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| **Birdsong Identification** | |
| Date  Start/finish times | 13 and 20th March 2020  9:30am - 16:00pm |
| Location | Colt Park Barn, nr Ribblehead |
| Training Provider | Carlos Abrahams MCIEEM    07739 346112  [c.abrahams@bakerconsultants.co.uk](mailto:c.abrahams@bakerconsultants.co.uk) |
| Learning Outcomes | 1. Begin to recognise a range of bird songs and calls. 2. Gain familiarity with the use of bird vocalizations as a survey method 3. Understand how bioacoustics methods can be used to aid bird survey 4. Try out a range of hardware and software for recording and recognising bird vocalizations |
| Programme | 09:00 – 09:30 Arrival  09:30 – 10:30 Introduction to bird song and calls, and how we can use them for field survey – by ear and recording  10:30 - 12:00 Practical field listening and recording session  12:00 - 12:30 Download recordings, sort, listen and display (software)  12:30 - 13:00 Lunch break  13:00 – 14:00 More field/indoor listening or recording – use of bird call key  14:00 - 15:00 Bird survey methods  15:00 – 16:00 Using survey results: species and soundscapes  15:30 – 16:00 Round-up  16:00 Finish    \**Please note that timings (apart from the start and finish times) are indicative, will be guided by participants, and may be changed at the trainer’s discretion.* |
| What to bring with you | Binoculars  Bird identification books  Laptop – with Audacity installed.  Headphones  Mobile phone with voice recorder app.  Any sound recording equipment you have. |
| Background reading | * Adrian Thomas (2019) RSPB Guide to Birdsong. Bloomsbury * WWF Acoustic Monitoring guidelines : <https://www.wwf.org.uk/project/conservationtechnology/acoustic-monitoring> * Mark Constantine & The Sound Approach (2006) The Sound Approach to Birding. The Sound Approach * Bernie Krause (2016) Wild Soundscapes. Yale University Press |