

# PROGRAM

## SUNDAY, 22.09.2019

17:00 - 20:00	<i>Registration</i>
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## MONDAY, 23.09.2019

08:00 - 09:00	<i>Registration</i>	
09:00 - 09:15	OPENING	
09:15 - 10:15	PLENARY	
10:15 - 10:35	Laurent Schley: EMMA2: Updating the Atlas of European Mammals	
10:35 - 11:05	<i>Coffee Break</i>	
11:05 - 13:15	<b>SQUIRRELS: JOHN KOPROWSKI</b>	<b>CONSERVATION GENETICS: LAURA IACOLINA, ALAIN FRANTZ</b>
11:05 - 11:35	Conservation of squirrels on the ground and in the trees: the value of the Sciuridae  John Koprowski	Conservation in the 21st century, technological advances and their challenges  Laura Iacolina
11:35 - 11:55	Hidden interactions between alien and native species: new insights in the grey-red squirrel paradigm  Lucas Wauters	Genome-wide analyses of population structure in a highly mobile carnivore, the gray wolf ( <i>Canis lupus</i> ), across Eurasia  Astrid Vik Stronen

11:55 - 12:15	Game of Cones – The changing fortunes of red and grey squirrels in Ireland  Colin Lawton	The impact and origin of wolves immigrating to a recently established population on the Scandinavian Peninsula  Mikael Åkesson
12:15 - 12:35	Cost and benefits of living in the city – comparing two populations of Warsaw red squirrels  Agata Kostrzewa	Wolves at the crossroad: Fission–fusion range biogeography in the Western Carpathians and Central Europe  Barbora Cerna Bolfikova
12:35 - 12:55	Whistling at the Tower of Babel: geographic variability in alarm calls of the European ground squirrel  Irena Schneiderová	Demographic history of an isolated and endangered wolf population  Raquel Godinho
12:55 - 13:15	When intraspecific competition is an important cue in animal settlement  Marina Morandini	Demographic and genetic effects of translocation from a captive breeding project in the endangered arctic fox ( <i>Vulpes lagopus</i> )  Johan Wallén
13:15 - 14:45	<i>Lunch</i>	
14:45 - 16:35	<b>PREDATOR-PREY INTERACTIONS: HANNU YLÖNEN, MARKO HAAPAKOSKI</b>	<b>CONSERVATION GENETICS: FRANK ZACHOS, ELENA BUZAN</b>
14:45 - 15:15	New insights to predator-prey interaction with voles and weasels  Hannu Ylönen	Landscape heterogeneity in landform and land use provides functional resistance to gene flow in continuous Asian black bear populations  Naoki Ohnishi

15:15 - 15:35	Communicating Fear: The Role of Alarm Pheromones in a Bank Vole  Marko Haapakoski	Hybrid identification and admixture time detection in European wildcat populations through genome-wide procedures  Federica Mattucci
15:35 - 15:55	Secondhand horror: effects of direct and indirect predator cues on behavior and reproduction of the bank vole  Thorbjörn Sievert	Taming of the wild: a new tool for cross study RNA-seq analysis applied to behavioural traits in dogs and tame foxes  Diana Lobo
15:55 - 16:15	Is the wild rabbit ( <i>Oryctolagus cuniculus</i> ) shaping geographical distribution patterns of its predator's community in the Iberian Peninsula?  Patricia H. Vaquerizas	Diversity of the MHC class II DRB alleles in chamois populations  Sunčica Stipoljev
16:15 - 16:35	A risky niche: among-individual differences in landscapes of fear  Melanie Dammhahn	Harnessing the potential of environmental DNA (eDNA) metabarcoding for monitoring mammalian communities in temperate and neotropical regions  Allan McDevitt
16:35 - 17:05	<i>Coffee Break</i>	
17:05 - 17:25	Taking risks for food: effects of the landscape of fear at low trophic levels  Clara Mendes Ferreira	Inbreeding depression and genetic rescue in a cyclic mammal population  Karin Norén
17:25 - 17:45	Using by-catch data from camera-trapping studies aimed at carnivores to study their prey	Last chance to see? Status and distribution of the Vojvodina blind mole rat revisited

	Tim R. Hofmeester	Attila Németh
17:45 - 18:05	Effect of predation on hunting quotas, hunter observations and moose harvest in two countries with an increasing wolf population during 22 years  Camilla Wikenros	Population genetics as a tool for conservation biology: defining management units for the greater horseshoe bat  Orianne Tournayre
18:05 - 18:25	The resource dispersion hypothesis – a test with a cyclic mesopredator  Rasmus Erlandsson	Which primer set(s) for your bat diet metabarcoding study? Application to two insectivorous bat species sharing maternity roosts  Orianne Tournayre
20:00	WELCOME PARTY (UNIVERSITY OF WARSAW BOTANIC GARDEN)	

## TUESDAY, 24.09.2019

08:30 - 08:35	OPENING		
08:35 - 09:35	PLENARY		
09:45 - 13:00	<b>PHYLOGEOGRAPHY AND BIOGEOGRAPHY: ETTORE RANDI</b>	<b>CLIMATE CHANGE: BODIL ELMHAGEN</b>	<b>WORKSHOP</b>
09:45 - 10:15	Biogeography and Phylogeography: Toolkits for the conservation of biodiversity  Ettore Randi	Climate – and mammal community - change  Bodil Elmhagen	Wildlife telemetry technologies

10:15 - 10:35	<p>Inferring the evolutionary history of wolf expansion through Beringia land bridge</p> <p>Carolina Pacheco</p>	<p>Impacts of climate change on the Eurasian otter <i>Lutra lutra</i></p> <p>Anna Loy</p>	
10:35 - 10:55	<p>Next-generation phylogeography resolves post-glacial colonization patterns in the red fox (<i>Vulpes vulpes</i>) in Europe</p> <p>Allan McDevitt</p>	<p>Capturing a cascade in a changing world. How do predator recolonization, community complexity and climate driven shift in prey species influence species interactions in northern ecosystems?</p> <p>Malin Aronsson</p>	
10:55 - 11:15	<p>Is there any adaptive variability of TLR2 gene across bank vole populations from two mtDNA lineages in NE Poland?</p> <p>Ewa Tarnowska</p>	<p>Weather and climate change affect vole population dynamics and plant-herbivore interactions</p> <p>Zbigniew Borowski</p>	
11:15 - 11:35	<i>Coffee Break</i>		
11:35 - 11:55	<p>The role of post-glacial demography in shaping variation of innate immunity genes in a free-living rodent</p> <p>Agnieszka Kloch</p>	<p>An object-oriented modelling of a mammal population</p> <p>Miloslaw Sokol</p>	Wildlife telemetry technologies
11:55 - 12:15	<p>An update on the Robertsonian (Rb) chromosomal variability in the natural populations of the house mouse, <i>Mus musculus domesticus</i>, based on the simultaneous study of the three Rb systems of Greece.</p> <p>George P. Mitsainas</p>	<p>Urban rats in Helsinki: seasonal variation in population size and parasite prevalence</p> <p>Tuomas Aivelo</p>	

12:15 - 12:35	Chromosomal variability of the common shrew ( <i>Sorex araneus</i> L.) in Central and Eastern Siberia  Boris Sheftel	Seasonal models to predict population dynamics of Australian mice  Jennifer Paola Correa Cuadros	
12:35 - 12:55	Genetic diversity of two mitochondrial DNA genes in <i>Spirometra erinaceieuropaei</i> (Cestoda: Diphylobothridae) from Poland  Joanna Stojak	New RFID technology for small mammal research  Sarah Knowles	
13:00 - 14:00	<i>Lunch</i>		
14:00	MID-CONFERENCE EXCURSION		

### WEDNESDAY, 25.09.2019

08:55 - 09:00	OPENING		
09:00 - 10:00	PLENARY		
10:10 - 17:20	<b>UNGULATES: MARCO APOLLONIO</b>	<b>PREDATOR ECOLOGY, MANAGEMENT AND CONSERVATION: KAROL ZUB</b>	<b>WORKSHOP</b>
10:10 - 10:40	Future challenges in ungulate conservation and management in Europe  Marco Apollonio	Effect of intensive grasslands management on the abundance of weasels  Karol Zub	Wildlife aquatic
10:40 - 11:00	The relative effect of large carnivores, hunter harvest, and climate on ungulate productivity in Sweden	Paws without claws? Ecological impact and conservation of wolves in Europe's human-dominated landscapes	

	Aimee Tallian	Dries Kuijper	
11:00 - 11:20	Forest roads modify ungulates' landscape of fear Karen Marie Mathisen	Wolf at your door: movement of established and disperser wolves and kill sites distribution in relation to human infrastructures David Carricondo-Sanchez	
11:20 - 11:40	Factors influencing red deer bark stripping on spruce: plant diversity, crop intake and temperature Anna Widén	A standardized method for conducting and analysing experimental human approaches on wolves Ane Eriksen	
11:40 - 12:10	<i>Coffee Break</i>		
12:10 - 12:30	The asymmetric share of moose as prey for humans and wolves Barbara Zimmermann	The effects of wolves returning to forest ecosystems Adam Wójcicki	Wildlife aquatic
12:30 - 12:50	Spatial patterns of immunogenetic and neutral variation influence on selected fitness parameters in roe deer Elena Bužan	Conservation strategies for the arctic fox Anders Angerbjörn	
12:50 - 13:10	The ratios of stable isotopes of carbon and nitrogen in bone collagen: variations within individuals and within populations of modern red deer ( <i>Cervus elaphus</i> ) Maciej Sykut	Using habitat suitability modelling to inform proposed reintroductions of European wildcat <i>Felis silvestris</i> to England and Wales Stephen Carter	

13:10 - 13:30	Roads, forestry, and wolves interact to drive moose browsing behavior in Scandinavia  Anne Loosen	How do european wildcats ( <i>Felis silvestris silvestris</i> ) manage to settle in a heavily fragmented landscape  Mathias Herrmann	
13:30 - 15:00	<i>Lunch</i>		
15:00 - 15:20	Diet overlap among red deer, roe deer and moose during winter in forest ecosystems, NE Poland  Mirosław Ratkiewicz	Diet of foxes in Warsaw – comparison of the results from three different methods of assessment  Mateusz Jackowiak	
15:20 - 15:40	Alien vs. native – influence of fallow deer <i>Dama dama</i> introduction on roe deer <i>Capreolus capreolus</i> population  Jakub Gryz	Variations in the interspecific relationships of sympatric carnivores in a fluctuating prey scenario in a boreal ecosystem  Rocio Cano-Martinez	
15:40 - 16:00	Rusa deer, an invasive species : inter & intra-population ecology, diet and dental microwear  Emilie Berlioz	Comparison of grey wolves and red foxes diet in habitats of different quality  Zuzanna Wikar	
16:00 - 16:20	Composition and diet fluctuations of a reintroduced population of the Atlas Deer <i>Cervus elaphus barbarus</i> (Bennett, 1833) in the Akfadou forest (Algeria).  Nora Khammes-Elhoms	Fossoriality in a risky landscape: wolves drive badger denning behaviour in Białowieża Primeval Forest  Tom Diserens	
16:20 - 16:40	Impact of wild boar rooting on ectomycorrhizal fungi in boreal forests of Sweden	Martens in a changing world – body size variation over space and time	



	Lars Hillström	Anna Wereszczuk
16:40 - 17:00	Habitat use by Asian elephants: Context matters Dinesh Neupane	Detecting methods for an opportunistic and expanding mesocarnivore in SW Europe: the Egyptian mongoose (Herpestes ichneumon) Esther Descalzo
17:00 - 17:20	Distribution and abundance of wildlife in Europe: Towards harmonization and development of new strategies in the collection and use of data in wildlife management Karolina Petrović	
17:20 - 17:50	<i>Coffee Break</i>	
17:50 - 19:20	POSTER SESSION	

## THURSDAY, 26.09.2019

08:55 - 09:00	OPENING	
09:00 - 10:00	PLENARY: NILS STENSETH	
10:10 - 13:10	<b>PALEOECOLOGY: HERVÉ BOCHERENS, RAFAŁ KOWALCZYK</b>	<b>BEHAVIOURAL AND EVOLUTIONARY ECOLOGY: LESZEK RYCHLIK</b>
10:10 - 10:40	Mammal paleoecology: Implications for conservation and restoration Hervé Bocherens	Summer and winter diets of <i>Neomys fodiens</i> and <i>Sorex minutus</i> (Soricidae): Can the weakly expressed Dehnel's phenomenon in these species be explained by high availability of their prey in winter?

		Leszek Rychlik
10:40 - 11:00	Conservation paleoecology of Southeast Asian gorals ( <i>Naemorhedus</i> ) and serow ( <i>Capricornis</i> ) through stable isotopic tracking since 400,000 years  Hervé Bocherens	Looking after energy budget: Ranging behaviour and habitat use of the desert hedgehog  Nobuyuki Yamaguchi
11:00 - 11:20	Adapt or die—Response of large herbivores to environmental changes in Europe during the Holocene  Rafał Kowalczyk	Does Animal Personality Affect Movement in Habitat Corridors? Experiments with Common Voles ( <i>Microtus arvalis</i> ) using Different Corridor Widths  Gabriele Joanna Kowalski
11:20 - 11:40	Holocene extinction of autochthonous mammals in the Carpathian Basin (Central Europe) and its ecological consequences  Attila Németh	Do common shrews <i>Sorex araneus</i> (Soricidae) of Novosibirsk and Tomsk chromosomal races differ in behavioural syndromes?  Leszek Rychlik
11:40 - 12:10	<i>Coffee Break</i>	
12:10 - 12:30	Conceptual reconstruction of Late Pleistocene large mammal communities on the Palaeo-Agulhas Plain reveals resilience to climate change but vulnerability to modern human predators  Jan Venter	Synchronization of rodent reproduction and tree fructification in oak communities  Victoria A. Vekhnik
12:30 - 12:50	The NW Iberian brown bear diet from Upper Pleistocene to nowadays: an study on stable isotopes  Ana García-Vázquez	Can we get along? The role of competitive interactions and forest management in shaping a guild of terrestrial rodents

		Stefania Gasperini
12:50 - 13:10	Ecological niche of red deer ( <i>Cervus elaphus</i> ) and changes in its range in Europe and the Ural Mountains since the Late Pleistocene  Magdalena Niedziałkowska	Effects of a simulated seasonal dietary shift on the wood mouse gut microbiota; from the lab to the wild  Kirsty Marsh
13:10 - 14:40	<i>Lunch</i>	
14:40 - 16:50	<b>PALEOGENETICS: AXEL BARLOW</b>	<b>BEHAVIOURAL AND EVOLUTIONARY ECOLOGY: LESZEK RYCHLIK</b>
14:40 - 15:10	Middle Pleistocene genome calibrates the evolutionary history of cave bears  Axel Barlow	Trophic niche partitioning and dietary competition in small rodents, measured using stable isotopes  Piotr Chibowski
15:10 - 15:30	Diverse responses of common vole ( <i>Microtus arvalis</i> ) populations to Late Glacial and Early Holocene climate changes – evidence from ancient DNA  Mateusz Baca	Acoustic signals accompanying direct contact in two rodent species: the bank and the root voles  Alek Rachwald
15:30 - 15:50	Highly divergent population of narrow-headed vole from the Late Pleistocene Europe  Danijela Popovic	Think before you speak! Using thermal imaging for detecting intention and preparation to vocalize  Vlad Demartsev
15:50 - 16:10	Neolithic revolution triggered demographic expansion of an African opportunistic carnivore	Activity patterns and thermoregulation in male parti-coloured bats <i>Vespertilio murinus</i>

	Rita Rocha	Zuzanna Hafat
16:10 - 16:30		The importance of multi-species bat roosts: host-parasite relationships between bats and bat flies of South-Eastern Europe  Áron Péter
16:30 - 16:50		Adaptive differences in host selection and seasonality of bat-specialist ticks in Europe  Attila D. Sándor
20:00	CONFERENCE DINNER	

## FRIDAY, 27.09.2019

08:55 - 09:00	OPENING	
09:00 - 10:00	PLENARY	
10:00 - 10:30	<i>Coffee Break</i>	
10:30 - 14:10	<b>MAMMALS IN ANTHROPOGENIC LANDSCAPE: DUSKO CIROVIC, ASTRID VIK STRONEN</b>	<b>GENERAL SESSION: FRANCK COURCHAMP</b>
10:30 - 11:00	Carnivores in anthropogenic landscapes  Dusko Cirovic	The economic cost of invasive mammals  Franck Courchamp

11:00 - 11:20	Resistance modelling infers physical and behavioural gene flow barriers to the red fox ( <i>Vulpes vulpes</i> ) across the Berlin metropolitan area  Alain Frantz	Parasitological investigations of raccoons from several locations in Germany and Luxemburg  Natalia Osten-Sacken
11:20 - 11:40	Red fox population dynamics in habitats of different anthropopression levels  Dagny Krauze-Gryz	Know your enemy: A molecular approach identifies multiple key factors driving a small mammal invasion-extinction event on an island  Samuel Browett
11:40 - 12:00	How does anthropogenic noise impact the behaviour of a keystone species?  Graeme Shannon	Status of small mammal pests in the indoor habitats of Rural Swabi, Pakistan  Surrya Khanam
12:00 - 12:30	<i>Coffee Break</i>	
12:30 - 12:50	Evaluation of human influence on the activity of medium – large mammals in Myanmar forests  Giacomo Cremonesi	Multispecies reservoir of <i>Spirometra erinaceieuropaei</i> (Cestoda: Diphylobothridae) in wild mammalian hosts in NE Poland  Marta Kołodziej-Sobocińska
12:50 - 13:10	The challenges and opportunities of coexisting with large ungulates in the human-dominated landscape of Europe's Anthropocene  Benjamin Cretois	Combining questionnaire survey and biogeographic models to update and forecast the distribution of the only mongoose species in Europe  Miguel Delibes-Mateos
13:10 - 13:30	Behavioural adjustments of non-commensal rodents to urban environments	Spatial variables associated with the geographical range shift of European hamster ( <i>Cricetus cricetus</i> ) in Poland

	Valeria Mazza	Aleksandra Zarzycka
13:30 - 13:50	Effects of habitat fragmentation in the social behaviour of the Cabrera vole: insights from genetic non-invasive sampling Paulo Célio Alves	The beaver facilitates species richness and abundance of terrestrial and semi-aquatic mammals Janne Sundell
13:50 - 14:10	Do natural margins of arable fields support small mammal populations? Grete Tõnisalu	Mammal mapping in Russia Andrey Lissovsky
14:10 - 14:30	Linking biodiversity to ecosystem services: The small mammal community of NE Portugal agroecosystems Joana Paupério	Networking at sea: unraveling mixed-species cetacean sightings Mridula Srinivasan
14:30 - 14:50	Community Assembly Rules of Insectivorous Bat Species in Man-made plantations in Israel Claudia Allegrini	Predators and megaherbivores have contrasting impacts on nitrogen and phosphorus stoichiometry in an African savanna Elizabeth le Roux
14:50 - 15:50	<i>Lunch</i>	
15:50 - 16:00	CLOSING CEREMONY	
16:00	END OF CONFERENCE	

*Changes in program may occur*