared myotis		4 males (a)
Total species	=	1
Total individuals	=	4

Site #2: Three 42-foot mist nets set end to end over the east end of the lake over the water in a cove having a swoop-zone of about 90x600 feet.

<i>Lasionycteris noctivagans</i> , silver-haired bat			1 male (a)
<i>Myotis evotis</i> , long-eared myotis			1 male (a)
<i>Myotis lucifugus</i> , little brown myotis			15 males (a)
Total species	=		3
Total individuals	=		17

Day 03: 01 August 1999 — Start Time: 21:00 End Time: 24:00 (Start Temp: 52F End Temp: 55F)

Location D: Heppe Ice Cave, Lava Beds National Monument; Lava tube cave in sagebrush/grassland habitat near scrub forest/pine woodland.

Altitude: 5280-ft

UTM: Loc: 10 Easting: 0621.05 Northing: 4617.21

Site #1: Larger/lower entrance. One 30-foot mist net, One Large Austbat Harp Trap, and One 18-foot mist net set end to end in front of cave entrance, blocking 1/3 to 1/2 the height of the entrance.

<i>Antrozous pallidus</i> , pallid bat			2 males (a)
<i>Myotis ciliolabrum</i> , western small-footed myotis			2 males (a)
<i>Myotis evotis</i> , long-eared myotis			3 males (a)
Total species	=		3
Total individuals	=		7

Site #2: Smaller/upper entrance. One 18-foot mist net set across cave entrance.

<i>Eptesicus fuscus</i> , big brown bat			1 male (a)
<i>Myotis californicus</i> , California myotis			1 male (a)
<i>Myotis ciliolabrum</i> , western small-footed myotis			10 (5 males (a), 5 females (1a-l, 4a-nr))
<i>Myotis evotis</i> , long-eared myotis			17 (7 males (a), 10 females (4a-l, 6a-nr))
<i>Myotis lucifugus</i> , little brown myotis			15 (13 males (a), 2 females (1a-pl, 1a-nr))
<i>Myotis volans</i> , long-legged myotis			8 males (a)
Total species	=		6
Total individuals	=		52

Location E: Big Painted Cave, Lava Beds National Monument; Lava tube cave in sagebrush/grassland habitat near scrub forest/pine woodland. — Start Time: 21:00 End Time: 23:30, 62F

Altitude: 4660-ft

UTM: Loc: 10 Easting: 0623.37 Northing: 4620.00

Site #1: One 30-foot mist net and one 18-foot mist net set in cave entrance.

<i>Myotis californicus</i> , California myotis			1 male (j)
<i>Myotis evotis</i> , long-eared myotis			1 male (a)
Total species	=		2
Total individuals	=		2

Location F: Post Office and Big Ice Caves, Lava Beds National Monument; Lava tube cave in sagebrush/grassland habitat near scrub forest/pine woodland. — Start Time: 20:30 End Time: 23:30. Temp: 60F

Altitude: 4640-ft

UTM: Loc: 10 Easting: 0626.63 Northing: 4615.85

Site #1: Post Office, lower entrance. One 18-foot mist net set in v-formation at entrance.

<i>Antrozous pallidus</i> , pallid bat			1 male (a)
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat			1 male (a)
<i>Eptesicus fuscus</i> , big brown bat			1 male (a)
Total species	=		3
Total individuals	=		3

Site #2: Post Office, upper entrance. One 8-foot mist net set in front of cave entrance.

Total species	=		0
Total individuals	=		0

Site #3: Big Ice Cave. One 18-foot mist net set in front of cave entrance.

Total species	=		0
Total individuals	=		0

Day 04: 02 August 1999 — Start Time: 21:00, End Time: 23:00. Start Temp: 60F, End Temp: 64F, breezy
 Location G: Stock ponds at Willow Creek near Mt. Dome; sagebrush grassland adjacent to scrub forest habitat.
 Altitude: 5580-ft
 UTM: Loc: 10 Easting: 0605.00 Northing: 4629.80
 Site #1: Three 42-foot mist nets, two 18-foot mist nets and one 30-foot mist net set to cover 2 adjacent ponds.

<i>Myotis lucifugus</i> , little brown myotis		2 males (a)
Total species	=	1
Total individuals	=	2

Site #2: One 30-foot mist net set over small stock pond just north of Site #1

<i>Antrozous pallidus</i> , pallid bat		1 male (a)
<i>Myotis ciliolabrum</i> , western small-footed myotis		1 female (a-l)
Total species	=	2
Total individuals	=	2

Location H: Hidden Valley, Lava Beds National Monument; Ponderosa pine forest habitat.

Altitude: 5200-ft

UTM: Loc: 10 Easting: 0621.27 Northing: 4616.67

Site #1: Three 42-foot mist nets, three 30-foot mist nets and one 18-foot mist net stretched end to end from a center point in the valley, forming three spokes out to the valley edges.

Total species	=	0
Total individuals	=	0

– though no bats were caught, several bats were seen emerging from a nearby snag. Bat activity and foraging activity was documented on bat detectors.

Summary of Capture Results: July 30 thru August 2, 1999

Two 8-foot mist nets, Thirteen 18-foot mist nets, Twelve 30-foot mist nets, Twelve 42-foot mist nets and Three Large AustBat Harp Traps (75.5 Total Net/Trap-Hours)

<i>Antrozous pallidus</i> , pallid bat		5 males (a)
<i>Corynorhinus townsendii</i> , Townsend's big-eared bat		2 males (a)
<i>Eptesicus fuscus</i> , big brown bat		5 males (a)
<i>Lasionycteris noctivagans</i> , silver-haired bat		2 (1 male (a), 1 female (a-l))
<i>Myotis californicus</i> , California myotis		2 males (1a, 1j)
<i>Myotis ciliolabrum</i> , western small-footed myotis		18 (10 males (a), 8 females (2a-l, 6a-nr))
<i>Myotis evotis</i> , long-eared myotis		34 (21 males (a), 13 females (3a-l, 1a-pl, 9a-nr))
<i>Myotis lucifugus</i> , little brown myotis		44 (40 males (a), 4 females (3a-l, 1nr))
<i>Myotis volans</i> , long-legged myotis		10 males (a)
Total species	=	9
Total individuals	=	122

Abbreviations Used in this Report

a = adult • j= juvenile • p = pregnant • l = lactating • pl = post-lactating • nr = non-reproductive • unk = unknown

See Attached Sheets For:
 Complete Descriptions of Netting Localities and Locator Map