

Program

36th Congress of International Union of Game Biologists

QUO VADIS WILDLIFE MANAGEMENT?

The future of wildlife management in the evolving social and environmental realities

28 – 31. 08. 2023 Warsaw, Poland

Sunday 27.08.23

19.00 – 21.00 Small refreshment with cold juice and small cake in Congress Hall

Monday 28.08.23

8.00 – 9.00 Registration

9.00 - 9.30

Opening ceremony

9.30 - 10.20

Plenary lecture

PROF. MARCO APOLLONIO

10.20 - 10.40 Coffee break

Theme: Ecology and environment

10.40 - 11.00 Magdalena Niedziałkowska, Danijela Popović, Marcin Górny, Piotr Chibowski, Krzysztof Stefaniak, Joanna Gornia, Maciej Sykut, Bogdan Ridush, Urszula Ratajczak-Skrzatek, Oleksandr Kovalchuk, Michał Ostrówka, Michał Golubiński, Paweł Mackiewicz, Małgorzata Suska-Malawska, Mateusz Baca; **Phylogeography and distribution of moose (*Alces alces*) in Eurasia during the last 50 000 years**

11.00 - 11.20 Giorgia Ausilio, Håkan Sand, Camilla Wikenros, Malin Aronsson, Cyril Milleret, Kristoffer Nordli, Petter Wabakken, Ane Eriksen, Jens Persson, Erling Maartmann, Barbara Zimmermann; **Effects of large carnivores, hunter harvest, and climate on the survival of calves in a partially migratory moose population**

11.20 - 11.40 Olejarz Astrid, Shigematsu Masafumi, Tsukada Hideharu, Podgórski Tomasz; **Nocturnal activity of wild animals in**

- response to a higher (Czech Republic) and lower (Japan) human presence during the COVID-19 pandemic 9**
- 11.40 - 12.00 Nicolas Cybulska, Hendrik Edelhoff, Flurin Filli, Wibke Peters; **Growth parameters as indicators of ecological change in a large herbivore**
- 12.00 - 12.20 Daniel Klich; **Can wind farms impact roe deer population?**
- 12.20 - 12.40 Joana Colomer, Giovanna Massei, Deon Roos, Carme Rosell, Domingo Rodríguez-Teijeiro; **What drives wild boar density and population growth in Mediterranean environments ?**
- 12.40 - 13.00 Ancuta Fedorca, Marin Dracea, Georgeta Ionescu, Mihai Fedorca, Marin Dracea, Ovidiu Ionescu, Marin Dracea, Marius Popa, Ramon Jurj; **Species on the move: connectivity modelling across unfragmented terrestrial habitats of Eastern Carpathians**
- 13.00 – 14.00 Lunch
- 14.00 - 14.20 Sarah-Alica Dahl, Jana Seifert, Amélia Camarinha-Silva, Angélica Hernández-Arriaga, Wilhelm Windisch, Andreas König; **Adaptation of the ruminal bacterial microbiota of Bavarian chamois (*Rupicapra rupicapra*) to seasonal forage availability**
- 14.20 - 14.40 Georgeta Ionescu, Claudiu Pasca, Ancuta Fedorca, Alexandru Gridan, Popa Marius, Mihai Fedorca, Ramon Jurj, George Sarbu, Ovidiu Ionescu; **Aspects regarding the presence of mammals in riparian areas of Olt River basin , Romania**
- 14.40 - 15.00 Elena Bužan, Aja Bončina, Felicita Urzi, Luka Duniš, Hubert Potočnik, Ivan Kos, Boštjan Pokorný; **Exploring wild boar rooting behaviour and wolf predation through DNA metabarcoding: unravelling ecological insights**
- 15.00 - 15.20 Michael Petrak; **Effects of human disturbance on red deer and subsequently on the natural succession from the pointed bulrush society (*Juncetum acutiflori*) to the Aurora willow srubs in Eifel National Park**
- 15.20 - 15.40 Jana Rupp, Marc Guckert, Urs Berger, Wiebke Drost, Anneluise Mader, Karsten Nödler, Gudrun Nürenberg , Jona Schulze, Reiner Söhlmann, Thorsten Reemtsmann; **Chemical screening of wild boar livers indicates contamination hotspots of per- and polyfluoroalkyl substances**
- 15.40 - 16.00 Allan W Stokes, Tim R Hofmeester, Neri H Thorsen, John Odden, John D. C. Linnella, Simen Pedersen; **The timing of mountain hare (*Lepus timidus*) coat colour change in Norway is determined by elevation, latitude, and local climate**
- 16.00 - 16.20 Coffee break

Theme: Welfare, pathology and diseases

- 16.20 - 16.40 Andrzej Konieczny, Jarosław Kasprzyk, Tobiasz Szczesnowski; **Impact of infectious viral diseases Covid-19 and African Swine Fever (ASF) on commercial hunting tourism in 2020-2022 in the Regional Directorate of State Forests in Poznań** Aubrun Brian,
- 16.40 - 17.00 Anneluise Mader, Denny Maaz, Rafael Mateus-Vargas, Jana Rupp, Julia Steinhoff-Wagner, Robert Pieper, Martin Richter; **Investigating Pathogens in Wild Game by a Standardized Sampling Approach**
- 17.00 - 17.20 Maciej Perzyna, Bartosz Pawliński; **The use of hunters and Polish Hunting Association (PZŁ) structures in african swine fever (ASF) eradication program in Poland – resources, difficulties, wasted efforts and means for improvement of future taken actions**

Theme: Benefits and costs of wildlife management – recreation, business, mitigation of conflicts or all in one (?)

- 17.20 - 17.40 Ioana Dutcă, Georgeta Ionescu, Marius Popa, Mihai Fedorca, Ramon Romulus Jurj, Ancuta Fedorca, Iulia Baci; **Evaluation and patterns of damages produced by brown bear (*Ursus arctos*) population in Romania and identification of hot spots**
- 17.40 - 18.00 Heidi Krüger, Mikko Alhainen, Kari Karhula, Veli-Matti Pekkarinen, Passila Petri, Helle Heikki, Mikko Toivola, Toni Laaksonen, Vesa Selonen, Andreas Lindén; **SOTKA-project to reverse the trend in declining waterfowl - costs and achievements during 2020-2022**
- 18.00 - 18.20 Ramon Romulus Jurj, Mihai Fedorca, Constantina Jurj, Ancuta Fedorca, Georgeta Ionescu, Alexandru Gridan, Voda Flaviu, Iulia Baci; **The influence of the bear presence near local communities in Romania**
- 18.20 - 18.40 Maciej Perzyna, Krzysztof Klimaszewski; **The lack of mechanisms for collecting and sharing information about daring wolves and risky behaviours combined with biased event analysis may seriously increase the risk and frequency of severe conflict events**

Tuesday 29.08.23

- 8.00 – 9.00 Registration
9.00 - 9.40 Plenary lecture
PROF. LUDEK BARTOS
- 9.40 - 10.00 Coffee break
Theme: Biology of wildlife
- 10.00 - 10.20 Anna Korzekwa, Anna Kononiuk, Julia Kaczmarczyk; **Potential of antlerogenic cells of red deer to differentiate with metalloproteinases` engagement**
- 10.20 - 10.40 Elmo Miettinen, Sari Holopainen, Heidi Krüger, Mervi Kunnasranta, Otso Huitu, Veli-Matti Väänänen; **Aliens vs. immigrants – Ground nesting in the landscapes of novel mammalian predators**
- 10.40 - 11.00 Marek Kozirowski, Natalia Gałka, Ewelina Bator, Bartłomiej Peret, Adam Orlewski, Anna Kozirowska; **The influence of the environmental factor - electromagnetic field on the endometrium of European roe deer (*Capreolus capreolus*)**
- 11.00 - 11.20 Anna Kozirowska, Camilla Adamska, Gabriela Betlej, Bartłomiej Peret, Adam Orlewski, Marek Kozirowski; **The electromagnetic field as a factor affecting the reproductive activity of the European roe deer male (*Capreolus capreolus*)**
- 11.20 - 11.40 Andrea Rezić, Laura Iacolina, Toni Safner, Massimo Scandura, Elena Bužan, Alain Frantz, Alexandros Triantafyllidis, Nikica Šprem **Estimating the genetic diversity of Mediterranean wild boar as a tool for future management strategies**
- 11.40 - 12.00 Erika Csányi, Gyula Sándor; **Quick pair replacement of the monogamous golden jackal (*Canis aureus*)**
- 12.00 - 12.20 Srđan Stamenković, Đorđe P Božović, Dragan Gačić; **Population viability of red deer as a free-ranging population in the Obedska bara region of Vojvodina, Serbia**
- 12.20 - 12.40 Andreas König, Sarah-Alica Dahl, Martina Hudler, Wilhelm Windisch; **To feed or not to feed - Energy uptake of roe deer (*Capreolus capreolus*) in typical south German landscapes**
- 12.40 - 13.40 Lunch
- 13.40 - 14.00 Kunnasranta Mervi, Miettinen Elmo, Ruha Leena, Iso-Touru Terhi, Melin Markus, Huitu Otso, Meller Anna, Väänänen Veli-Matti, Valtonen Mia, Holmala Katja; **Wild boar biology in the northernmost edge of the distribution range**
- 14.00 - 14.20 Ferdinand Paul Stehr, Sophie Baur, Wibke Peters, Andreas König; **Age determination and setting times of Bavarian roe**

deer fawns (*Capreolus capreolus*) in the first days and weeks of life

Theme: Monitoring the game species – knowing how many animals there is or knowing how many can be shot?

- 14.20 - 14.40 Lukas G. Scholz, Manisha Bhardwaj, Henriette Tripke, Cornelia Ebert, Ilse Storch; **Temperature and weather effects on faecal genotyping success in elusive mesocarnivores**
- 14.40 - 15.00 Martin Mayer, Erlend Furuhovde, Kristoffer Nordli, Giorgia Myriam Ausilio, Ane Eriksen, Alina Evans, Petter Wabakken, Barbara Zimmermann; **Efficiency and disturbance effects of drone versus ground approaches to monitor moose**
- 15.00 - 15.20 Stanislas Sibille; **How quick and effective is Popharvest for assessing the sustainability of migratory bird hunting in Europe ?**
- 15.20 - 15.40 Christian Fiderer, Marco Heurich; **Ungulate monitoring in German National Parks**
- 15.40 - 16.00 Coffee break
- 16.00 - 16.20 Catherine McNicol, Matt Ellis, Heather Warrender, Joah Madden; Evaluation of self-regulation by the shooting community; **A case study on the voluntary restraint of woodcock *Scolopax rusticola* hunting**
- 16.20 - 16.40 Dragan Gačić, Aleksandar Miletić; **Results of the use of iMammalia and Agouti applications for game monitoring in Serbia**
- 16.40 - 17.00 Bakaloudis E. Dimitrios, Kotsonas G. Evangelos, Papastergiou Konstantinia, Papaioannou Grigorios, Saxoni Stavroula, Koukouvinou Michaela, Theodoridis Nikolaos; **Estimation of Fallow deer (*Dama dama*) density using direct and indirect methods on the island of Rhodes, Greece**
- 17.00 - 17.20 Heather E. Warrender, Catherine McNicol, Matthew B. Ellis; **Demographic trends in huntable waterbirds in the UK using hunter-collected wing samples: A focus on Eurasian wigeon (*Mareca penelope*) and Eurasian teal (*Anas crecca*)**
- 17.20 - 17.40 Georgeta Ionescu, Iulia Baciú, Ramon Jurj, Elena Ciocirlan, Robert Egri, Ileana Ionescu, Maria Spataru; **National Field Techniques and Methods to develop homogenous Monitoring Plan for Mammal Species from Romania**

Gala dinner

(departure at 18.40 from IUGB Conference hall)

Wednesday 30.08.23

8.00 – 9.00 Registration

9.00 - 9.40

Plenary lecture
PROF. TADEUSZ KALETA

9.40 - 10.00 Coffee break

Theme: Managing of wildlife populations

10.00 - 10.20 Doug Manzer, Phil Rose, Layne Sward, Dave Butler;
Enhancements and farming adaptations to enable wild Grey Partridge to thrive on a modern arable farm

10.20 - 10.40 Maciej Perzyna, Marcin Świątek; **Large scale recovery of beaver population in Poland requires adjustment of legal regulations and administrative procedures dedicated for this species management**

10.40 - 11.00 Sophie Baur, Johanna Kauffert, Mark Hewison, Sophie Reinermann, Andreas König, Annette Menzel, Wibke Peters;
Maternal and neonatal behavioural components of roe deer bed-site selection in grassland habitats: implications for mowing activities

11.00 - 11.20 Daniel Klich, Wanda Olech, Kajetan Perzanowski; **What is the future of the European bison population ?**

11.20 - 11.40 Jodie Case, Nathan F Williams, Tom A Porteus, Mike J Short;
To what extent do released gamebirds contribute to fox diet in areas important to breeding waders?

11.40 - 12.00 Natalia Pitta-Osses, Csaba Centeri, Krisztián Katona; **Effect of wild boar (*Sus scrofa*) rooting on soil organic matter and total nitrogen contents in a protected grassland in Budapest, Hungary**

12.00 - 12.20 Leprince Raphaël, Joyeux Emmanuel, Francesiaz Charlotte;
Studying the disturbance of coastal waterbirds within a Marine Protected Area: does human activities modify the behavior of birds ?

12.20 - 12.40 Bogusław Bobek, Leszek Drozd, Paweł Janiszewski, Paweł Nasiadka, Katarzyna Tajchman, Witold Frąckowiak, Jakub Furtek, Dorota Merta, Krzysztof Morow, Marta Wojciuch-Płoskonka, Bogdan Kasperczyk, Krzysztof Wyrobek;
Population size and demography in moose *Alces alces* in Poland

12.40 - 13.40 Lunch

13.40 - 14.00 Mike J. Short, Eleanor M. Rivers, Jodie Case, Nathan F. Williams; **Anthropogenic food resourcing of Red Foxes**

***(Vulpes vulpes)* and their impact on breeding wading birds in a busy National Park**

- 14.00 - 14.20 Annika Herrero, Cornelya Klütsch, Vandepitte Simon, Hagen Snorre, Katja Holmala; **Eurasian lynx hunting bag structure and the effects of hunting on the effective population size in Finland**
- 14.20 - 14.40 Bogusław Bobek, Jakub Furtek, Marta Wojciuch-Płoskonka; **Spatio-temporal distribution pattern, population size and the aggressive behaviour of wolves towards humans in Poland**
Theme: Hunting and society
- 14.40 - 15.00 Alain Gigounoux; **Hunting practices, hunters and habitat restoration: a social issue**
- 15.00 - 15.20 Nikica Šprem, Anesa Seferović, Hrvoje Kutnjak, Toni Safner; **On the dog's tail: An insight into GPS telemetry**
- 15.20 - 15.40 Francesca Brivio, Michele Zanni, Celeste Buelli, Silvia Piazzalunga, Marco Apollonio; **Kill site selection by wolf in an anthropogenic context**
- 15.40 - 16.00 Coffee break
Theme: The role of urbanized areas for game and protected animals - benefits and threats for humans and animals
- 16.00 - 16.20 Rudy Brogi, Francesca Brivio, Michele Zanni, Stefano Grignolio, Enrico Merli, Marco Apollonio; **Behavioral adaptations of wolves and wild boars to human-dominated landscapes: different species, same story?**
- 16.20 - 16.40 Mihai Fedorca, Lucian Toiu, Daniel Visan, Flaviu Voda; **Wildlife learning to cross the crowded infrastructure using existing underpasses**
Theme: Wildlife management in forestry and agricultural agroecosystems
- 16.40 - 17.00 Olgirda Belova; **Brown Hare (*Lepus europaeus* Pallas) in forests: fable or truth?**
- 17.00 - 17.20 Brazaitis Gediminas, Šimkevičius Kastytis, Kančauskaitė Dalia, Kazlauskaitė Sonata, Stankevičiūtė Jolanta, Brazaitytė Gailenė; **Assessment of Migrating Geese Damage for Winter Wheat Yield in Lithuania**
- 17.20 - 17.40 Erik Versluijs, Barbara Zimmermann, Morten Tofastrud, Anna Hessle, Derek Scasta, Robert Serrouya, Genevieve Adamski, Petter Wabakken, Alina L. Evans; **Free-ranging cattle in the boreal forest: is their behavior affected by wolf presence?**
- 17.40 - 18.00 Barbara Zimmermann, Karen Marie Mathisen, Paige Hellbaum, Giorgia Ausilio, Håkan Sand, Camilla Wikenros, Ane Eriksen, Kristoffer Nordli, Petter Wabakken, Malin Aronsson, Jens

Persson, Jonas Sveum; **Contrasting management goals for a trans-boundary moose population in Scandinavia**

18.00 – 20.00

Poster session / IUGB officers meeting

Thursday 31.08.23

8.00 – 9.00

Registration

9.00 - 9.40

Closing ceremony

Invitation to 37th IUGB Congress

10.40 – till end
of the excursion ☺

Post-conference tour
Departure from the Conference Hall