

ACOUSTIC MONITORING HANDBOOK REQUEST FOR CASE STUDIES

OVERVIEW

One planned outcome of the upcoming 2017 2nd International Bat Echolocation Symposium is a Handbook detailing relevant information and best practices for acoustic monitoring of bat populations. Among other topics, the final chapter of the handbook will include four or five one-page descriptions of well-designed and -executed acoustic surveys (case studies). The point of this section is to provide concrete examples of the concepts discussed in chapters 1 through 5. Ideally, it will represent a diversity of research questions, detector and call ID software choices, and geographical areas. Case studies may illustrate examples of high and low activity, as well as comparisons of data sets from pre- and post-WNS scenarios.

REQUEST FOR CASE STUDIES

The Handbook editors are requesting that conference participants provide us with examples of research projects to use as case studies. We will select four or five that best meet the needs of the handbook. All case studies should have associated publications that readers can access for more information (and in the best case scenario would be open-access). We acknowledge at the outset that we will have hard decisions to make in terms of what examples to include in detail but we ask that you make these choices hard for us by submitting your suggestions.

We ask that you provide us with a one page (single spaced 12 point font) description of your study including a citation to the work. These studies should have the collection of acoustic data as the primary theme. Your description should focus on facets of the work that highlight the type of detector system and where applicable, the species identification software used. Further, the description should convey details about the question being addressed (project type e.g., survey, habitat use etc.) and the experimental / sampling design. Details about the sample size (nights, years), number of detector systems and nature of deployment are important. A brief justification for why you think your study is a good exemplar would be helpful to us. Please provide an electronic copy of your one page description to us by the outset of the meeting.

We will summarize the examples of studies that are not included in the detailed case studies in a table of citations at the end of the chapter ordered by project type. The purpose of the table is to provide a more comprehensive list for handbook readers as to the variety of studies on given topics.

Please send any queries and all case study submissions to Mark Brigham at mark.brigham@uregina.ca