

Myotis leibii

Eastern small-footed bat

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Park Biologist



Known Ohio Capture Locations

- Erie County (1842): Type Specimen (John Audubon and John Bachman) (V)
- Perry County (1986) (V)
- Belmont County (2007)
- Erie County (2011)
- Summit County (2012)






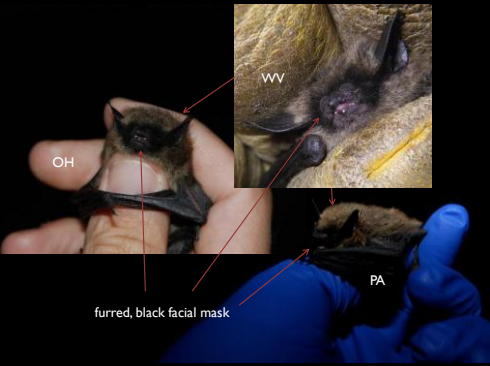

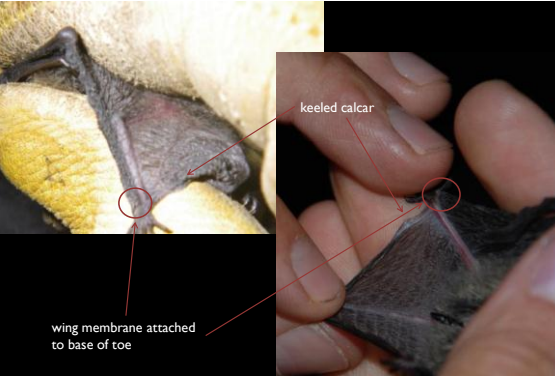


Physical Characteristics

Measurements:

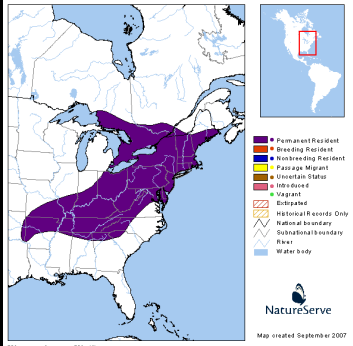
- Small bat, similarly sized to *Perimyotis subflavus*
 - 3-7 g
 - FA length 30-34 mm
- Somewhat longer ears, proportionately; 12-15 mm
- Small feet; 6-8 mm (*M. lucifugus* avg: 8-10 mm)

Coloration:


- Golden to yellowish dorsal fur with sheen
- Lighter ventral fur
- Distinct black furred facial mask
- Dark to black ears and wing and tail membranes

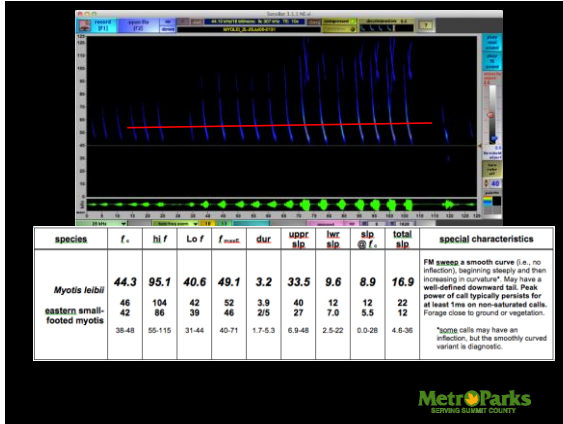








Distribution



Map created September 2007





Literature and Studies Performed

- Species accounts
 - Type specimen (Audubon and Bachman: 1851)
 - State records; summer and hibernation (Vermont, Arkansas, Maryland, New Hampshire, Kentucky, etc)
- Survival Rates
 - Comparing survival for *M. leibii* and *E. fuscus* in Ontario (Hitchcock et al: 1984)
- Feeding Habits
 - Fall swarming feeding habits in West Virginia (Johnson and Gates: 2007)
 - Foraging habits of females in Maryland (Johnson et al: 2009)
- Migration/Roost Selection
 - Spring Migration/Roost Selection in Maryland (Johnson and Gates: 2008)
 - Day roost selection and use in West Virginia (Johnson et al: 2011)
 - Cave/Mine aperture features and how they affect bat usage (Johnson et al: 2006)
 - Maternity colony characteristics in abandoned building (O'Keefe and LaVoie: 2011)
- Areas for research
 - Migration distances and pathways, if any
 - Population tallies/densities
 - Limiting factors