



The Mammal Society 65th Spring Conference and AGM



29th – 31st March 2019

Friday 29th March

18.00-19.30 *Mammal Society conference registration in Sir Charles Wilson Building Foyer*

18.30-19.30 *Wine reception in Sir Charles Wilson Building Foyer*

19.30-21.00 **Mammal Photographer of the Year exhibition and prize giving**
in Sir Charles Wilson Building

Cranbrook Memorial Lecture – Peter Cairns
Scotland: A Re-wilding Journey

Saturday 30th March

8.30-9.30 *Registration for day delegates in Sir Charles Wilson Building foyer*

Session 1

9.30-9.35 **Introduction and conference opening.**

9.35-10.00 **Can artificial den boxes boost pine marten populations in commercial forests?**
Johnny Birks; Swift Ecology

10.00-10.25 **Temporal patterns of wildlife roadkill on UK roads**
Amy Williams Schwartz; University of Wales, Cardiff (STUDENT PRESENTATION)

10.25-10.50 **The Adaptive Management of British Deer**
Suzanne Richardson; University of Hull

10.50-11.25 *Tea, coffee, posters and stalls*

Session 2

11.25-11.50 **Population status and management of wildcats in Scotland**
Roo Campbell; Scottish Wildcat Action

11.50-12.15 **Distinguishing the victim from the threat: SNP-based methods reveal the extent of introgressive hybridization between wildcats and domestic cats in**

Scotland and inform future in situ and ex situ management options for species restoration

Helen Senn; Royal Zoological Society of Scotland

- 12.15-12.40 **The Scottish wildcat: Past perceptions and future conservation**
Andrew Kitchener; National Museum of Scotland
- 12.40-13.05 **Using habitat suitability modelling to inform proposed reintroductions of European wildcat *Felis silvestris* to England and Wales**
Jenny MacPherson, Vincent Wildlife Trust
- 13.05-14.30 *Buffet lunch in the Foyer area*

Session 3

- 14.30-14.55 **Going the extra mile: GPS tracking reveals the extent of movement during badger dispersal**
Aoibheann Gaughran; Trinity College Dublin (STUDENT PRESENTATION)
- 14.55-15.20 **An integrative approach for the conservation of a critically endangered Neotropical primate using canopy camera traps and genetic tools**
Mariane Kaizer; University of Salford (STUDENT PRESENTATION)
- 15.20-15.45 **Defining component processes of detection probability in camera-trap studies to understand occurrence of false-negatives**
Mel Findlay; Findlay Ecology Services Ltd
- 15.45-16.30 *Tea, coffee, posters and book sales in the Foyer area*
- 16.30-17.30 *AGM for all Mammal Society members in Lecture Theatre*
- 19.00-21.00 *Conference dinner, presentation of The Mammal Society Award and raffle in the Hilton Glasgow Grosvenor hotel*

Sunday 31st March

- 8.30-9.10 *Registration for day delegates in Queen's Entrance foyer*

Session 4

- 9.10-9.35 **Critical areas for mammal persistence in Europe under scenarios of climate change: space, time and socioeconomic compromises**

Diogo Alagador; University of Évora

- 9.35-10.00 **Modelling changes in British Mammal populations**
Frazer Coomber; The Mammal Society
- 10.00-10.25 Rapid Fire:
10.00-10.05 **Urban ecology of the Eurasian red squirrel (*Sciurus vulgaris*)**
Kat Fingland; Nottingham Trent University (STUDENT PRESENTATION)
- 10.05-10.10 **Potential dietary influences on mandibular morphology in red squirrels**
Phil Cox, University of York
- 10.10-10.15 **Track and Sign – the neglected traditional knowledge that could unlock the power of MammalMapper (and other citizen science projects)**
Bob Cowley; Oxfordshire Mammal Group
- 10.15-10.20 **The Importance of Inter-Disciplinary Studies – How Mammals depend on Beetles (and vice versa)**
Linda Losito
- 10.20-10.25 **Managing water voles in urban grasslands**
Dominic McCafferty; Glasgow Water Vole Project
- 10.25-11.00 *Tea, coffee, posters and stalls in the Foyer area*

Session 5

- 11.00-11.25 **Modelling density estimates of reintroduced Mountain Hares using Distance Sampling**
Carlos Bedson; Manchester Metropolitan University (STUDENT PRESENTATION)
- 11.25-11.50 **Environmental DNA (eDNA) metabarcoding of lentic and lotic waters as a tool to survey semi-aquatic and terrestrial mammals in the UK**
Lyndsey Harper; University of Hull (STUDENT PRESENTATION)
- 11.50-12.15 **Know your enemy: A molecular approach identifies changing characteristics of the microbiome during an invasion-extinction event between native and invasive shrews in Ireland**
Sam Browett; Salford University (STUDENT PRESENTATION)
- 12.15-12.45 Rapid Fire:
12.15-12.20 **What is driving declines of Britain's hedgehogs?**
Patrick Wright; The Mammal Society
- 12.20-12.25 **Free movement across borders: Extra Territorial Excursions by European badgers in a medium density population**
David Kelly; Trinity College Dublin

- 12.25-12.30 **The impact of roadworks on the ranging behaviour of European badgers (*Meles meles*)**
Enda Mullen; National Parks & Wildlife Services
- 12.30-12.35 **Badger metapopulation dynamics along the River Clyde from Erskine Bridge to Waters meeting (76 miles, continuous survey, both banks/source to sea)**
John Derbyshire; Clyde Corridor Badger Survey Group
- 12.35-12.40 **A pilot study of a novel method to monitor weasels (*Mustela nivalis*) and stoats (*Mustela erminea*) in Britain**
Lizzie Croose; The Vincent Wildlife Trust
- 12.40-12.45 **Otters of the University and Blackpool Districts in Cork, Ireland**
Paddy Sleeman; University College Cork
- 12.45-13.05 Prize giving and close of main conference
- 13.05-14.15 *Lunch in the Foyer area*
- 14.15-15.30 **Workshops**
- 1. Mice, Mustelids and the Magic of Camera Trapping; monitoring, engagement and filling in the gaps** – Rose Toney, The Mammal Society & Nick Littlewood, University of Cambridge
 - 2. State of Mammals in Scotland** – Fiona Matthews/Frazer Coomber; The Mammal Society
- 15.30-16.45 **Workshops**
- 3. Footprint tunnels for dormice** – Simone Bullion
 - 4. Wildcat identification ecology and surveying** – Roo Campbell
- 14.30 – 16.45 **Field trip to water voles** – Meryll Gelling & Robyn Stewart