

Teoss bioacoustic workshop program - Verona, Italy - 8-12 July 2024

PRIOR THE WORKSHOP:

- Dietary needs of the assistants.
- Setup of an Observation.org account(web) and Install App ObsMapp/iObs (smartphone)
- Setup of a Xeno-canto account
- Install App Echo Meter by Wildlife acoustic (smartphone)
- Check USB type in the smartphone (new Echometers has USB C ; former micro USB).
- It is better if the participants install R and Rstudio on their pc
- Bring your own headphone to be able to listen while recording
- maybe we should prepare a shared document (Google sheet) to add metadata of collected recordings

Each day, after dinner, participants can decide what to do:

-field work

-hotel lab (selecting, uploading and analyzing recordings)

Fieldwork	Hotel	Museum / Field Lab.	lunch/dinner

PROGRAM

DAY ONE: MONDAY 8 OF JULY	Notes for us
<p>TALKS AT VERONA MUSEUM</p> <ul style="list-style-type: none"> - 9:00 Meeting - 9:30 Welcome - 9:45 TEOSS project (? Prunier/Kalkman) - 10:00 Sound production in Orthoptera (Buzzetti) - 10:45 Coffee break - 11:00 Workflow for this workshop: field and lab methods (Odé) - 11:45 Gears available at the workshop (Prunier/Odé) 	<p>9:30 Workshop team. Announcements and logistics.</p> <p>10:00 Bioacoustics in Gryllidae / Other Ensifera / Caelifera.</p> <p>11:00 Step by step procedure to make easy the workshop</p> <p>11:45 Quick demonstration of the tools in the lab</p>
12:30 Lunch	Do we ask the menu in advance to be ready quickly in the restaurant?
<p>14:00-14:30: (ONLY POSSIBLE ON MONDAY)</p> <ul style="list-style-type: none"> - RThoptera software (Fuenzalida) 	
<p>FIELD WORK IN VERONA GRASSLANDS</p> <ul style="list-style-type: none"> - 14:45 Walk to Parco dell'Adige Sud (10') - 15:00 Practical teaching: Grabbing the gears (test material and first recordings) - 17:30 End 	<p>ENd of field work Mini-talk: What is a good recording? the concept of metadata</p>
18:00 Spare time.	
TALK & LAB AT THE HOTEL	

<ul style="list-style-type: none"> - 19:30 Citizen science Observation.org and Xeno canto (Kalkman) check length of this talk 	
<p>20:15 Dinner near Hotel Maxim.</p>	
<p>TALK AT THE HOTEL</p> <ul style="list-style-type: none"> - 21:30 The Orthoptera fauna near Verona (Buzzetti) 	<p>WARNING Participants must charge and bring their equipment for the fieldwork the day after.</p>
<p>DAY TWO: TUESDAY 9 OF JULY</p>	
<p>FIELD WORK IN SOAVE - MONTE TENDA</p> <ul style="list-style-type: none"> - 8:30 Meeting point at the hotel. Bus drive (40') - 9:15 Fieldwork in Soave - Monte Tenda 's xerothermic hills (45°25'16"N 11°15'31"E , 141m) youtube video - 12:00 Talk in the field. Different types of microphones and recorders (Odé) 	
<p>12:30 Lunch at XXXXXXXX</p>	
<p>LAB & TALK AT XXXXXXXX</p> <ul style="list-style-type: none"> - 14:00 Practical teaching: Uploading records - 15:00 Processing the data (lab workflow) - 16:30 WHICH TALK - 17:00 Questions. 	
<p>18:00 Meeting and transfer</p>	
<p>20:15 Dinner at Hotel Maxim. Spare time.</p>	

NIGHT FIELD WORK IN VERONA <ul style="list-style-type: none"> - 21:30 at Parco Adige Sud (near hotel) urban wood (45°25'53"N 11°02'02"E , 45m) 	
DAY 3: WEDNESDAY 10 OF JULY	
FIELD WORK IN VALPOLICELLA <ul style="list-style-type: none"> - 8:30 Meeting point at the hotel. Bus drive (40') - 9:15 Fieldwork in Parco Valpolicella, semi-natural area with wood, ponds and dry fields (45°32'59"N 10°53'49"E 278m) - 12:15 Meeting point 	ENd of field work- Intraspecific variation and variation in function of environmental conditions
12:30 Packed lunch	
13:45 Meeting point and transfer to Verona	
TALK & LAB AT VERONA MUSEUM <ul style="list-style-type: none"> - 15:00 Lab work flow: Uploading records. - 17:00 Round table: solving doubts about the workflow 	
18:00 Leave the museum for Hotel Maxim	
TALKS AT THE HOTEL <ul style="list-style-type: none"> - 19:30 Evaluate collection of sound recordings so far (Odé). 	If we arrive late, those talks are after dinner
20:15 Dinner at Hotel Maxim. Spare time.	

DAY 4: THURSDAY 11 OF JULY	
FIELD WORK IN SAN GIORGIO <ul style="list-style-type: none"> - 8:00 Meeting point at the hotel. Bus drive (1h00) - 9:00 Fieldwork in San Giorgio alpine meadows and woods (45°41'06"N 11°05'03"E, 1500m) while walking 5 km toward Conca dei Parpari, along the dirt road 	ENd of field work Cases of rare species discovered thanks to their stridulation in Europe
12:30 Lunch at Conca dei Parpari	
FIELD LAB AT RESTAURANT CONCA DEI PARPARI <ul style="list-style-type: none"> - 15:00 Lab work flow: Uploading records. - 17:00 Analyzing sound recordings (Odé) 	Is there Internet for uploading
LATE AFTERNOON FIELD WORK AROUND CONCA DEI PARPARI <ul style="list-style-type: none"> - 18:00 Field work 	
19:00 Meeting and transfer	
Availability and time arrival for the bus	
20:15 Dinner at Hotel Maxim. Spare time.	
DAY 5: FRIDAY 12 OF JULY	
TALK & LAB AT VERONA MUSEUM <ul style="list-style-type: none"> - 9:00 Meeting at the Museum - 9:15 Gaps on knowledge in Europe (Odé) 	Baudewijn present maybe

<ul style="list-style-type: none"> - 9:45 Lab work flow: Uploading records. - 12:00 Validating records on Observation.org / Xeno canto (Kalkman) 	
12:30 Lunch	
<p>TALK & LAB AT VERONA MUSEUM</p> <ul style="list-style-type: none"> - 14:00 Last session on Lab work flow - 15:00 Analysis with R-thoptera (Brizio, Buzzetti). - 16:00 Personal experience on recording Orthoptera (Brizio) - 16:30 Closing session (Buzzetti) 	

Trainers

#	Name	Affiliation	mail	Payment by (Accommodation includes food)
1	Baudewijn Odé	Floron/IUCN SSG	baudewijnOdé@gmail.com	AEA (Fee, Travel, Accommodation)
2	Filippo M. Buzzetti	FMCR	buzzettifilippo@fondazioneocr.it	WBA (Fee, Accommodation)
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4	Nefeli Kotitsa	Univ. Belgrade	nefeli.ilefen@gmail.com	AEA (Travel, Accommodation)
5	Florent Prunier	AEA	aeaelbosqueanimado.info@gmail.com	AEA (Travel, Accommodation)
6	Vincent Kalkman	Naturalis Biodiversity Center	vincent.kalkman@naturalis.nl	Vincent Kalkman

Biodiversity Bridges:

<https://www.biodiversitybridges.org/monte-tenda-installazioni-bio-lab-forest/>