



XI CONGRESSO  
ITALIANO DI  
TERIOLOGIA



UNIVERSITÀ  
DEGLI STUDI  
FIRENZE  
MUSEO DI  
STORIA  
NATURALE



S.I.E.F.  
Società Italiana  
Ecopatologia  
della Fauna



**Università degli Studi di Firenze**  
**Scuola di Giurisprudenza**  
**Via delle Pandette 32**

## PROGRAMME

**Wednesday, 20 June 2018**

### **8:30 START OF REGISTRATIONS**

### **9:00-9:30 WELCOME GREETINGS**

Luigi Dei, Rector Università degli Studi di Firenze  
David Caramelli, Head Department of Biology  
Marco Benvenuti, President Natural History Museum

### **Ore 9:30-10:30 PLENARY/OPENING TALK**

**Xavier Lambin** (University of Aberdeen, UK)

**“Restoring the water vole, a rat yet a British cultural icon, decimated by the invasive American mink using a multi-disciplinary approach”**

### **Session 1**

### **MAMMAL SYSTEMATICS, TAXONOMY AND PHYLOGENETICS: NEW APPROACHES AND STATE OF KNOWLEDGE**

Chairs: Riccardo Castiglia, Francesco Maria Angelici, Paolo Colangelo, Giovanni Amori

**10:30 – 11:00** Invited speaker: **Anna Bannikova** (Lomonosov Moscow State University, Russia)  
**“Molecular evolution of Eulipotyphla: unresolved problems of phylogenetic reconstruction”**

**11:00 – 11:15** Angelici F.M., Ciucani M.M., Angelini S., Annesi F., Caniglia R., Castiglia R., Fabbri E., Ravegnini G., Rossi L., Siracusa A.M., Cilli E. **“Mitochondrial DNA analysis of the recently extinct gray wolf (*Canis lupus*) from Sicily”**

**11:15-11:45 Coffee break**

11:45 – 12:00 Mori E., Menchetti M., Nerva L., Zozzoli R., Capizzi D., Monaco A., Milanesi P. “The importance of taxonomic level in biological invasions: the case of invasive chipmunks at global scale”

12:15 – 12:30 Attili L., Solano E., Castiglia R. “A complete view of chromosomal and mtDNA relationships among areas of chromosomal polymorphism in the house mouse, *Mus domesticus*”

12:30 – 12:45 Caniglia R., Mattucci F., Velli E., Galaverni M., Canu A., Scandura M., Fabbri E. “How much hybrid should a hybrid be? Empirical evaluation of proportions of membership to define reliable assignment thresholds”

12:45 – 13:00 Colangelo P., Ciucci P., Guidarelli G., Roccotelli E., Loy A.: Increasing fluctuating asymmetry in the isolated and highly endangered Marsican brown bear (*Ursus arctos marsicanus*)”

### 13:00 – 14:30 Lunch

## Session 2

### ECOLOGICAL INTERACTIONS IN MAMMALS: POPULATIONS, SPECIES, COMMUNITIES

Chairs: Luc Armand Wauters, Emiliano Mori, Carlo Citterio

**14:30 – 15:00** Invited speaker: **John Koprowski** (University of Arizona, USA)

“The loss and gain of small mammal ecosystem engineers: cause and consequence”

15:00 - 15:15 Grillini M., Kjellander P., Christensson M., Grasso A., Scaravelli D. “Environment vs climate in the relationship tick and mammalian hosts in Swedish forest”

15:15 - 15:30 Mazzamuto M.V., Santicchia F., Martinoli A., Wauters L.A. “The role of personality in interspecific competition: first insight on tree squirrels”

15:30 - 15:45 Michelutti A., Dellamaria D., Trevisiol K., Vio D., Bregoli M., Obber F., Danesi P., Celva R., Citterio C., Capelli G. “*Echinococcus multilocularis* and other cestodes in red fox populations of north-east Italy”

15:45 - 16:00 Santicchia F., Romeo C., Ferrari N., Grilli G., Matthysen E., Martinoli A., Wauters L.A. “Biological invasions: personality, parasite infections and their influence on host reproductive success/investment”

### 16:00 – 16:30 Coffee break (Start of vote for Association charges)

16:30 - 16:45 Scillitani L., Volery L., Jatavallabhula D., Bacher S., Bertolino S. “Not all impacts are the same: from individual to ecosystems, the environmental impact classification for alien taxa”

16:45 - 17:00 Zanni M., Bellini V., Montanaro P., Franzetti B. “Birth, growth and survival of Italian roe deer fawns in a Mediterranean population. Episode II”

17:00 - 17:15 Fusari S., Procaccio E.L., Meriggi F., Meriggi A. “Structure and population dynamics of roe deer (*Capreolus capreolus*) in dry crop plain of Northwestern Italy”

17:30 - 17:45 Mazzamuto M.V., Wauters L.A., Preatoni D., Martinoli A. “Life on the edge: small mammals and ecotonal habitats”

### 18:00 – 20:00 Welcome Refreshment AperitATIt and POSTER SESSION

## Thursday, 21 June 2018

### Session 3

#### **EVIDENCE BASED MAMMAL CONSERVATION AND MANAGEMENT**

Chairs: Sandro Bertolino, Maria Vittoria Mazzamuto, Massimo Scandura

**9:00-9:30** Invited speaker: **Bill Sutherland** (University of Cambridge, UK)

“An evidence-based approach to mammal conservation”

9:30 – 9:45 Corlatti L., Sanz-Aguilar A., Gugiatti A., Tavecchia G., Pedrotti L. “Hidden hurdles in wildlife management: unravelling the impact of poaching on ungulate mortality”

9:45 - 10:00 Tricarico E., Bertolino S. “A conservation evidence approach to assess the efficacy of control methods for invasive alien mammals”

10:00 – 10:15 Mancinelli, S., Falco, M., Ciucci, P. “Living close to humans: behavioral responses of wolves to anthropogenic features in Central Italy”

10:15 – 10:30 Bonanni P., Ossi F., Ranc N., Hansen W., Moorcroft P. M., Ferraro E., Brugnoli A., Cagnacci F. “Should I eat or should I go? Patterns of use of supplemental feeding by roe deer in an alpine environment”

10.30 - 10.45 La Morgia V., Paoloni D., Aragno, P., Zuchegna I., Ottaviano M., Poggiani M., Genovesi P. “Are we effective? An overall assessment of the management strategy applied to remove grey squirrels (*Sciurus carolinensis* Gmelin, 1788) from Umbria”

### **10:45 – 11:15 Coffee break**

11:15 -11:30 Catenacci M., Franzetti B., Ronchi F., Focardi S. “Natal dispersal in wild boar and the nearest neighbour effect”

11:30 – 11:45 Scillitani L., Volery L., Jatavallabhula D., Bacher S., Bertolino S. “Looking for evidence: research gaps and lazy citations in alien species impact”

11:45 – 12:00 Fattorini N., Watson P. “Scale-dependent effectiveness of management in reducing deer impact on woodland”

12:15 – 12:30 Nanni V., Bombieri G., Delgado M.D.M., Fedriani J.M., Caprio E., Schiaparelli S., Penteriani V. “May media reports and social media switch public perception of large carnivores?”

12:30 – 12:45 De Marinis A.M., Chirichella R., Bottero E., Apollonio M. “Teeth and jaws as ecological indicators: the case of roe deer”

12:45 – 13:00 Panzeri M., Costa A., Pogliani G., Bisi F., Mazzamuto M.V., De Filippi G., Preatoni D.G., Wauters L.A., Martinoli A. “First evidences on raccoon control program in Lombardy”

### **12:30- 13:30 Workshop organized by Wildlife Acoustics**

(held in *Bat Room* and limited to whom had previously adhered to the workshop)

### **13:00 – 14:30 Lunch**

## **Workshop**

### **PROTECTED AREAS, WILDLIFE PARKS AND MUSEUMS: MEETING POINTS AMONG RESEARCH, DISSEMINATION AND RECREATION**

Chairs: Paolo Agnelli, Andrea Monaco, Clara Tattoni

14:30 – 14:40 Introduction to the workshop

**14:40 – 15:10** Invited speaker: **Andrea Sforzi** (Museo di Storia Naturale della Maremma, IT)  
“The great challenge: exploring potentialities of Natural History Museums, wildlife parks and protected areas in a changing world”

**15:10 – 15:30** Invited speaker: **Cesare Avesani** (Parco Natura Viva, IT) “The commitment of UIZA zoos to mammals conservation and public awareness”

15:30 – 15:45 Scalisi M., Capizzi D., Carotenuto L., Pizzol I. “The added value of Protected Areas networking for Natura 2000 monitoring: a case study from Lazio”

15:45 – 16:00 Gippoliti S., Hagos F., Angelici F.M. “Eritrean ungulates in Italian museums as benchmark for taxonomy and conservation planning”

16:00 – 16:15 Armanini M., Chirichella R., Bonavida A., Zampiccoli G., Zibordi F., Mustoni A., Apollonio M. “Bears behaviour towards humans: the outcome of 384 encounters interviews collected by Adamello Brenta Nature Park”

**16:15 – 16:45** *Coffee break (Stop of vote for Association charges)*

**16:45 – 17:15** ATIt COMMUNICATION OFFICE

Presentation of the volume “Mammiferi: istruzioni per l’uso”

**17:15 – 19:00** **Association Meeting and Awards**

**20:00 – 24:00** **Social dinner and auction (AestasiATIt)**

## **Friday, 22 June 2018**

### **Session 4 – NEW APPROACHES IN MAMMAL RESEARCH**

Chairs: Anna Loy, Giulia Guidarelli, Giulia Sozio

**09:00 – 09:30** Invited speaker: **Orly Razgour** (University of Southampton, UK)  
“Integrating genomic and ecological approaches to investigate bat responses to global environmental changes”

09:30 – 09:45 Falco M., Maiorano L. and Ciucci P. “Multi-grain habitat selection by Apennine brown bears in their core distribution”

09:45 – 10:00 De Angelis D., G.Gužvica, D.Huber, Kusak J., Panzacchi M., Reljić S., Šver L., Van Moorter B., Ciucci P. “Seasonal movement corridors for brown bears in Croatia”

10:00 - 10:15 Corlatti L., Gugiatti A., Ferrari N., Formenti N., Trogu T., Pedrotti L. “Indirect effects of spring-summer temperature on fecundity in a capital breeder: The cooler the better?”

10:15 – 10:30 Quaglietta L., Paupério J. Martins F. MS, Alves P.C., Beja P. “Severe range contraction in the globally endangered Pyrenean desman revealed by stream geostatistical modeling and non-invasive genetic sampling”

**10:30 – 11:00 Coffee break**

**11:00 – 11:30** Invited speaker: **Carlo Meloro** (Liverpool John Moore University, UK).

“Promises and pitfalls of mammalian ecomorphology”

11:30 – 11:45 Biancolini D., Baisero D., Bellard C., Pacifici M., Blackburn T., Rondinini C.

“Introduction and invasion risk of exotic mammals under global change”

11:45 – 12:00 Genovesi P., Carnevali L., Bertolino S., Monaco A. “An application of horizon scanning and prioritization methods to support prevention, and early detection and rapid response measures to alien mammals in Italy”

12:00 – 12:15 Cerri J., Bertolino S., Mori E., Zozzoli R. “Social sciences in invasion biology: an alien among aliens”

12:15 – 12:30 Marcelli M., Fusillo R. “Occupancy modelling and power analysis to detect trends in threatened species. An example with the otter (*Lutra lutra*) in Italy”

12.30 – 12-45 Menchetti M., Mori E., Milanese P. “Capitalizing Citizen Science data to develop species distribution models: an example with iNaturalist and Italian terrestrial mammals”

**12.45 – 13.15 FINAL GREETINGS AND CLOSING CEREMONY**