

Eastern Spring Courses:

New Manual Bat Call Identification Refresher Course

April 3rd 1pm to April 5th 3pm Columbia MO

This course designed for those bat workers who already have experience with manual ID and would like to refine their skills. Manual ID is often difficult and there is little feedback to assist learning. This course is an opportunity to get just that. We will take species groupings that are difficult to distinguish and work through the issues, including using exercises to provide practical experience. Eastern US and Canada bats will be covered. Myotis ID will be a prominent topic, but other groupings will also be covered depending on interest. We will work with both full spectrum and zero crossings data. Course will have daytime and evening class/field sessions.

Conveniently, this course will be offered right before the MWBWG Meeting and only 30 minutes from the conference venue.

For questions or to register, please contact Kim Livengood at kim@titley-scientific.us or 573-442-8745. Registration \$1200

Acoustics Field and Analysis Condensed Course

April 8th 9am to April 11th 3pm Columbia, MO

This is a shorter version of our full course. It provides participants with an understanding of what acoustical surveys can achieve and what are realistic goals and expectations. Our students will get a solid grounding in the principles of bat acoustical surveys and enough experience with identifying species from their calls that they will know how to assess if an acoustic survey would be the right approach for their needs. Emphasis will be placed on the strengths and weaknesses of different recording methods, technologies and software and provide field experience in detector use, site selection, and deployments so students can understand the equipment needed and how to plan and begin their own work. Classroom exercises will give hands on practice with processing both full spectrum and zero crossings data, understanding manual identification, and the use of various software packages for manual and automatic identification. At night, we will get hands-on experience deploying detectors, mobile monitoring and watching and recording wild bats. Anabat detector models will be available to the class and participants are welcome to bring their own detectors. Software packages used or discussed include AnlookW, Anabat Insight, and Auto ID approved by the FWS.

Conveniently, this course will be offered right after the MWBWG Meeting and only 30 minutes from the conference venue.

For questions or to register, please contact Kim Livengood at kim@titley-scientific.us or 573-442-8745. Registration \$1550

Comprehensive Bat Acoustical Survey Course

April 30th 10am to May 5th 2pm Crossnore NC

This is a more intensive course which will cover all the topics in the Condensed Course (please read above description), but with more detail and additional hands-on experience. Participants will gain a comprehensive understanding of what acoustical surveys can achieve and what are realistic goals and expectations. We emphasize how to identify the regional bat species from their call recordings (both full spectrum and zero crossings) and we will also illustrate how to use visual observations can assist bat call identification. Emphasis will be placed on the strengths and weaknesses of different methods, technologies and software and provide field experience to assist in detector site selection, and deployment strategies. We will cover active, mobile and passive detection methods and make it clear how these can work together.

Classroom exercises will give hands-on practice with processing data, understanding manual identification, and the use of various software packages for manual and automatic identification. At night, we will get hands-on experience with watching and recording wild bats.

Participants will gain a good understanding of the use of Auto ID software and to use its outputs to save time in the analysis of passively recorded data.

For questions or to register, please contact Kim Livengood at kim@titley-scientific.us or 573-442-8745. Registration \$2150