Conference sessions at a glance

All talks take place in the Department of Zoology, South Parks Road, Oxford University

Tuesday 19th March

08:50 – 10:40  Conference session 1: Ecology and social organisation (1)
10:40 – 11:10  Coffee & Tea
11:10 – 12:50  Conference session 2: Ecology and social organisation (2)
12:50 – 13:50  Lunch
13:50 – 15:50  Conference session 3: Populations, habitat associations and the wider landscape
15:50 – 16:20  Coffee & Tea
16:20 – 18:20  Conference session 4: Musteloids and people

Wednesday 20th March

09:00 – 10:40  Conference session 1: Evolution, systematic and genetics
10:40 – 11:10  Coffee & Tea
11:10 – 12:50  Conference session 2: Lesser known musteloids
12:50 – 13:50  Lunch
13:50 – 15:50  Conference session 3: Morphology, physiology and behaviour
15:50 – 16:20  Coffee & Tea
16:20 – 18:20  Conference session 4: Restoration and ex-situ conservation

Thursday 21st March

09:00 – 10:40  Conference session 1: Invasives (1)
10:40 – 11:10  Coffee & Tea
11:10 – 12:50  Conference session 2: Invasives (2)
12:50 – 13:50  Lunch
13:50 – 15:50  Conference session 3: Research tools
15:50 – 16:20  Coffee & Tea
16:20 – 17:55  Conference session 4: 5-minute speed presentations
Detailed Conference Sessions

Tuesday 19th March - Morning

Session 1: ECOLOGY AND SOCIAL ORGANISATION (1)

08:50 – 09:40  PLENARY TALK: David Macdonald
   Musteloid sociality: the grass-roots of society

09:40 – 10:00  Nobuyuki Yamaguchi
   Embryonic diapause and superfoetation: a winning combination for females?

10:00 – 10:20  B. Kostka, M. Scantlebury, C. Harrod, W. Ian Montgomery*
   Variation in trophic ecology and foraging specialisations in Eurasian badger

10:20 – 10:40  Emmanuel Do Linh San*, Nicola Ferrari, Jean-Marc Weber
   Do photoperiod, weather and trophic conditions affect European badger activity and time budgets?

10:40 – 11:10  COFFEE & TEA

Session 2: ECOLOGY AND SOCIAL ORGANISATION (2)

11:10 – 11:30  Andrew Byrne*, J.L. Quinn, J.J. O’Keeffe, S. Green, D. P. Sleeman, S.W. Martin, J. Davenport
   Empirically derived movement kernels for the European badger

11:30 – 11:50  Dexter Hodder*, Karl Larsen
   Winter movements of American mink in north-central British Columbia, Canada

11:50 – 12:10  Jessica Groenendijk, Frank Hajek, Christof Schenck, Elke Staib, Paul Johnson, David Macdonald
   Demography of the Giant Otter (Pteronura brasiliensis) in Manu National Park, Peru, and implications for conservation

12:10 – 12:30  Caroline Leuchtenberger*, Carolina Ribas, William Magnusson, Guilherme Mourão
   Ecology, behaviour and conservation status of a giant otter population in the Brazilian Pantanal

12:30 – 12:50  Chris Newman
   Climate changeability – consequences and adaptation in the European badger

12:50 – 13:50  LUNCH
Tuesday 19th March - Afternoon

Session 3: POPULATIONS, HABITAT ASSOCIATIONS AND THE WIDER LANDSCAPE

13:50 – 14:30  PLENARY TALK: Nils Chr Stenseth
               TBC

14:30 – 14:50  Samuel A. Cushman*, Tzeidle N. Wasserman, Andrew J. Shirk
               Limiting factors, thresholds and multi-scale habitat relationships of American marten

14:50 – 15:10  Tzeidle N. Wasserman*, Samuel A. Cushman
               Gene flow, population connectivity and potential effects of climate change on American marten in the United States northern Rocky Mountains

15:10 – 15:30  Matt Gompper
               State of the spotted skunk: insights from a decade of research

               Does grey wolf presence affect the habitat selection of wolverines?

15:50 – 16:20  COFFEE & TEA

Session 4: MUSTELOIDS AND PEOPLE

16:20 – 16:40  Jerry Belant*, Dwayne R. Etter, C. Adam Bump, Brian J. Frawley, Tim Hiller
               Applying science and informed decision making to fisher and American marten harvest management in Michigan, USA

16:40 – 17:00  John Fryxell*, Ian Thompson, Jim Baker
               Human-mediated source-sink dynamics in the American marten

17:00 – 17:20  Yayoi Kaneko*, You-Bing Zhou, Sang-Hoon Han, Jin-Ping Chen, Ying-Zi Zeng, Ming-Xia Zhang, Yik Fui Philip Lo, Bosco Pui Lok Chan, Michael Lau, Chris Newman, Christina Buesching, David W. Macdonald
               Economic exploitation of badgers in Japan, southern China and South Korea

17:20 – 17:40  Paddy Sleeman
               Effect of 'Celtic Tiger' developments on Irish badger populations

17:40 – 18:00  Vania Carolina Fonseca da Silva*, Miriam Marmontel
               Assessing human-giant otter conflicts in the Amazon: a case study in the context of a sustainable development reserve

18:00 – 18:20  Hari P. Sharma*, Jerrold L. Belant, Jon E. Swenson
               Effects of livestock grazing on red panda habitat use in Rara NP, Nepal

18:20  CLOSE OF DAY ONE
Wednesday 20th March - Morning

Session 1: EVOLUTION, SYSTEMATICS AND GENETICS

09:00 – 09:40  PLENARY TALK: Klaus-Peter Koepfli
                TBC

09:40 – 10:00  Roland Kays*, Kristofer M. Helgen, C. Miguel Pinto, Lauren E. Helgen, Mirian T. N. Tsuchiya, Aleta Quinn, Don E. Wilson, Jesus E. Maldonado
                Taxonomy of the olingos, genus Bassaricyon

10:00 – 10:20  Géraldine Veron*, Michelle de Oliveira e Silva, Fabricia Ferreira do Nacimento, Jorge Salazar-Bravo, Pablo Rodrigues Gonçalves, Yuri Luiz Reis Leite, Alfredo R. Langguth, Claudia Regina Silva, Cibele R. Bonvicino
                Systematics of the kinkajou

10:20 – 10:40  Sofiko Pishchulina*, Ilya Meschersky, Leonid Simakin, Viathcheslav Rozhnov
                Hybridisation between sable and pine marten populations in the sympatric zone

10:40 – 11:10  COFFEE & TEA

Session 2: LESSER-KNOWN MUSTELOIDS

11:10 – 11:30  Fuwen Wei
                Current status and research advance of wild red pandas in China

11:30 – 11:50  Yibo Hu*, Yu Guo, Dunwu Qi, Xiangjiang Zhan, Hua Wu, Michael W. Bruford, Fuwen Wei
                Population genetic structure and demographic history of red pandas

                Predicting the future of an unknown species: exposing the range restricted Borneo Ferret Badger to climate and land-cover change

12:10 – 12:30  Jerry Dragoo
                Hooded skunks: the other Mephitis

12:30 – 12:50  Joanna Ross
                Temporal segregation within the small carnivores of Borneo

12:50 – 13:50  LUNCH
Wednesday 20th March - Afternoon

Session 3: MORPHOLOGY, PHYSIOLOGY AND BEHAVIOUR

13:50 – 14:30 PLENARY TALK: Andrew Kitchener*, Carlo Meloro, Terrie Williams
Why so many mustelids? How form and function have led to global success

14:30 – 14:50 Carlo Meloro
Ecomorphology of mustelidae

14:50 – 15:10 Christina Buesching
Questioning an established theory: The role of latrine use in badger territoriality

15:10 – 15:30 Andrzej Zalewski
Geographical variation in food habits of pine marten and sable: different adaptation of sibling species

15:30 – 15:50 Marianne Haage*, Ulrika A. Bergvall, Tiit Maran, Kairi Kiiks, Anders Angerbjörn
The effect of situation and context on European mink personality trait domains

15:50 – 16:20 COFFEE & TEA

Session 4: RESTORATION AND EX-SITU CONSERVATION

16:20 – 16:40 Angela Glatston
Red panda conservation: a partnership between zoos, field researchers and NGOs

16:40 – 17:00 Camilo Sánchez-Giraldo, Rurik List*, Jesús Pacheco, Claudia Molina, Gerardo Ceballos
Black-footed ferret reintroduction in Mexico

17:00 – 17:20 Madis Põdra*, Asun Gómez, Santiago Palazón, Tiit Maran, David W. Macdonald
Is reintroduction a feasible conservation tool for a critically endangered European mink?

17:20 – 17:40 Carin Wittnich*, Nesime Askin, Michael Belanger
The reintroduction of otters back into their natural habitat - years of trials and tribulations

17:40 – 18:00 Tom Serfass*, Jennifer Bohrman
Wildlife policy, science and marketing: through the eyes of the North American river otter

18:00 – 18:20 Roger Powell
The fisher as a model organism: The fruit fly for musteloids?

18:20 CLOSE OF DAY TWO
Thursday 21st March - Morning

Session 1: INVASIVES (1)

09:00 – 09:40  PLENARY TALK: Carolyn King  
Small mustelids in New Zealand: invasion ecology down under

09:40 – 10:00  Andrew James Veale*, Mick Clout, Dianne Gleeson  
Detecting and quantifying stoat invasion and survival rates for island conservation management

10:00 – 10:20  Al Glen*, Andrea Byrom, Patrick Garvey, Roger Pech  
Mustelid predators in New Zealand’s invaded ecosystems

10:20 – 10:40  Elaine Fraser*, Xavier Lambin, Matthew K. Oliver, David W. Macdonald  
Managing mustelids - uneven population expansion of the invasive American mink influences approach to management and control

10:40 – 11:10  COFFEE & TEA

Session 2: INVASIVES (2)

11:10 – 11:30  Robert Stefansson*, Menja von Schmalensee, Rannveig Magnusdottir, Pall Hersteinsson  
The rise and fall of a mink population

11:30 – 11:50  Giulia Santulli Sanzo*, Santiago Palazon, Yolanda Melero, Mireia Plaza, Karla Garcia, Joaquim Gosalbez  
Predicting the American mink invasion in Catalonia (Spain): comparison of two iSDM strategies

11:50 – 12:10  Yolanda Melero*, Matthew Oliver, Xavier Lambin  
Spatial population dynamics of American mink (re)invasion at low density

12:10 – 12:30  Berit Michler*, Frank-Uwe F. Michler, Mechthild Roth  
Effects of racoon settlement in Germany - a survey about the population biology of an unfamiliar invasive species

Semi-aquatic and aquatic mustelids as models to study invasive infectious disease and zoonosis

12:50 – 13:50  LUNCH
Thursday 21st March – Afternoon

Session 3: RESEARCH TOOLS

13:50 – 14:30  PLENARY TALK: Roger Powell
Stink or swim – Challenges for the study and conservation of small critters that hide, swim, climb and may otherwise make themselves unpleasant

14:30 – 14:50  Mike Noonan*, Stephen Ellwood, Andrew Markham, David Macdonald
The Underground Lives of Badgers

14:50 – 15:10  Joanna Bagniewska, Lauren Harrington*/Tom Hart*, Graeme C. Hays, Laura Fasola, David Righton, David W. Macdonald
Prying into the private lives of wild animals - what do mink do in their free time?

15:10 – 15:30  Adi Barocas*, Howard Golden, Merav Ben-David
Catch you at the latrine - measuring social associations among coastal river otters

15:30 – 15:50  Neil Reid*, Mathieu G. Lundy, Brian Hayden, Jane S. Preston, Ferdia Marnell, Robbie A. McDonald, W. Ian Montgomery
Detecting detectability: identifying and correcting bias in Eurasian otter incidence derived from the 'Standard otter survey' method

15:50 – 16:20  COFFEE & TEA

Session 4: 5-MINUTE SPEED PRESENTATIONS

16:20  Robert Mysłajek*, Sabina Nowak, Anna Rożen, Bogumiła Jędrzejewska
Spatial organisation and diet of European badger in the Carpathian mountains

16:25  Adam Ferguson*, Wesley A. Brashear, Robert C. Dowler
Space use, denning ecology and the abiotic niche of the American hog-nosed skunk: a first assessment

16:30  Esteban Payan, Evi Paemelaere, Jaime A. Cabrera, Angelica Benitez, Valeria Boron*
Tayra, coati and crab-eating racoon habitat associations, activity patterns and relative abundance in northern South America landscapes

16:35  Patrick Garvey*, Al Glen, Mick Clou, Roger Pech
Behavioural reactions of wild-captured stoats to sympatric competitors

16:40  Lorenzo Quaglietta*, António Mira, Luigi Boitani
Influence of seasonality and water availability on home ranges and movements of Mediterranean otters

16:45  (CONT. OVERLEAF)
Thursday 21st March – Afternoon

Session 4: 5-MINUTE SPEED PRESENTATIONS (cont.)

16:50  Santiago Palazon*, Asunción Gómez, Madis Podra, Sonia Oreca, Cesar Aguilar, Mirenka Ferrer
Population data on European mink in northern Spain

16:55  Menja von Schmalensee*, Robert A. Stefansson, Pall Hersteinsson
Lessons learned from an experimental mink eradication project in Iceland

17:00  Helen Bateman*, William F. Swanson
Reliability of fecal progesterone analysis for pregnancy diagnosis and parturition timing in North American river and Asian small-clawed otters

17:05  Kirstin Bilham*, Yung Wa Sin, Chris Newman, Christina Buesching, David Macdonald
Antioxidant ecology and oxidative stress in European badgers

17:10

17:15  Steve Carter
TBC

Understanding factors guiding interactions between otters and fish-farmers in Benin: a basis for conflicts mitigation

17:25  Alexej Siren*, Peter Pekins, Jill Kilborn, Dan Maynard
Impact of wind farm development in use of high-elevation spruce-fir habitat by American marten

17:30  Nicola Okes
Spatial ecology and health of cape clawless otter in an urban environment - current research on the Cape Peninsula

17:35  Tom Serfass*, Sadie Stevens
Spotted-neck otters and Rubondo Island NP, Tanzania: The process of developing an ecotourism flagship

17:40

17:45  Addy de Jongh
TBC

17:55  CLOSE OF FINAL DAY