

# 34th European Mustelid Colloquium

## Online, 14 to 16 September 2022



### Draft Programme

Please note that this programme is draft and timings are subject to change.  
The final programme will be available late August.

Times UTC/BST/CET -1

Day 1 — 14 September (Wednesday)		
9:00	Welcome	
SESSION I: Ecology and Evolution		
09:15	<b>Keynote Lecture 1</b> Dr. Anne-Claire Fabre Naturhistorisches Museum Bern, Switzerland	Deciphering the evolution of the incredible morphological and functional diversity in mustelids
10:15	<b>COFFEE BREAK</b>	
10:40	Salvador Salvador Allué	Monitoring stoats ( <i>Mustela erminea</i> ) and other small mammals at high altitude under a scenario of climate change
11:05	Thomas Osinga	Snow limits polecat ( <i>Mustela putorius</i> ) distribution in Sweden
11:30	Inês Miranda	Characterising the selective and phenotypic underpinnings of seasonal camouflage in the least weasel
11:55	<b>LUNCH</b>	
SESSION 2: Lightning Talks		
13:25	Guillermo Carmona	First data of red polecats ( <i>Mustela putorius</i> ) from Spain
13:35	Daniela Teixeira	Activity patterns of two generalist mesocarnivores in Mediterranean forestry plantations
13:45	Andrea Marín Sierra	Relationship between prey-catching behaviour and post-release survival in captive-bred European mink ( <i>Mustela lutreola</i> )
13:55	Paddy Sleeman	Badgers ( <i>Meles meles</i> ) and biodiversity – data on sett ecosystems
14:05	Lightning Talk Questions	
14:15	<b>Poster Session and Networking</b>	
15:15	<b>COFFEE BREAK</b>	
SESSION 3: Ecology and Evolution (continued)		
15:40	Jeroen Mos	Where do the weasels spend the winter? Weasel occurrence relative to seasonal changes in vegetation cover
16:05	Miguel Rosalino	Badger density and breeding phenology in Mediterranean agro-sylvo-pastoral systems
16:30	Marcela Alvarenga	Using museomics to dissect the genetic basis and evolution of winter colour polymorphism in stoats – a good model to study adaptation to climate change
16:55	<b>End</b>	
18:30	<b>Networking</b>	

Day 2 — 15 September (Thursday)		
SESSION 4: Research Methods		
9:15	Jelena Mausbach	Using detection dogs for Mustelid monitoring – insight from field work with <i>Lutra lutra</i> , <i>Mustela erminea</i> , <i>Mustela nivalis</i>
9:40	Holly Broadhurst	Optimising environmental DNA (eDNA) approaches for detecting semi-aquatic European mustelids
10:05	Ruth Hanniffy	The continued evolution of the camera trap: using the <i>Mustela</i> to monitor the Irish stoat ( <i>Mustela erminea hibernica</i> ) in the west of Ireland
10:30	COFFEE BREAK	
10:55	Sian Green	Who's who of pine martens – is individual ID possible when combining camera traps and citizen science?
11:20	Irene Weinberger	Where to look – comparing survey approaches for the Eurasian otter
11:45	Nadine Erath	Mustelid Mugshots: a new camera-tube-lure system as a monitoring tool for European polecats in Sweden
12:10	LUNCH	
SESSION 5: Genetics		
13:40	Andrew Veale	The population genomics of stoats in Aotearoa and its use to inform control and eradication efforts
14:05	Graham Etherington	Extensive genome introgression between domestic ferret and European polecat during population recovery in Great Britain
14:30	Alice Mouton	European mink ( <i>Mustela lutreola</i> ) reference genome and population genomics
14:55	COFFEE BREAK	
SESSION 6: Genetics (continued)		
15:20	João Pimenta	Dissecting the genetic determinants of adaptive camouflage in the long-tailed weasel using museum genomics
15:45	Rebecca Shaw	Gene Family Expansions across Mustelids
16:10	End	
18:00	<b>Keynote Lecture 2</b> Dr. David Jachowski Department of Forestry and Environmental Conservation, Clemson University, South Carolina, USA	Addressing the decline of weasels in North America
19:00	Networking	

## Day 3 — 16 September (Friday)

### SESSION 7: Human Dimensions and Conservation Issues

9:15	<b>Keynote Lecture 3</b> <b>Dr. Malin Aronsson</b> Department of Ecology, Swedish University of Agricultural Sciences	A predator of the northern wilderness – understanding wolverine ecology for present and future conservation challenges
10:15	<b>COFFEE BREAK</b>	
10.40	<b>Patrick Wright</b>	A global review of the conservation threats and status of mustelids
11:05	<b>Sayantani Basak</b>	A decadal change in public attitudes toward urban stone marten ( <i>Martes foina</i> ): a case study of Krakow, Poland
11.30	<b>Allison Barg</b>	Spatial and temporal trends in western polecat road mortality in Wales
11.55	<b>Sarah Layendecker</b>	Living in a polluted world – microplastic contamination of the Eurasian otter ( <i>Lutra lutra</i> )
12:20	<b>LUNCH</b>	
13:50	<b>Poster Session and Networking</b>	

### SESSION 8: Lightning Talks

14.50	<b>Lizzie Croose</b>	Mink on the brink: comparing surveying methods for detecting a Critically Endangered carnivore, the European mink ( <i>Mustela lutreola</i> )
15.00	<b>Kyla Johnstone</b>	Methods to quantify personality traits in mustelids and its application in ecology and conservation
15.10	<b>Ingrid Marchand</b>	LIFE VISON, conservation of the European Mink in the Charente basin – a major project
15.20	<b>Eloy Gálvez López</b>	Craniomandibular differences between European and American mink: correlations with dietary specialisation
15.30	<b>Christine Fournier-Chambrillon</b>	First diet study of the critically endangered European mink ( <i>Mustela lutreola</i> ) in France and Spain using Next Generation Sequencing technologies
15.40	<b>Lightning Talk Questions</b>	
15:50	<b>Close</b>	
16:00	<b>Networking</b>	