

BCI Acoustic Monitoring Workshop – Mammoth Cave, KY

DRAFT Agenda: September 11-16, 2007

*****Please note: this is a DRAFT agenda and is subject to change.***

- Day 1 1:00 pm–Meet at Baggage Claim/Nashville Airport & Depart for Hamilton Valley (110 mi; 2 hr drive)
4:30–Welcome and Overview of Mammoth Cave System
5:30–Dinner
6:30--Field Trip: James Cave for Night Vision Viewing and Bat Detector Demonstration
7:30--Field Lecture/Demonstration: Bat detector types, using detectors, active monitoring, following bats
- Day 2 8:30AM--Breakfast
9:00--Lecture/Discussion: Echolocation 101 – Biology and Technology
11:00--Lecture/Discussion: Get to know your Anabat and Pettersson
12:00--Lunch and Break
1:00--Setting up Anabat AND Pettersson/Sonobat Equipment/Software (optional)
4:00--Break Out Session: File Management
5:00--Lecture/Discussion: Methods for Acquiring Reference Calls
6:00--Dinner
6:30--12 AM Netting/trapping, light-tagging, zip-lining and recording bats
- Day 3 8:30AM--Self-serve Breakfast
9:00--Simultaneous Activity: Anabat/Sonobat Analysis of Previous Night's Calls
12:00--Lunch and Break
2:00--Small Group Interaction
4:00--Break Out Session: Individual Analysis of Previous Night's Calls
6:00--Dinner
6:30--12 AM Netting/Trapping, Light-tagging, Zip-lining and Recording Bats
- Day 4 8:30AM-- Breakfast
9:00--Simultaneous Activity: Analysis of Previous Night's Calls – “process to determine bat calls”
12:00--Lunch and Break
2:00--Lecture/Discussion: Anabat Configurations for passive/long-term recording & designing an echolocation monitoring
3:00--Lecture/Discussion: Advanced Pettersson Configurations for passive/long-recording
4:00--Break Out Session: Individual Analysis of Previous Night's Calls
6:00--Dinner
6:30--12 AM Netting/Trapping, Light-tagging, Zip-lining and Recording Bats
- Day 5 8:30AM-- Breakfast
9:00--Simultaneous Activity: Analysis of Previous Night's Calls – “process to determine bat calls”
10:00--Lecture/Discussion: Creating and using a call library (plus measuring call parameters)
11:00--Lecture/Discussion: Analyzing Call Data from a species distribution/sites occupied perspective
12:00--Lunch and Break
2:00--Participatory Discussion: Strengths and Limitations of Anabat vs. Sonobat
3:00--Lecture/Discussion: Future Innovations in Echolocation Monitoring
4:00-- Break Out Session: Individual Analysis of Previous Night's Calls
6:00--Dinner
6:30--12 AM Netting/Trapping, Light-tagging, Zip-lining and Recording Bats
- Day 6 8:30AM--Breakfast
9:00–Thank you, Evaluations and Good bye
9:30–Return Travel to Nashville International Airport