

Experiences and results of 15 years bat research and protection in the National Park Fertő-Hanság

National Park Research Day, Andau, 17.10.2025.

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The predecessors

1900-1955

Méhely L. (1900)

Paszlavszyk J. (1918)

Éhik Gy. (1924)

Borzsák S. (1933)

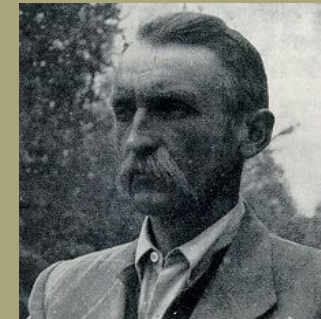
Báró dr. Sólymosy L. (1939)

Vásárhelyi I. (1939)

Topál Gy. (1954)

1980-2006

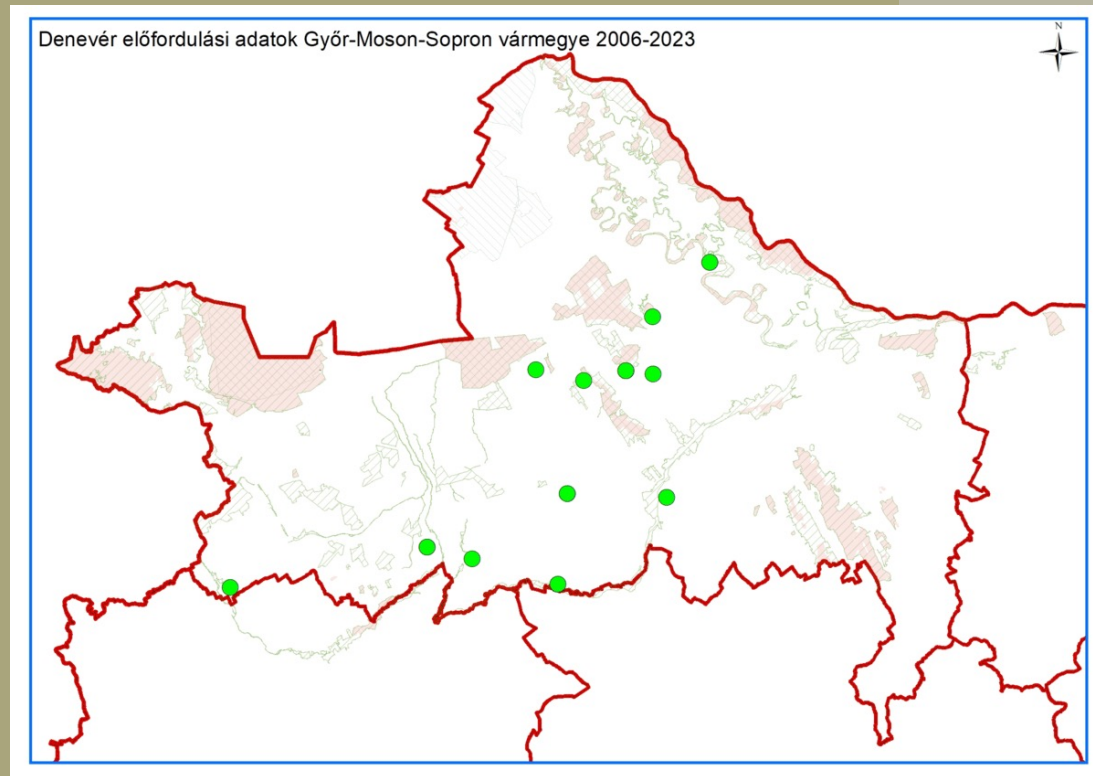
Dobrosi D., Papp K., Szatyor M., Dombi I.



Bat occurrence data in Győr-Moson-Sopron county 2006-23

Sources of data:

- NbMR building and forest-dwelling bat surveys
- Targeted data collection to inform Natura 2000 maintenance plans
- AT-HU Interreg Madárvárta 2
- Fertő KEHOP
- Hanság KEHOP



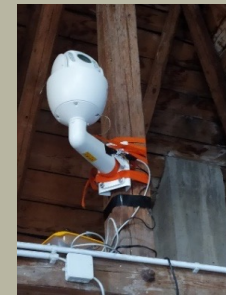
„Under the spell” of Article 4 and Annex II. species

- Species known before 2006:
 - *Rhinolophus hipposideos*
 - *Myotis myotis*, *Myotis blythii*
 - *Myotis emarginatus*
- Species found after 2006:
 - *Barbastella barbastellus* 2008, Mosonmagyaróvár
 - *Myotis bechsteinii* 2013, Sopron Dudlesz-erdő
 - *Myotis dasycneme* 2020, Nagybajcs
 - *Rhinolophus ferrumequinum* 2019, Sopron Dudlesz-erdő

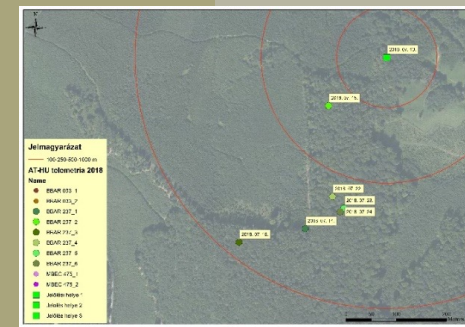
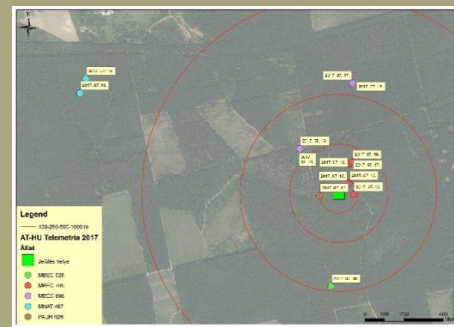
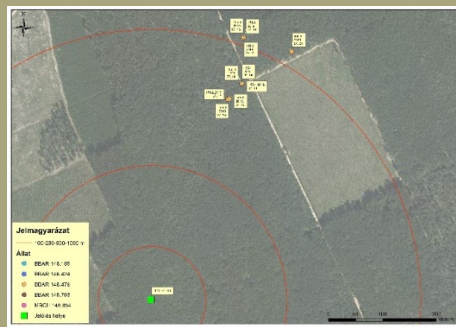


New methods

- „Bat LIVE“

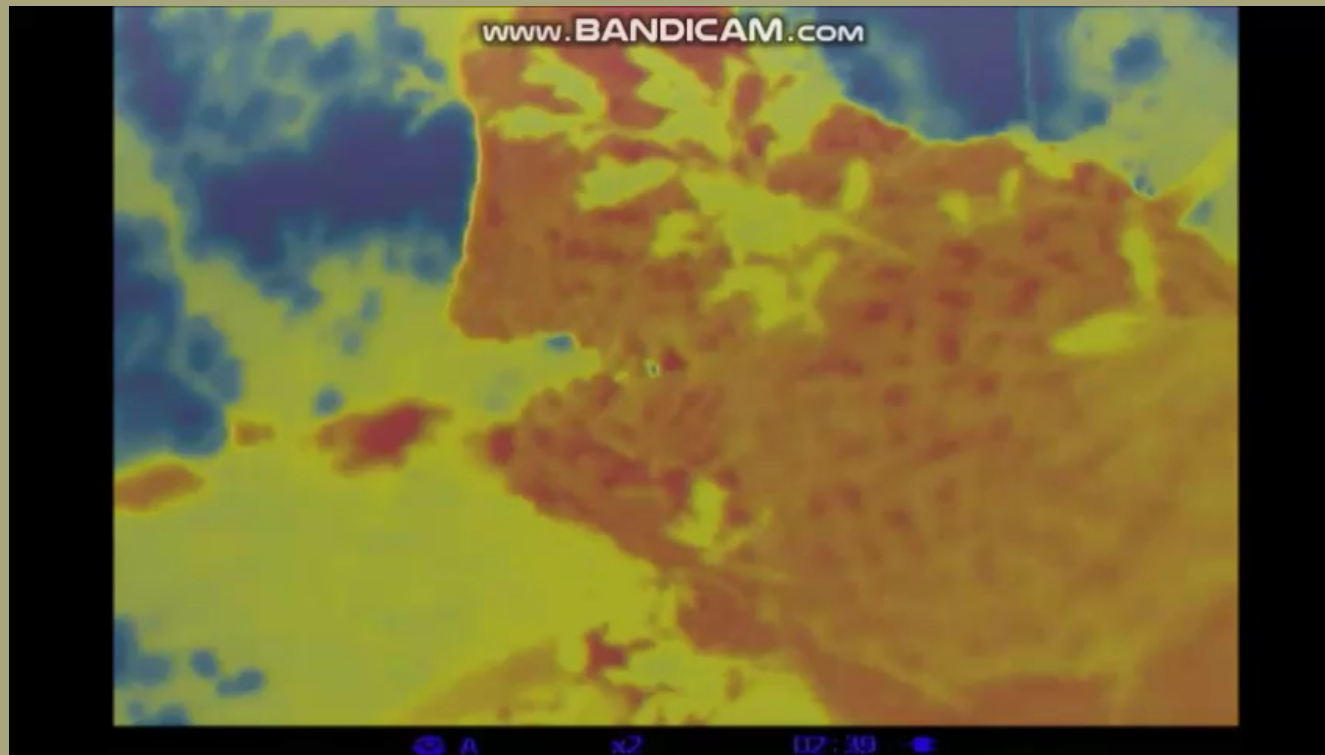


- VHF Radio telemetry



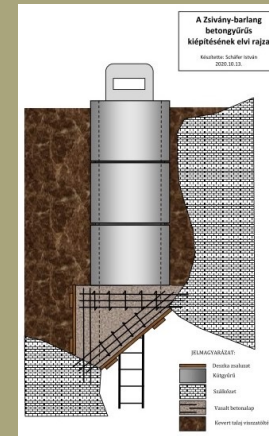
New methods

- Take off count with thermal imaging



Habitat improvements

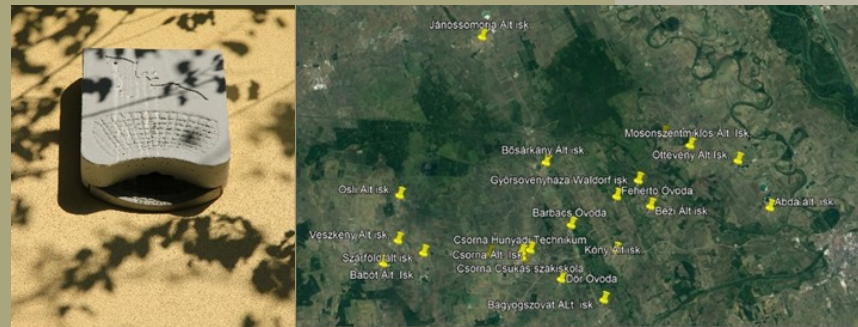
- Making underground habitats bat-friendly, by sealing
 - Zsivány-cave
 - Breuer-cave (Ex Szálasi bunker)
 - Szent István mine cut



Habitat improvements

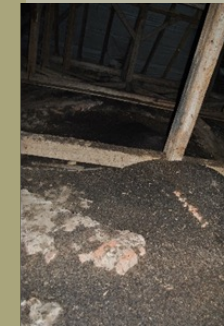
House dwelling bat in situ protection

- Block of flats: replacement of habitats lost due to isolation (Győr, Mosonmagyaróvár, Sopron)
- Hanság KEHOP, „School-Bat” program
- Chambered Rocket Bat Boxes
Placed in the courtyard of NPD managed properties



Habitat preservation

- Guano cleaning from known “problem” colonies
- Supervision of construction projects of buildings affecting known colonies



New challenges!



THANK YOU FOR
YOUR
ATTENTION

