

# *Acoustic Bat Survey and Sound Analysis Course 2010*

**23<sup>rd</sup> August – 27<sup>th</sup> August**

**Horner Woods Somerset**

**Cost: £800**

**A specialist and intensive course aimed at professional ecologists.  
A four day and evening course based in the beautiful Holnicote estate on the West  
Somerset coast 5 miles west of Minehead.**

**This year we are very pleased to announce that Dr Volker Runkel from EcoObs, will  
be teaching on this course together with Geoff Billington and Jacqueline Warren  
possibly we will have other guest speakers from Australia as well.**

**Dr Runkel is the inventor of the EcoObs Batcorder and automated call  
identification software, the Batcorder a high speed data acquisition bat detector.**

Indoor sessions will be held in the National Trust Field Centre at Piles Mill, Allerford. Field visits will be made into local woodland and surrounding villages, with a good diversity of habitat and bats. The course will run from 2pm 23<sup>rd</sup> August, until 1pm 27<sup>th</sup> August and the cost includes meals and accommodation in the Lorna Doone Hotel in Porlock a couple of miles away from the centre.

The aim will be to introduce the participants to the methodology and types of transect and static recording and familiarisation with the range of bat sound detection equipment, including: Anabat, Bat box Duet, Batcorder, Pettersson D240X & D1000X.

We will be using heterodyne, frequency division, time expansion (TE), high speed data acquisition (HSDA) detectors.

Trapping and use of a sonic lure coupled with netting with triple high nets will be carried out each night to ensure recording opportunities of known species are possible.

There will be daily sessions and tuition on survey techniques, post survey analysis of the recordings that will gradually build up participant ID skills, with special emphasis from Volker on HSDA & TE ID criteria. The course will detail how to practically apply the data gathered to specific survey requirements.

Participants will need to be equipped for field visits, some of which will be at night.

## **Night time sessions to include:**

- Trapping and netting sessions using harp traps, sonic lure and including triple high nets.
- Transect walks and static monitoring, recording bats present.
- Sound recording opportunities of hand released bats.

## **Daytime sessions to include:**

- Daytime assessment of transect and static monitoring habitats
- Equipment familiarisation
- Theory and practical application of types of transect and static survey
- Sound analysis
- Bats and the Law
- Post survey computer analysis carried out on following day after each night session
- Practical application of techniques
- Case studies

Spaces are limited and courses rapidly book up, so for further details or to book a place

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