

Location:

City or County, State

Client Information:

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Dates:

June – July 2015

Present Status:

Complete

Project Type:

Presence/absence bat
survey

Project Management:

Plexus Scientific Corp.

Team Members:

Plexus Scientific Corp.
Jackson Group

Major Project Elements:

Mist-Net Survey

Fort Campbell Bat Survey

Jackson Group worked with Plexus Scientific Corp. as a subcontractor to inventory bat species within the Fort Campbell military reservation.

Surveys were done all across the 102,000 acre military installation. The goal of the survey was to determine

presence/probable absence of federally listed threatened and endangered bat species, specifically northern long-eared bats (*Myotis septentrionalis*) and Indiana bats (*M. sodalis*).

All surveys followed the United States Fish and Wildlife Service (USFWS) most recent guidelines, the *2015 Range-Wide Indiana Bat Summer Survey Guidelines, April 2015* and were conducted by federally permitted biologists by the USFWS to preform surveys on Indiana bats and northern long-eared bats.



There are sixteen (16) species that can be found in Tennessee; six (6) species of which were represented in surveys done on Fort Campbell: big brown bat (*Eptesicus fuscus*), eastern red bat (*Lasiurus borealis*), gray bat (*M.*

grisescens), little brown bat (*M. lucifugus*), tri-colored bat (*Perimyotis subflavus*), and evening bat (*Nycticeius humeralis*). All bats were released after morphometric data was collected.



Bat Survey

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