

# BOOK OF ABSTRACTS

Borowski Z. (Ed) 2019



# ECM8

**8<sup>th</sup> European Congress of Mammalogy**

**23 - 27 September 2019, Warsaw, Poland**

[www.ecm8.org](http://www.ecm8.org)

# BOOK OF ABSTRACTS

Borowski Z. (Ed) 2019



## ECM8

**8<sup>th</sup> European Congress of Mammalogy**

**23 - 27 September 2019, Warsaw, Poland**

[www.ecm8.org](http://www.ecm8.org)

## EDITOR:

Borowski Z. (ed) 2019. The 8th European Congress of Mammalogy –  
Book of Abstracts (liczba stron) ISBN

## ORGANIZERS:

Forest Research Institute  
Mammal Research Institute Polish Academy of Sciences  
Faculty of Biology, University of Warsaw  
Centre of New Technologies, University of Warsaw  
The Committee of Environmental and Evolutionary Biology,  
Polish Academy of Sciences  
University of Warsaw Botanic Garden  
Museum and Institute of Zoology Polish Academy of Sciences  
European Bison Friends Society

## SCIENTIFIC COMMITTEE:

Zbigniew Borowski – Forest Research Institute, Poland  
Magdalena Niedziałkowska - Mammal Research Institute, PAS, Poland  
Marek Konarzewski - University of Białystok, University of Warsaw, Poland  
Karol Zub - Mammal Research Institute, PAS, Poland  
Wiesław Bogdanowicz - Museum and Institute of Zoology, PAS, Poland  
Michał Kozakiewicz - Faculty of Biology, University of Warsaw, Poland  
Rafał Kowalczyk - Mammal Research Institute, PAS, Poland  
Danijela Popović - Centre of New Technologies, University of Warsaw, Poland  
Mateusz Baca - Centre of New Technologies, University of Warsaw, Poland  
Frank Zachos - Natural History Museum Vienna, Austria  
Boris Krystufek - Slovenian Museum of Natural History, Slovenia  
Elena Buzan - University of Primorska, Slovenia  
Astrid Vik Stronnen - University of Ljubljana, Slovenia  
Urmas Saarma - University of Tartu, Estonia  
Heikki Henttonen - Natural Resources Institute Finland (Luke), Finland  
Karen Marie Mathisen - Inland Norway University of Applied Sciences, Norway  
Dries Kuijper - Mammal Research Institute, PAS, Poland  
Nuria Selva Fernandez – Institute of Nature Conservation PAS, Poland

## LOCAL ORGANISING COMMITTEE:

Zbigniew Borowski (Chair) - Forest Research Institute, Poland  
Alek Rachwałd - Forest Research Institute, Poland  
Adam Wójcicki - Forest Research Institute, Poland  
Anna Tereba - Forest Research Institute, Poland  
Wanda Olech - European Bison Friends Society  
Magdalena Niedziałkowska - Mammal Research Institute, PAS  
Joanna Stojak - Mammal Research Institute, PAS  
Maciej Sykut - Mammal Research Institute, PAS  
Karolina Doan, Museum and Institute of Zoology, PAS  
Agnieszka Kloch - Faculty of Biology, University of Warsaw, Poland  
Marcin Brzeziński - Faculty of Biology, University of Warsaw, Poland  
Danijela Popović - Centre of New Technologies, University of Warsaw, Poland  
Mateusz Baca - Centre of New Technologies, University of Warsaw, Poland

This publication will be available at:

[www.ibles.pl](http://www.ibles.pl) and <https://ibs.bialowieza.pl/en/>

ISBN (paperback) - 978-83-955277-0-8

ISBN (PDF) - 978-83-955277-1-5

Printed in Poland by

„Convention+ Spółka z ograniczoną odpowiedzialnością” Warsaw Sp. k.

## **ON THE MOVE: LESSON LEARNED FROM 15 YEARS OF MOVEMENT ECOLOGY ON EUROPEAN MAMMALS**

**Francesca Cagnacci**

*Fondazione Edmund Mach, Trento, Italy*

Movement is key to all ecological processes, from resource acquisition, to avoidance of unfavorable abiotic conditions and predators, to reproduction- thus ultimately affecting individual fitness and population dynamics. In Europe, animals move in a highly anthropic context, where habitat fragmentation and limited ecological connectivity combines with other sources of anthropic pressure, such as human presence and disturbance on the landscape, management practices, and global issues i.e. climate change. In this talk, we analyze these components on several species (mainly ungulates and large carnivores), at different spatio-temporal scale, making use of large movement datasets, to disentangle some of the challenges and adaptations of European mammals, and derive indications to limit human impact on the European mammal community.