

# Bats and the Metro Parks

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# Resource Management Goal

- Manage the available resource base in a manner which provides the optimal amount of quality habitat, preserves the composition of the native communities, and benefits the largest amount of species possible.



# Bats in our Metro Parks

- Little Brown Bat
- Big Brown Bat
- Indiana Bat
- Northern Bat
- Tri-colored Bat
- Red Bat
- Hoary Bat





# Silver-haired Bat







# Clear Creek Metro Park

Hocking and Fairfield Counties

- **1999-2000 Mist net surveys**
- **6 species confirmed**
- **2013 est. 30-mile Acoustic Route**

*Hoary Bat*





**Clear Creek  
Pickerington Ponds  
Battelle Darby Creek**

# **Battelle Darby Creek Metro Park**

**Madison and Franklin Counties**

- **2007-09 Mist net surveys**
- **2008 Radio telemetry study**
- **2009-11 Roost tree monitoring**
- **2012 est. 30-mile Acoustic Route**

***6 species including Indiana Bat***



# Roost A Tree

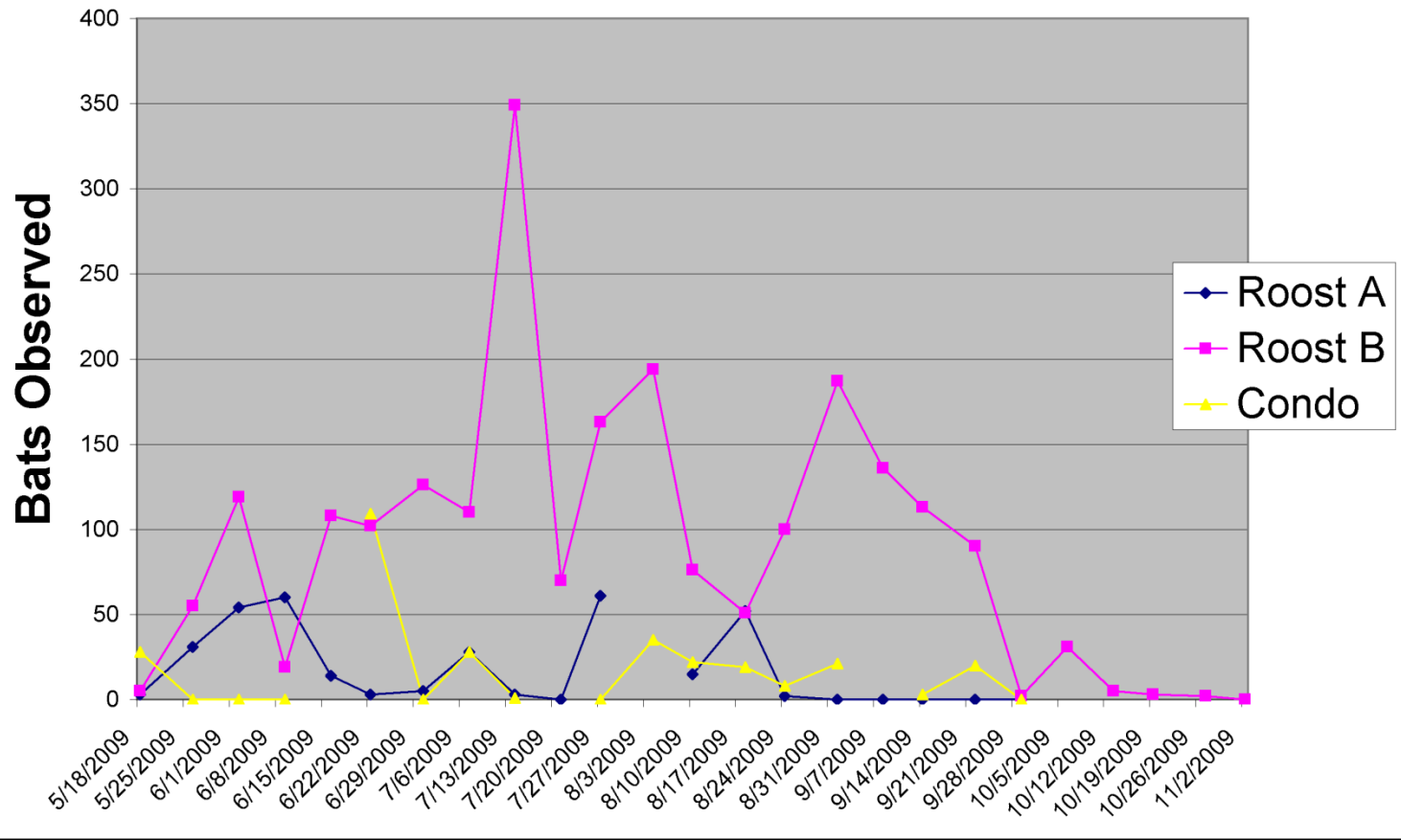




# Roost B Tree

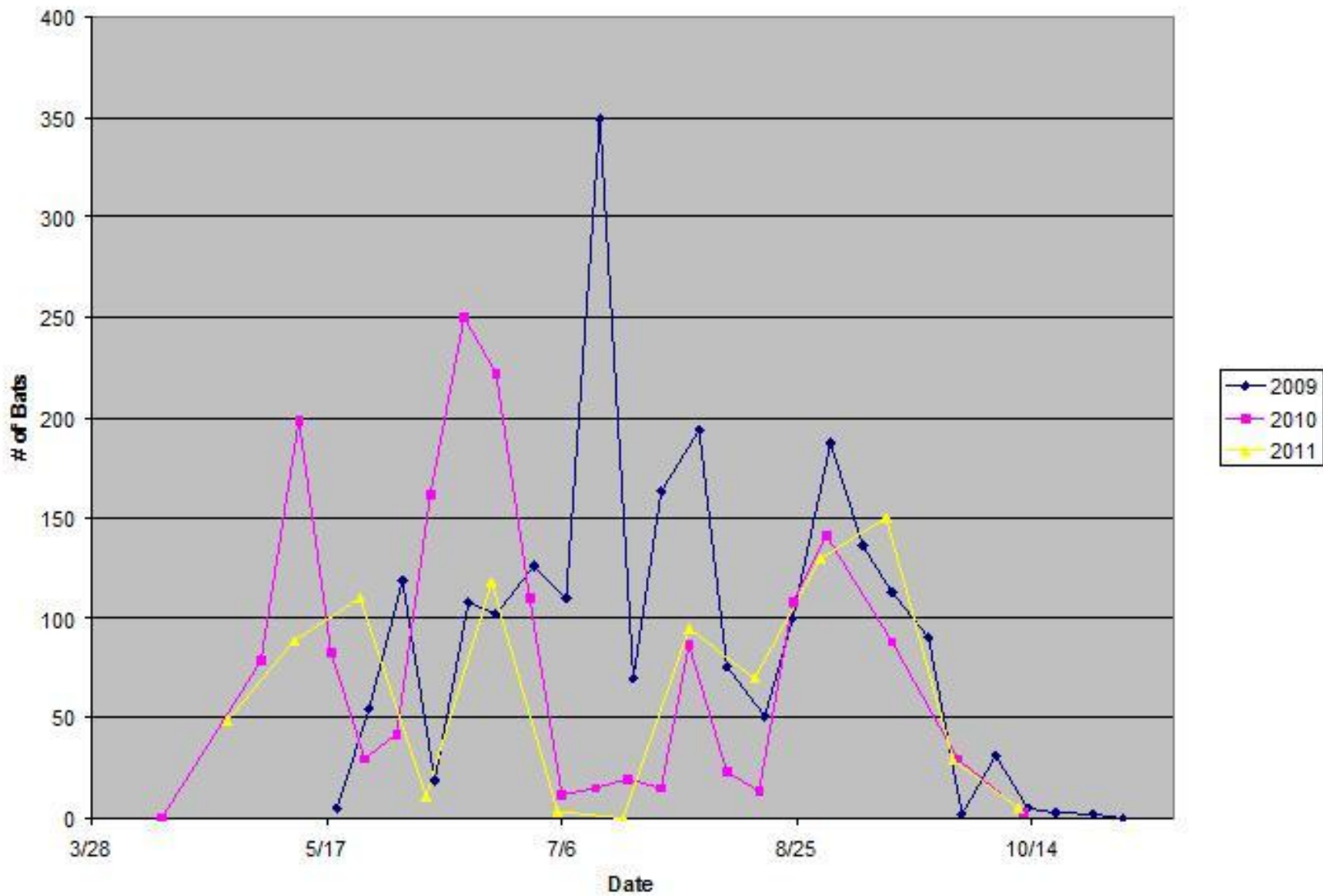


## 2009 Bat Exit Counts





Indiana Bats Exiting Roost B 2009-2011

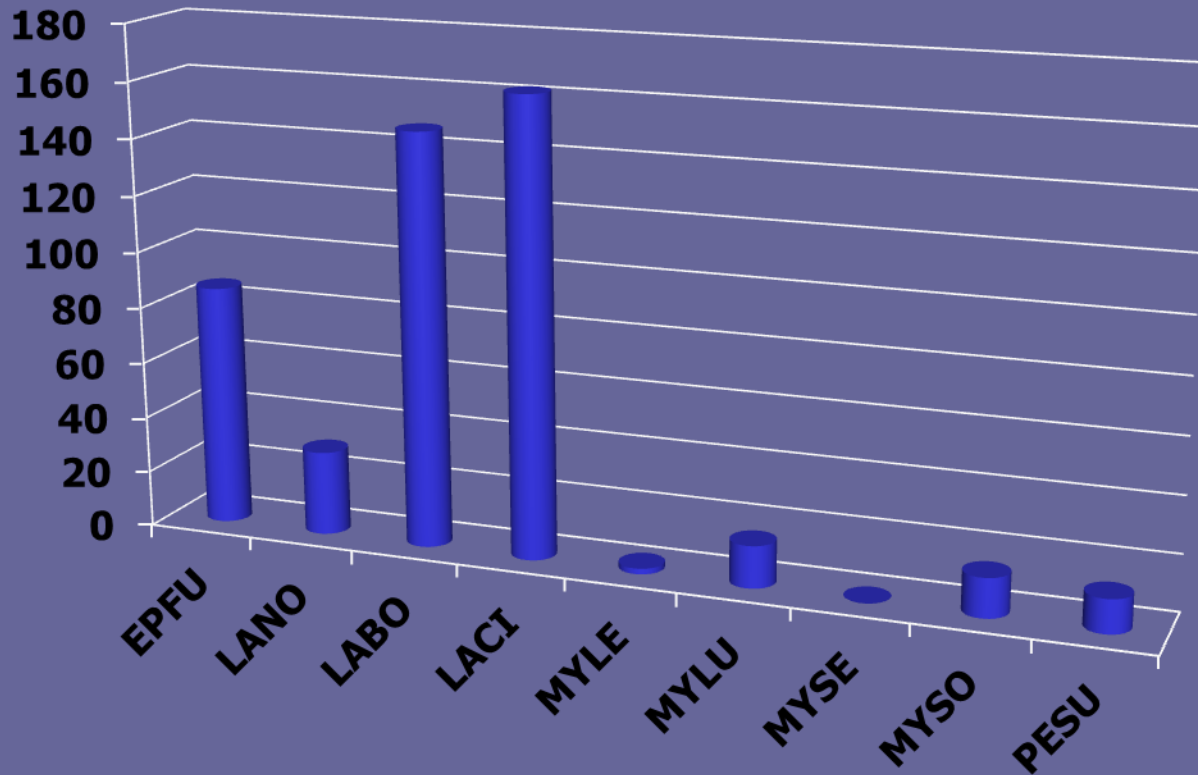


# Acoustic Monitoring

- Participate in state-wide 30 mile routes:  
Darby Watershed, Clear Creek/Hocking Hills  
and Northern Reservoirs
- Three survey nights in July
- Software still improving
  
- Utilize Anabat unit to monitor condo activity
- Attempt to re-locate lost colony



# Darby Watershed



**2012 Acoustic Route**



**Arby Watershed**

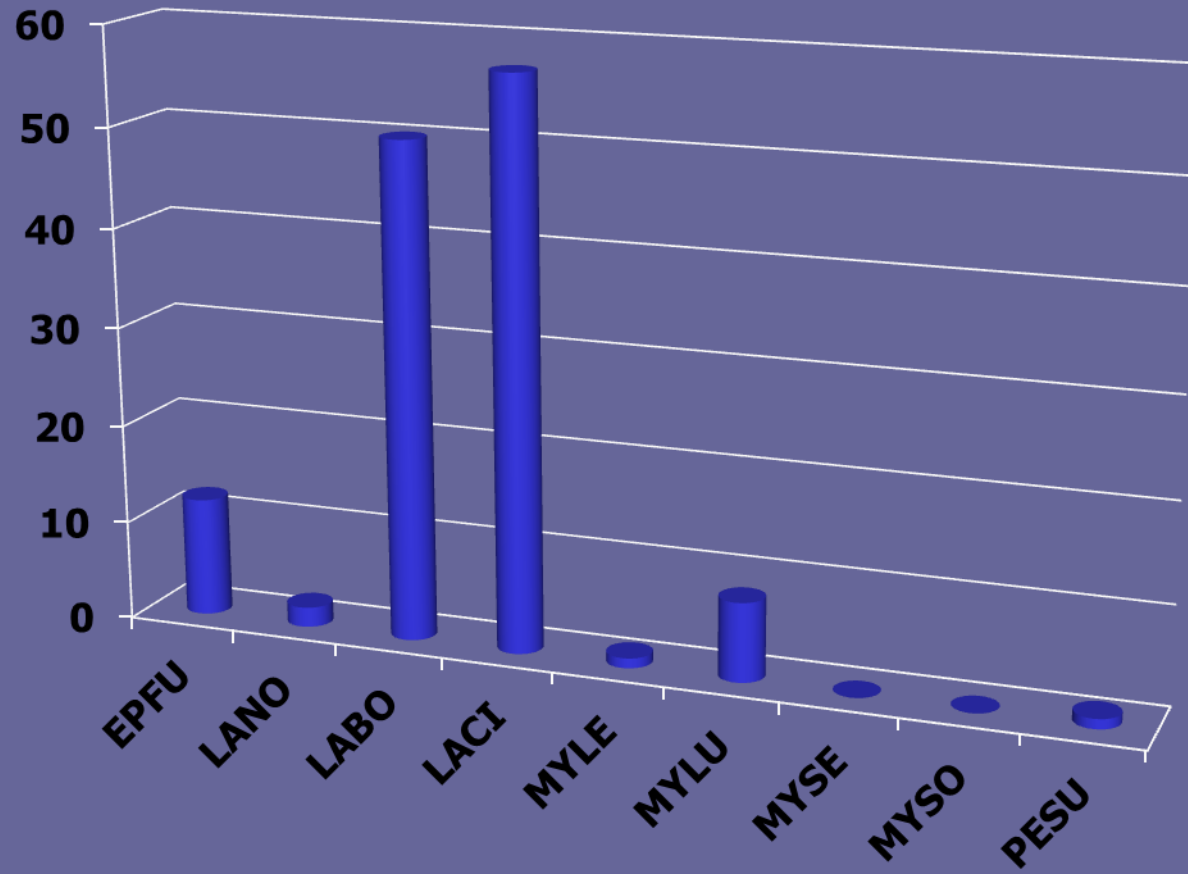
# Hoary Bat and Little Brown Bat

**2012 Acoustic Route**





# 2013 Darby Route





**13 Darby Road**

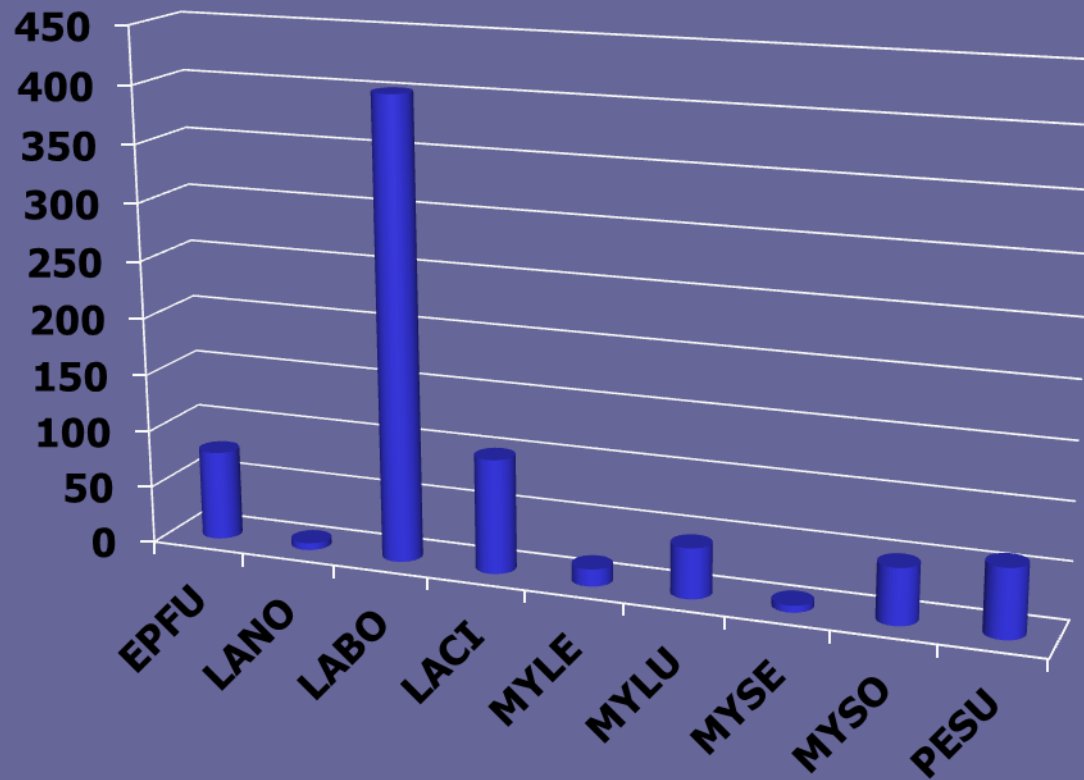


**Big Brown Bat**  
**Indiana Bat**  
**Tri-colored Bat**





# Clear Creek/Hocking Hills



**2013 Acoustic Route**



**er Creek/Hockin**

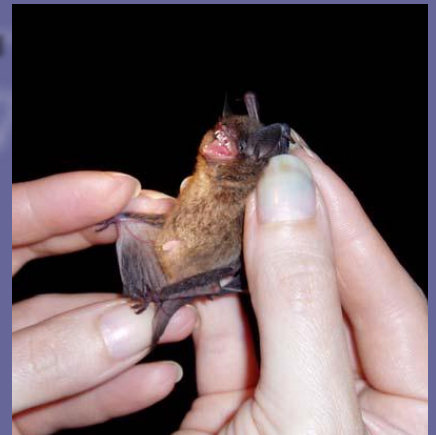


**Hoary Bat**

**Little Brown Bat**

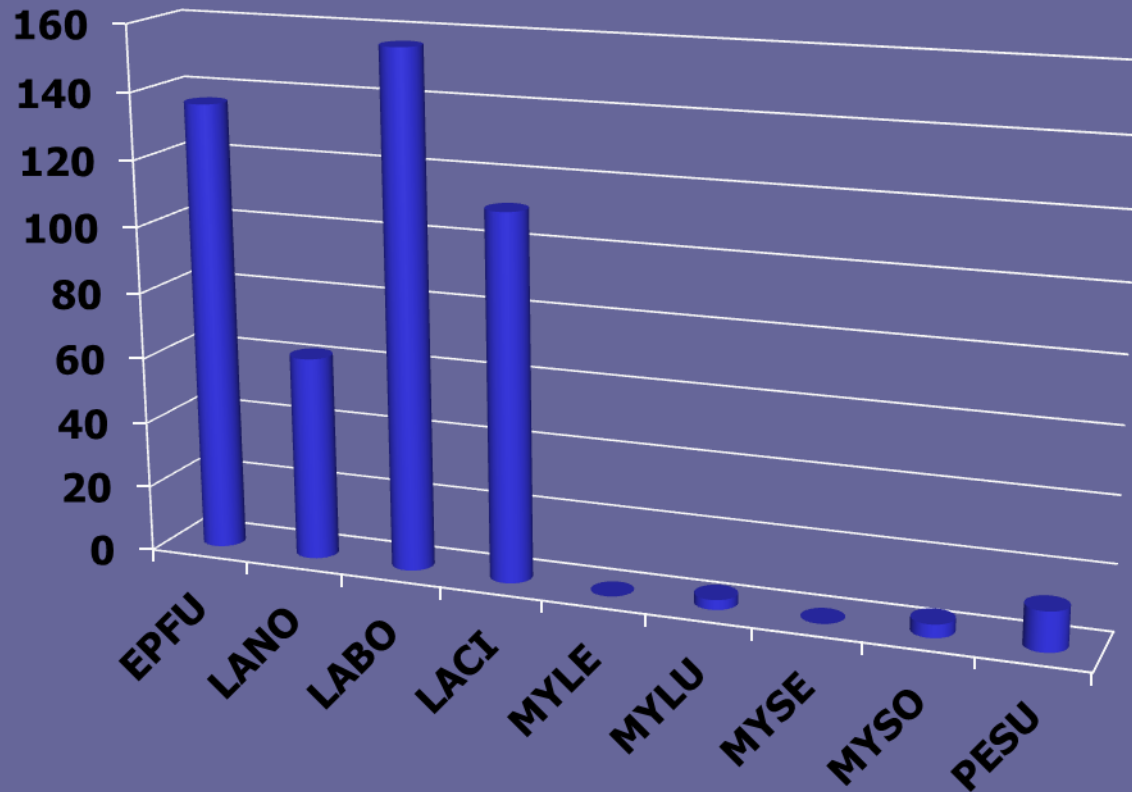
**Indiana Bat**

**2013 Acoustic Route**

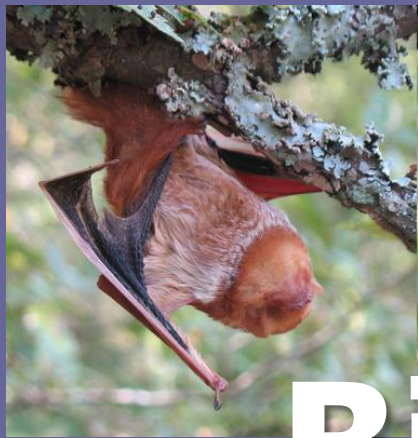




# Northern Reservoirs



**2013 Acoustic Route**



**orthern Reservoirs**

**Big Brown Bat**

**Silver-haired Bat**

**Red Bat**

**Tri-colored Bat**

**2013 Acoustic Route**





# Thank you!



Painting by Beth Hollinden, 2013

# Questions?