

# John Chenger

220 Old Stone House Road North

jchenger@batmanagement.com

Cell: 814-442-4246

Carlisle, PA 17015

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- **Endangered species biologist and company head with 24+ years of experience with bat sampling and management**
  - **Designer of projects, sampling plans, and specialty equipment to meet clients' permit sampling needs**
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## Areas of Expertise

*Large Project Mist Net Sampling Plans  
PCG WEVCA/USFWS Compliance*

*Indiana Bat Migration Telemetry  
Bat Artificial Roost Design*

*Bat Acoustic Survey & Analysis  
Bat Survey Training*

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## Professional Experience

Bat Conservation and Management, Inc. — Carlisle, PA

1999 to Present

### President/Project Biologist

Created a company based on performing high quality bat sampling and management services for industrial, commercial and government clients; Selected Contributions:

- Design, supervise and run projects to meet USFWS section 7 and 10 Indiana bat consultation needs
- Supervise up to 20 employees, sampling over 1,700 summer mist net sites and fall & spring mine surveys in 17 states across more than 125 projects.
- Design bat acoustic monitoring studies and provide expert manual analysis of recordings. Also expert in using SonoBat, Kaleidoscope, Echoclass, and BCID analysis software.
- Supervised employees radio tracking of over 215 bats of 6 species since 2000, including Myso, Myse, Myle, Mylu, Labo, and Laci. Tracking included migration, summer foraging, and locating roosts.
- Supervise employees providing surveys covering most of the needs of developers including mist net surveys, woodrat surveys, bat acoustic surveys, cave and mine project area evaluations, small-footed bat habitat evaluations, and artificial roost design and creation.
- Instructed or co-led over 45 training workshops for federal & state biologists, land managers, and consultants for proper use of acoustic monitoring equipment and bat capture techniques.
- Permitted to sample bats nationwide.

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Pennsylvania Game Commission

1992-2006

### Biologist Aide

Assisted PGC biologists in a wide variety of biological sampling; Target animals included bats, woodrats, flying squirrels, small mammals, and peregrine falcons Selected Contributions:

- Performed bat mist net, harp trap, and Anabat surveys; Handled 20,000+ individual bats
- Performed 300+ hibernacula surveys in caves, mines, tunnels, and aqueducts; Skilled in internal and external surveys; Identified 200,000+ individual bats in cave and mine surveys
- Assisted with first identification of modern use at 8 of PA and 2 NJ *M. sodalis* (Indiana bat) hibernacula
- Surveyed potential sites for presence or historic presence of the Allegheny woodrat (*N. magister*)
- Ran small mammal trap lines in remote locations across PA