

SUNDAY, 22.09.2019

17:00 - 20:00

Registration

MONDAY, 23.09.2019

08:00 - 09:00

Registration

09:00 - 09:15

OPENING

09:15 - 10:15

PLENARY
Wild Migrations: Animal Movement, Anthropogenic Barriers, and Corridor Conservation in the American West

Matthew Kauffman

10:15 - 10:35

Laurent Schley: EMMA2: Updating the Atlas of European Mammals

10:35 - 11:05

Coffee Break

11:05 - 13:15

Hall A
CONSERVATION AND POPULATION
GENETICS: LAURA IACOLINA,
ALAIN FRANTZ

Hall B
SQUIRRELS: JOHN KOPROWSKI

11:05 - 11:35

Conservation in the 21st century, technological
advances and their challenges

Laura Iacolina

Conservation of squirrels on the ground and in the
trees: the value of the Sciuridae

John Koprowski

11:35 - 11:55

Genome-wide analyses of population structure
in a highly mobile carnivore, the gray wolf
(*Canis lupus*), across Eurasia

Astrid Vik Stronen

Hidden interactions between alien and native
species: new insights in the grey-red squirrel
paradigm

Lucas Wauters

11:55 - 12:15

The impact and origin of wolves immigrating to
a recently established population on the
Scandinavian Peninsula

Mikael Åkesson

Game of Cones – The changing fortunes of red and
grey squirrels in Ireland

Colin Lawton

12:15 - 12:35

Wolves at the crossroad: Fission–fusion range
biogeography in the Western Carpathians and
Central Europe

Barbora Cerna Bolfikova

Cost and benefits of living in the city – comparing
two populations of Warsaw red squirrels

Agata Kostrzewa

12:35 - 12:55

Demographic history of an isolated and
endangered wolf population

Raquel Godinho

Whistling at the Tower of Babel: geographic
variability in alarm calls of the European ground
squirrel

Irena Schneiderová

12:55 - 13:15

Demographic and genetic effects of
translocation from a captive breeding project in
the endangered arctic fox (*Vulpes lagopus*)

When intraspecific competition is an important cue in
animal settlement

Marina Morandini

	Johan Wallén	
13:15 - 14:45	<i>Lunch</i>	
14:45 - 16:35	Hall A CONSERVATION AND POPULATION GENETICS: FRANK ZACHOS, ELENA BUZAN	Hall B PREDATOR-PREY INTERACTIONS: HANNU YLÖNEN, MARKO HAAPAKOSKI
14:45 - 15:15	Landscape heterogeneity in landform and land use provides functional resistance to gene flow in continuous Asian black bear populations Naoki Ohnishi	New insights to predator-prey interaction with voles and weasels Hannu Ylönen
15:15 - 15:35	Hybrid identification and admixture time detection in European wildcat populations through genome-wide procedures Federica Mattucci	Communicating Fear: The Role of Alarm Pheromones in a Bank Vole Marko Haapakoski
15:35 - 15:55	Taming of the wild: a new tool for cross study RNA-seq analysis applied to behavioural traits in dogs and tame foxes Diana Lobo	Secondhand horror: effects of direct and indirect predator cues on behavior and reproduction of the bank vole Thorbjörn Sievert
15:55 - 16:15	Diversity of the MHC class II DRB alleles in chamois populations Sunčica Stipoljev	Is the wild rabbit (<i>Oryctolagus cuniculus</i>) shaping geographical distribution patterns of its predator's community in the Iberian Peninsula? Patricia H. Vaquerizas
16:15 - 16:35	Harnessing the potential of environmental DNA (eDNA) metabarcoding for monitoring mammalian communities in temperate and neotropical regions Allan McDevitt	A risky niche: among-individual differences in landscapes of fear Melanie Dammhahn
16:35 - 17:05	<i>Coffee Break</i>	
17:05 - 17:25	Inbreeding depression and genetic rescue in a cyclic mammal population Karin Norén	Taking risks for food: effects of the landscape of fear at low trophic levels Clara Mendes Ferreira
17:25 - 17:45	Last chance to see? Status and distribution of the Vojvodina blind mole rat revisited Attila Németh	Using by-catch data from camera-trapping studies aimed at carnivores to study their prey Tim R. Hofmeester
17:45 - 18:05	Population genetics as a tool for conservation biology: defining management units for the greater horseshoe bat Orianne Tournayre	Effect of predation on hunting quotas, hunter observations and moose harvest in two countries with an increasing wolf population during 22 years Camilla Wikenros
18:05 - 18:25	Which primer set(s) for your bat diet metabarcoding study? Application to two insectivorous bat species sharing maternity roosts Orianne Tournayre	The resource dispersion hypothesis – a test with a cyclic mesopredator Rasmus Erlandsson

18:25 - 18:45	Effects of habitat fragmentation in the social behaviour of the Cabrera vole: insights from genetic non-invasive sampling Paulo Célio Alves	
20:00	WELCOME PARTY (UNIVERSITY OF WARSAW BOTANIC GARDEN)	

TUESDAY, 24.09.2019

08:30 - 08:35	OPENING		
08:35 - 09:35	PLENARY Evolution and ecology of plague: a disease of today which changed our history Nils Chr. Stenseth		
09:45 - 13:00	Hall A PHYLOGEOGRAPHY AND BIOGEOGRAPHY: ETTORE RANDI	Hall B CLIMATE CHANGE AND POPULATION DYNAMICS: BODIL ELMHAGEN	Hall C WORKSHOP
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	Inferring the evolutionary history of wolf expansion through Beringia land bridge Carolina Pacheco	Impacts of climate change on the Eurasian otter <i>Lutra lutra</i> Anna Loy	
10:35 - 10:55	Next-generation phylogeography resolves post-glacial colonization patterns in the red fox (<i>Vulpes vulpes</i>) in Europe Allan McDevitt	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? Malin Aronsson	
10:55 - 11:15	Is there any adaptive variability of TLR2 gene across bank vole populations from two mtDNA lineages in NE Poland? Ewa Tarnowska	Climate change affects vole population dynamics and plant-herbivore interactions Zbigniew Borowski	
11:15 - 11:35	<i>Coffee Break</i>		
11:35 - 11:55	Genetic diversity of two mitochondrial DNA genes in <i>Spirometra erinaceieuropaei</i> (Cestoda: Diphylobothridae) from Poland Joanna Stojak	An object-oriented modelling of a mammal population Miloslawa Sokol	Wildlife telemetry technologies
11:55 - 12:15	An update on the Robertsonian (Rb) chromosomal variability in the natural	Urban rats in Helsinki: seasonal variation in population size and	

	populations of the house mouse, <i>Mus musculus domesticus</i> , based on the simultaneous study of the three Rb systems of Greece. George P. Mitsainas	parasite prevalence Tuomas Aivelo	
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	The role of post-glacial demography in shaping variation of innate immunity genes in a free-living rodent Agnieszka Kloch	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 On the move: lesson learned from 15 years of movement ecology on European mammals Francesca Cagnacci		
10:10 - 17:20	Hall A PREDATOR ECOLOGY, CONSERVATION AND MANAGEMENT: KAROL ZUB	Hall B UNGULATE ECOLOGY, CONSERVATION AND MANAGEMENT: MARCO APOLLONIO	Hall C WORKSHOP
10:10 - 10:40	Effect of intensive grasslands management on the abundance of weasels Karol Zub	Future challenges in ungulate conservation and management in Europe Marco Apollonio	Wildlife aqstic
10:40 - 11:00	Paws without claws? Ecological impact and conservation of wolves in Europe's human-dominated landscapes Dries Kuijper	The relative effect of large carnivores, hunter harvest, and climate on ungulate productivity in Sweden Aimee Tallian	
11:00 - 11:20	Wolf at your door: movement of established and disperser wolves and kill sites distribution in relation to human infrastructures David Carricondo-Sanchez	Forest roads modify ungulates' landscape of fear Karen Marie Mathisen	
11:20 - 11:40	A standardized method for conducting and analysing experimental human approaches on wolves	Factors influencing red deer bark stripping on spruce: plant diversity, crop intake and temperature	

	Ane Eriksen	Anna Widén	
11:40 - 12:10	<i>Coffee Break</i>		
12:10 - 12:30	The effects of wolves returning to forest ecosystems Adam Wójcicki	The asymmetric share of moose as prey for humans and wolves Barbara Zimmermann	Wildlife aquatic
12:30 - 12:50	Conservation strategies for the arctic fox Anders Angerbjörn	Spatial patterns of immunogenetic and neutral variation influence on selected fitness parameters in roe deer Elena Bužan	
12:50 - 13:10	Using habitat suitability modelling to inform proposed reintroductions of European wildcat <i>Felis silvestris</i> to England and Wales Stephen Carter	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	
13:10 - 13:30	How do european wildcats (<i>Felis silvestris silvestris</i>) manage to settle in a heavily fragmented landscape Mathias Herrmann	Roads, forestry, and wolves interact to drive moose browsing behavior in Scandinavia Anne Loosen	
13:30 - 15:00	<i>Lunch</i>		
15:00 - 15:20	Diet of foxes in Warsaw – comparison of the results from three different methods of assessment Mateusz Jackowiak	Diet overlap among red deer, roe deer and moose during winter in forest ecosystems, NE Poland Mirosław Ratkiewicz	
15:20 - 15:40	Variations in the interspecific relationships of sympatric carnivores in a fluctuating prey scenario in a boreal ecosystem Rocio Cano-Martinez	Alien vs. native – influence of fallow deer <i>Dama dama</i> introduction on roe deer <i>Capreolus capreolus</i> population Jakub Gryz	
15:40 - 16:00	Comparison of grey wolves and red foxes diet in habitats of different quality Zuzanna Wikar	Rusa deer, an invasive species : inter & intra-population ecology, diet and dental microwear Emilie Berlioz	
16:00 - 16:20	Fossoriality in a risky landscape: wolves drive badger denning behaviour in Białowieża Primeval Forest Tom Diserens	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-Elhomsy	
16:20 - 16:40	Martens in a changing world – body size variation over space and time Anna Wereszczuk	Impact of wild boar rooting on ectomycorrhizal fungi in boreal forests of Sweden Lars Hillström	
16:40 - 17:00	Detecting methods for an opportunistic and expanding mesocarnivore in SW Europe: the Egyptian mongoose (<i>Herpestes ichneumon</i>) Esther Descalzo	Habitat use by Asian elephants: Context matters Dinesh Neupane	

17:00 - 17:20	Evidence of urbanization of the Arctic fox near Reykjavik capital Ester Rut Unnsteinsdóttir	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 The Evolution of the mammalian brain from Life History perspective Marek Konarzewski	
10:10 - 13:10	Hall A BEHAVIOURAL AND EVOLUTIONARY ECOLOGY: LESZEK RYCHLIK, BORIS SHEFTEL	Hall B MAMMAL PALEOECOLOGY. IMPLICATIONS FOR CONSERVATION AND RESTORATION: HERVÉ BOCHERENS, RAFAŁ KOWALCZYK
10:10 - 10:40	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	Mammal paleoecology: Implications for conservation and restoration Hervé Bocherens
10:40 - 11:00	Acoustic signals accompanying direct contact in two rodent species: the bank and the root voles Aleks Rachwał	Adapt or die—Response of large herbivores to environmental changes in Europe during the Holocene Rafał Kowalczyk
11:00 - 11:20	Looking after energy budget: Ranging behaviour and habitat use of the desert hedgehog Nobuyuki Yamaguchi	Holocene extinction of autochthonous mammals in the Carpathian Basin (Central Europe) and its ecological consequences Attila Németh
11:20 - 11:40	Does Animal Personality Affect Movement in Habitat Corridors? Experiments with Common Voles (<i>Microtus arvalis</i>) using Different Corridor Widths Gabriele Joanna Kowalski	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
11:40 - 12:10	<i>Coffee Break</i>	
12:10 - 12:30	Do common shrews <i>Sorex araneus</i> (Soricidae) of Novosibirsk and Tomsk chromosomal races differ in behavioural syndromes? Leszek Rychlik	Conservation paleoecology of Southeast Asian gorals (<i>Naemorhedus</i>) and serow (<i>Capricornis</i>) through stable isotopic tracking since 400,000 years Hervé Bocherens

12:30 - 12:50	Synchronization of rodent reproduction and tree fructification in oak communities Victoria A. Vekhnik	The NW Iberian brown bear diet from Upper Pleistocene to nowadays: an study on stable isotopes Ana García-Vázquez
12:50 - 13:10	Can we get along? The role of competitive interactions and forest management in shaping a guild of terrestrial rodents Stefania Gasperini	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
13:10 - 14:40	<i>Lunch</i>	
14:40 - 16:50	Hall A BEHAVIOURAL AND EVOLUTIONARY ECOLOGY: LESZEK RYCHLIK, BORIS SHEFTEL	Hall B PALEOGENETICS: AXEL BARLOW
14:40 - 15:10	Effects of a simulated seasonal dietary shift on the wood mouse gut microbiota; from the lab to the wild Kirsty Marsh	Middle Pleistocene genome calibrates the evolutionary history of cave bears Axel Barlow
15:10 - 15:30	Trophic niche partitioning and dietary competition in small rodents, measured using stable isotopes Piotr Chibowski	Diverse responses of common vole (<i>Microtus arvalis</i>) populations to Late Glacial and Early Holocene climate changes – evidence from ancient DNA Mateusz Baca
15:30 - 15:50	Think before you speak! Using thermal imaging for detecting intention and preparation to vocalize Vlad Demartsev	Highly divergent population of narrow-headed vole from the Late Pleistocene Europe Danijela Popovic
15:50 - 16:10	Activity patterns and thermoregulation in male parti-coloured bats <i>Vespertilio murinus</i> Zuzanna Hałat	Neolithic revolution triggered demographic expansion of an African opportunistic carnivore Rita Rocha
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
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09:00 - 10:00	PLENARY Ecology of rodent-borne pathogens in Europe Heikki Henttonen	
10:00 - 10:30	<i>Coffee Break</i>	
10:30 - 14:10	Hall A MAMMALS IN ANTHROPOGENIC LANDSCAPE: DUSKO CIROVIC, ASTRID VIK STRONEN	Hall B GENERAL SESSION: FRANCK COURCHAMP
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 anthropoppression 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	Multispecies reservoir of <i>Spirometra</i> <i>erinaceieuropaei</i> (Cestoda: Diphylobothridae) in wild mammalian hosts in NE Poland Marta Kołodziej-Sobocińska
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	Combining questionnaire survey and biogeographic models to update and forecast the distribution of the only mongoose species in Europe Miguel Delibes-Mateos
12:50 - 13:10	Linking biodiversity to ecosystem services: The small mammal community of NE Portugal agroecosystems Joana Paupério	Spatial variables associated with the geographical range shift of European hamster (<i>Cricetus</i> <i>cricetus</i>) in Poland Aleksandra Zarzycka
13:10 - 13:30	Behavioural adjustments of non-commensal rodents to urban environments Valeria Mazza	The beaver facilitates species richness and abundance of terrestrial and semi-aquatic mammals Janne Sundell
13:30 - 13:50	Do natural margins of arable fields support small mammal populations? Grete Tõnisalu	Mammal mapping in Russia Andrey Lissovsky
13:50 - 14:10	Community Assembly Rules of Insectivorous Bat	Networking at sea: unraveling mixed-species

	Species in Man-made plantations in Israel Claudia Allegrini	cetacean sightings Mridula Srinivasan
14:10 - 14:30		Predators and megaherbivores have contrasting impacts on nitrogen and phosphorus stoichiometry in an African savanna Elizabeth le Roux
14:30 - 15:50	<i>Lunch</i>	
15:50 - 16:00	CLOSING CEREMONY	
16:00	END OF CONFERENCE	