



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

PROGRAMMA

Mercoledì 20 Giugno

8:30 Apertura registrazioni

9:00-9:30 Saluti

Magnifico Rettore dell'Università degli Studi di Firenze, Prof. Luigi Dei
Direttore del Dipartimento di Biologia, Prof. David Caramelli
Presidente del Museo di Storia Naturale, Prof. Marco Benvenuti

Ore 9:30-10:30 RELAZIONE INTRODUTTIVA

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”

Sessione 1

SISTEMATICA, TASSONOMIA E FILOGENESI DEI MAMMIFERI: NUOVI APPROCCI E STATO DELLE CONOSCENZE

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

10:30 – 11:00 Relazione a invito **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

Sessione 2

INTERAZIONI ECOLOGICHE NEI MAMMIFERI: POPOLAZIONI, SPECIE, COMUNITÀ

Coordinatori: Luc Armand Wauters, Emiliano Mori, Carlo Citterio

14:30 – 15:00 Relazione a invito **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 e APERTURA SEGGI

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 AperiatIt e sessione poster

Giovedì 21 Giugno

Sessione 3

CONSERVAZIONE E GESTIONE DEI MAMMIFERI *EVIDENCE BASED*

Coordinatori: Sandro Bertolino, Maria Vittoria Mazzamuto, Massimo Scandura

9:00-9:30 Relazione a invito: **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 organizzato da Wildlife Acoustics

(presso la *Bat Room* adiacente e riservato a chi si sarà preventivamente iscritto al workshop)

13:00 – 14:30 Lunch

Workshop

AREE PROTETTE, PARCHI FAUNISTICI E MUSEI: LUOGHI DI INCONTRO TRA RICERCA, DIVULGAZIONE E RICREAZIONE

Coordinatori: Paolo Agnelli, Andrea Monaco, Clara Tattoni

14:30 – 14:40 Introduzione workshop

14:40 – 15:10 Relazione a invito: **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 Relazione a invito: **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 e CHIUSURA SEGGI

16:45 – 17:15 UFFICIO COMUNICAZIONE dell’ATIt – Presentazione del volume “Mammiferi: istruzioni per l’uso”

17:15 – 19:00 Assemblea dei Soci e Premiazioni

20:00 – 24:00 Cena sociale presso il Circolo Sociale Torrino di Santa Rosa e AestasiATIt (asta)

Venerdì 22 Giugno

Sessione 4 - **NUOVI APPROCCI ALLA RICERCA TERIOLOGICA**

Coordinatrici: Anna Loy, Giulia Guidarelli, Giulia Sozio

09:00 – 09:30 Relazione a invito: **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 Relazione a invito: **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 SALUTI CONCLUSIVI E CHIUSURA DEI LAVORI