Simultaneous Census of Noctule Bat 2019

Why?

To compare results of locations, regions, periods and methods (acoustic records)
To monitor population of the Noctule Bat in Central & Eastern Europe

Flying Noctule Bat (*Nyctalus noctula*) © H. Pfleger

When?

between 14th and 22nd of September 2019

Where?

Wherever you want, preferable close to water (rivers, lakes, …), parks, open areas

How long?

It takes at least 1 hour of your time:

start: **15 minutes** before sunset (of capital)
end: at least **45 minutes** after sunset (of capital)

What?

- Recording of **maximum number of simultaneous visible individuals** of Noctule Bats within **5 minutes**
- Collecting data from at least one location (2-3 repetitions from the same location are important; more locations are possible)
- **Please repeat locations from the years before!**

How?

- If possible, please use bat detectors to ensure species determination
- Acoustic characteristics of Noctule Bat: alternating two frequencies are common: 17-20 kHz & 21-23 kHz

Noctule bat - simultaneous census sheet 2019

Location of observation (descritpion of location):	**Date:**	**Duration time (summertime)** from: to:	**Name of observer(s):**	
	Sea level:	**Temperature** (°C):	**Wind:** ❑ calm ❑ light breeze ❑ strong breeze	**Clouds:** ❑ clear ❑ partly cloudy ❑ cloudy ❑ overcast
Coordinates (degree-decima, WGS 84): **Longitude:** **Latitude:**	**Identification - visual** ❑ observation without devices ❑ observation with field glasses ❑ via photograph ❑ other devices		**Identification - acoustical** ❑ detector – plip/plop at 20 kHz detectable ❑ detector with recordings ❑ batcorder or batlogger	

Maximal count of simultaneous observed individuals

	time (hour)	00 - 05	05 - 10	10 - 15	15 - 20	20 - 25	25 - 30	30 - 35	35 - 40	40 - 45	45 - 50	50 - 55	55 - 60
max. # present	18:00												
max. # present	19:00												
max. # present	20:00												
max. # present	21:00												

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