



DIPARTIMENTO
DI BIOSCIENZE
E TERRITORIO



Associazione
Teriologica
Italiana
E.T.S.



UNIVERSITÀ
DEGLI STUDI
DEL MOLISE

XIII CONGRESSO ITALIANO DI TERIOLOGIA

**DIPARTIMENTO DI BIOSCIENZE E TERRITORIO, UNIVERSITÀ DEL
MOLISE PESCHE (ISERNIA)**

**XIII
CONGRESSO ITALIANO
DI TERIOLOGIA**



PROGRAMMA

Mercoledì 3 luglio 2024

08:30 – 09:00 Registrazione

09:00 – 09:40 Saluti Istituzionali:

Luca Brunese – Rettore Università degli Studi del Molise

Gabriella Stefania Scippa – Direttrice Dipartimento di Bioscienze e Territorio

Sandro Bertolino – Presidente ATIt

09:40 – 16:00 Sessione – Nuove tecniche per lo studio, gestione e conservazione dei mammiferi

Chair: Alessio Mortelliti, Leonardo Ancillotto

09:40 – 10:20 *Invited speaker: **Stuart Newson** (British Trust for Ornithology, UK) 'Developing and running a sustainably funded European-scale bioacoustics data management platform: the BTO Acoustic Pipeline'*

10:20 – 10:40 Gili F., Bertolino S., Rolando A. *'Challenges and opportunities in using mobile devices to record bats'*

10:40 – 11:00 Fesce E., Restif O., Plowright R., BatOneHealth Consortium *'How do bats maintain infections? Mathematical modelling to disentangle mechanisms driving the temporal cycles of infection in Australian bats'*

11:00 – 11:30 Coffee break

11:30 – 11:50 Mortelliti A., Brehm A.M., Boone S., Humphreys B.R., Merz M.R., Yen I. *'The mighty minds of mammals: a 8-year investigation on the behavioral structure of mammalian communities'*

11:50 – 12:10 Bartolommei P., Manzo E., Bonacchi A., Gasperini S., Dell'agnello F., Dell'omo G., Spano G., Cozzolino R. *'An automated tool for studying individual attendance of small mammals at a feeding box in the wild'*

12:10 – 12:30 Granata M., Di Paolo F., Luciano L., Hofmeester T.R., Bertolino S. *'Comparing non-invasive methods to study small mustelids in the Italian Alps'*

12:30 – 12:50 Fonda F., Bergamin R., Bartolommei P., Greco I., Manzo E., Rovero F., Mortelliti A. *'Cost-effectiveness of lures in attracting mammals: results of a large-scale camera-trapping field experiment'*

12:50 – 14:20 Pausa pranzo

- 14:20 – 14:40 Maglia I., Focardi S., Pontiggia P., Franzetti B. *'Potential pitfalls stemming from the use of the Random Encounter Model based on camera traps for the estimation of ungulate populations'*
- 14:40 – 15:00 Marconi M., Buonafede E., Greco I., Salvatori M., Pistolesi A., Cappai N., Rovero F. *'Trail- versus random-based systematic camera trapping to study mammalian species and communities'*
- 15:00 – 15:20 Tamagnini D., De Angelis D., Chatar N., Crampton D., Meloro C., Soibelzon L., Arnaudo M. E., Michaud M., Tambusso P. S., Varela L., Maiorano L. *'Elucidating bear eco-evolutionary dynamics using ecological and morphological evolutionary landscapes'*
- 15:20 – 15:40 Colangelo P., Di Civita M., Bento C.M., Franchini P., Meyer A., Orel N., das Neves L.C.B.G., Mulandane F.C., Almeida J.S., Senczuk G., Pilla F., Sabatelli S. *'Genome-wide diversity and population structure in the African buffalo (Syncerus caffer) in Mozambique'*
- 15:40 – 16:00 Fornarini C., Challender D., Hilton-Taylor C., Hoffmann M., Kennerley R., Mallon D., Solari S., Woinarski J. C. Z., Rondinini C. *'Global trends in mammal extinction risk since 1996'*
- 16:00 – 16:30 Coffee break**
- 16:30 – 18:10 Session – Verso una migliore conoscenza dei mammiferi italiani: tassonomia, ecologia e conservazione**
- Chair: Riccardo Castiglia, Laura Scillitani**
- 16:30 – 17:10 Invited speaker: Jeremy B. Searle (Emeritus Professor, Department of Ecology and Evolutionary Biology, Cornell University, USA) *'Genetics of Italian small mammals: differentiation in both the south and north'*
- 17:10 – 17:30 Bellè A., Sacco A., Bertolino S. *'Bat activity and species richness along an altitudinal gradient in the Western Alps'*
- 17:30 – 17:50 Gasperini S., Napoleone F., Bartolommei P., Bertagni G., Cannucci S., Serafini L., Burrascano S. *'Small mammals response to forest environmental heterogeneity in relation to specie niche breadth and vegetation disturbance'*
- 17:50 – 18:10 Lazzeri L., Belardi I., Pacini G., Fattorini N., Fini G., Pallari N., Ferretti F. *'Prey-predator interactions in a Mediterranean protected area'*
- 18:10 – 19:00 SOCIALIZZ-ATIt**

Giovedì 4 luglio 2024

09:00 – 15:10 **Sessione – Verso una migliore conoscenza dei mammiferi italiani: tassonomia, ecologia e conservazione**

Chair: Riccardo Castiglia, Laura Scillitani

- 09:00 – 09:20 Lecis R., Chirichella R., Dondina O., Orioli V., Azzu S., Canu A., Torretta E., Bani L., Apollonio M., Scandura M. *'Roe Deer vs Northern Chamois: contrasting connectivity patterns revealed by gene flow in an alpine area'*
- 09:20 – 09:40 Mirante D., Ancillotto L., Zampetti A., Coiro G., Pisa G., Santocchi C., Santini L. *'Fine-Tuning Coexistence: Wildlife's Short-Term Responses to Dynamic Human Disturbance Patterns'*
- 09:40 – 10:00 Ossi F., Bruat A., Dal Farra S., Cagnacci F. *'Of wolves and deer: how does a prey respond when a predator is back?'*
- 10:00 – 10:30 Sganzerla F., Brivio F., Scillitani L., Grignolio S. *'Assessing the impact of recreational activities on terrestrial mammals'*
- 10:30 – 10:50 Agostini G., Loy A., Gentile G., Giovacchini S., De Sanctis C., Mirone E., Papaleo L., Petrella A., D'Alessio N., Colangelo P. *'A non-invasive genetics insight into population structure and recolonization dynamic of the Eurasian otter (Lutra lutra) at the boundary of its Italian core range'*
- 10:50 – 11:10 Barca V., Morandi P. F., Stokel G., Vit M., Susmel S., Filacorda S. *'Analysis of trace elements in Eurasian otter (Lutra lutra) spraints in Friuli Venezia Giulia: a sentinel species in continuous expansion'*

11:10 – 11:40 **Coffee break**

- 11:40 – 12:00 Cavazza S., Brogi R., Zanni M., Berzi D., Luccarini S., Cappai N., Bongi P., Del Frate M., Apollonio M. *'Wolf spatial behavior variability along the recolonization: insights from central Italy and Alpine regions'*
- 12:00 – 12:20 Giovacchini S., Chavko L., Jamwal P. S., De Sanctis C., Mirone E., Di Febbraro M., Loy A. *'Range dynamic and carrying capacity of Eurasian otter in the expansion area of Central Italy'*
- 12:20 – 12:40 La Morgia V., Martini I., Tosatto E., Mazza E., Santovito A., Bertolino S. *'Effects of climate change on hare species distribution patterns: novel insights from long-term data'*
- 12:40 – 13:00 Rizzi S., Schäfer F., Schirmer S., Kerth G. *'Choosing shitty boxes: conspecific faeces odour influences roost exploration and occupation in Bechstein's bats'*

13:00 – 14:30 **Pausa pranzo**

14:30 – 14:50 Roseo F., Bragalanti N., Zanghellini P., Zeni M., Gervasi V., Pedrini P., Groff C., Bombieri G. *'Wolf predation patterns on livestock in Trentino: an analysis of dynamics and prevention strategies'*

14:50 – 15:10 Solano E., Castiglia R., Amori G., Gentile G., Capizzi D., Bertolino S., Kranebitter P., Ladurner E., Lapini L., Colangelo P. *'Phylogeography and population genetics of Arvicola italicus'*

15:10 – 18:20 Sessione – Specie alloctone: dalla prevenzione alla gestione
Chair: Piero Genovesi, Stefano Grignolio

15:10 – 15:50 Invited speaker: **Giovanni Vimercati** (Department of Biology, Unit Ecology & Evolution, University of Fribourg, Switzerland)
'Functionality and application of EICAT+, a standardized framework to classify positive impacts of alien species'

15:50 – 16:10 Bertolino S., Carnevali L., Mori E., Capizzi D., Monaco A. *'Alien mammals in Italy: pathways of entry and impacts'*

16:10 – 16:30 Dell'Agnello F., Capizzi D., Baccetti N., Benocci A., Carli E., Copiz R., Dapporto L., De Santis M., Frondoni R., Giannini F., Gotti C., Lazzaro L., Raganella E., Sozio G., Spano G., Stasolla G., Sposimo P. *'Eradication of the Black rat from the Italian islands: evidence from 25 years of nature conservation projects'*

16:30 – 16:50 Nicoloso S., Giannini F., Gaggioli A., Sammuri G. *'LETSGOGIGLIO: the first successful ungulate eradication story in Italy'*

16:50 – 17:20 Coffee break

17:20 – 17:40 Bianchi G., Bonini R., Franco A., Cappai N. *'Masked intruders: monitoring and trapping raccoons (Procyon lotor) in Foreste Casentinesi National Park'*

17:40 – 18:00 Fesce E., Romeo C., Santicchia F., Wauters L., Lurz P. W. W., White A., Ferrari N. *'Are we underestimating our parasites? The effect of Strongyloides robustus on the replacement of red squirrels by alien grey squirrels'*

18:00 – 18:20 Gallozzi F., Attili L., Colangelo P., Giuliani D., Sposimo P., Dell'Agnello F., Capizzi D., Lorenzini R., Solano E., Castiglia R. *'First multiple islands survey of VKORC1 missense mutations in the Mediterranean reveals widespread rodenticide resistance in house mice'*

18:20 – 19:00 Assemblea ATIt

20:00 – 23:00 Cena sociale e AestasiATIt

Venerdì 5

09:00 – 13:20 Sessione - Mammiferi in città: una convivenza possibile?

Chair: Anna Loy, Paola Bartolommei

- 09:00 – 09:40 Invited speaker: **Magle Seth** (Urban Wildlife Institute, Lincoln Park Zoo) *'The Urban Wildlife Information Network: building a global alliance for coordinated urban wildlife research'*
- 09:40 – 10:00 Ancillotto L., Mori E. *'What you see is not what you get: extinctions and extinction debt in urban mammals'*
- 10:00 – 10:20 Mori E., Maggioni M., Guerri G., Morabito M., Viviano A., Martini S., Dondina O., Lazzeri L., Monti F., Sogliani D., Scarfò M., Zaccaroni M., Ancillotto L. *'Camera-traps and the city: behavioural ecology of wild mammals in urban areas'*
- 10:20 – 10:40 Dondina O., Orioli V., Tirozzi P., Bani L., Viviano A. *'Small-mammals community analysis to guide green areas implementation and management in functional urban ecosystems'*
- 10:40 – 11:00 Scaravelli D., Festa F., Leopardi S., De Benedictis P. *'From caves to town: Schreibers' bent-winged bat *Miniopterus schreibersii* in urban ecosystems'*

11:00 – 11:20 Coffee break

- 11:20 – 11:40 Tranquillo C., Bisi F., Santicchia F., Preatoni D.G., Martinoli A., Wauters L.A. *'Moving through the city: space use of Eurasian red squirrels in urban and rural environments'*
- 11:40 – 12:00 Viviano A., De Meo I., Burchielli A., Sergiacomi C., Paletto A. *'Behavioural ecology and social perception of urban coypus'*
- 12:00 – 12:20 Frangini L., Bernicchi L., Barca V., Riva V.A., Braghiroli S., Molinari L., Franchini M., Madinelli A., Pesaro S., Ferfolja S., Filacorda S. *'Spatial behaviour of golden jackal (*Canis aureus*) in relation to anthropogenic features: first insights with telemetry'*
- 12:20 – 12:40 Brivio F., Antonucci A., Angelucci S., Brogi R., Apollonio M. *'Insights into wolf activity rhythms in a gradient of human-dominated landscape'*
- 12:40 – 13:00 Grignolio S., Latini R., Ciucci P., Tosoni E., Gentile D., Scillitani L., Bertolucci C., Brivio F. *'Losing fear of humans may increase diurnality in human-habituated bears?'*
- 13:00 – 13:20 Padulosi E., Scaravelli D., De San Pedro M.E., Pastrana S., Diaz F., Procopio D.E. *'Two drones to rule them all: using drones for effective stray dog populations monitoring in urban environments in Puerto Deseado, Argentina'*

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