

Program

Saturday 5th of August

1600 – Menditarrena open for participants (registration)

1800 – **Welcome and food**

2000 – **Introduction:** [Important information to collect when doing fieldwork](#) – by *Leif Gjerde*

2030 – **Fieldwork**

Preparations

Local survey of the village Bidarraï and surrounding valley

Sunset: **2122**

2400 – **Fieldwork ended**

Sunday 6th of august

0700 – Sunrise

0900 – **Breakfast**

1000 – **Morning session**

1. Download last nights data to database
2. Analysing last evenings calls
3. Species list for each locality
4. Introduction to software– *BatSound (none)*, *SonoChiro* (Alexandre Haquart), *new Heterodyn software* (Didier Mauuary), *the Wave-generator software* (Didier Mauuary/Michel Barataud).
5. Training on software

1200 – **Noon session** (lectures)

1. [How to walk with the walkabout. Getting the most out of active monitoring.](#) – by *Chris Corben*

1245 – **Group photo**

1300 – **Lunch**

1400 – **Afternoon session** (workshop)

1. [Acoustic monitoring and online web services \(data saving, semi-automatic id and report\) on the basis of the monitoring scheme Vigie-Chiro.](#) – by *Yves Bas*
2. [Identification issues concerning ultrasound calls to *Miniopterus* vs. *Pipistrellus*](#) – by *Yves Bas*
3. [Challenges in identifying ultrasound calls of *Tadarida teniotis* and *Nyctalus lasiopterus*, including social calls of *N. leisleri*](#) – by *Alexandre Haquart*
4. [CloudedBats.org - free software for open data](#) – by *Arnold Andreasson*
5. [Stereo recording applications to determine flight height classes, direction of flight and road crossings](#) – by *Yves Bas & Jean-Francois Julien*

1800 – **Food**

2000 – **Fieldwork**

Preparations

Locations (Three groups of ca. 7 people. One new location each night.)

1. Natural 2000 Area : bat and forest management in a mountain landscape.
2. *Rhinolophus* roost in old house/caverns, counting emerging bats
3. The Col de Méhatché mountain pass: monitoring at the frontier of the Pyreneans, between Spain and France

Sunset: **2120**

2400 – **Fieldwork ended**

Monday 7th of August

0702 – Sunrise

0900 – **Breakfast**

1000 – **Morning session**

- Download last nights data to database
- Analysing last evenings calls
- Species list for each locality
- Training on software

1200 – **Noon session** (lectures)

1. **Is sampling data with bat detectors an effective method for monitoring bat populations? Twenty-five years of experiences from monitoring bats in Norway, Sweden and Denmark.** – by *Leif Gjerde*

1300 – **Lunch**

1400 – **Afternoon session** (workshop)

1. **30 years of crossing zeroes: Comparing ZC and Full-spectrum** – by *Chris Corben*
2. **Using ultrasound devices for 3D trajectory to monitor bat flight and behaviour.** – by *Didier Mauuary*

1800 – **Food**

2000 – **Fieldwork**

Preparations

Locations (Three groups of ca. 7 people. One new location each night.)

1. Natural 2000 Area : bat and forest management in a mountain landscape.
2. *Rhinolophus* roost in old house/caverns, counting emerging bats
3. The Col de Méhatché mountain pass: monitoring at the frontier of the Pyreneans, between Spain and France

Sunset: 2119

2400 – **Fieldwork ended**

Tuesday 8th of August

0703 – Sunrise

0900 – **Breakfast**

1000 – **Morning session** (downloading and checking data from last evening)

- Download last nights data to database
- Analysing last evenings calls
- Species list for each locality
- Training on software

1200 – **Noon session** (lectures)

1. **A historical review through 27 years of tradition with European bat detector workshops.** – by *Leif Gjerde*

1300 – **Lunch**

1400 – **Afternoon session** (workshop)

1. **Reviewing models of passive and active detectors – Discussion on quality, functionality and reliability.** – Round table discussion
2. **Microphone quality and sensitivity** – Testing and discussion, organized by *Didier Mauuary*

1800 – **Food**

2000 – **Fieldwork**

Preparations

Locations (Three groups of ca. 7 people. One new location each night.)

1. Natural 2000 Area : bat and forest management in a mountain landscape.
2. *Rhinolophus* roost in old house/caverns, counting emerging bats
3. The Col de Méhatché mountain pass: monitoring at the frontier of the Pyreneans, between Spain and France

Sunset: 2118

2400 – **Fieldwork ended**

Wednesday 9th of August

0704 – Sunrise

0900 – **Breakfast**

1000 – **Morning session**

- Detectors in the field to be collected
- Download last nights data to database
- Analysing last evenings calls
- Species list for each locality

1100 – **Summery of workshop**

Remarks, comments, suggestions and feedback from the participants

11th European Bat Detector Workshop, Finland/Sweden/Estonia 2020

3rd European Alpine Bat Detector Workshop, Oslo 2018

1200 – **Departure** (Chris Corben and his followers ride in to the sunset to find the greatest noctule of the all, the Greater Noctule *Nyctalus lasiopterus*)