

**Deutsche Gesellschaft
für
Säugetierkunde
e. V.**



Newsletter 2 / 2011

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Deutsche Gesellschaft für Säugetierkunde e.V.



Dear DGS-members, friends and colleagues,

as most of you know from own experience, it is a good tradition of our society to leave the confines of Germany from time to time and organize the annual scientific meeting in neighbouring European countries. Those of you who have not done this experience yet will have the chance to do so this year:

By invitation of Dr. Laurent Schley, the 85th Annual Meeting of the DGS will be held from 13th to 17th September 2011 at the **Bâtiment des Sciences, University of Luxembourg, Campus Limpertsberg, 162a avenue de la Faiencerie, L-1511 Luxembourg**. There will be a stimulating programme including 34 oral and 36 poster presentations of mammal researchers from Germany, Austria and several other European countries. In addition, we could convince two international keynote speakers to present their research in two plenary talks, namely **Timothy Roper** (University of Sussex) who will talk about urban mammals in Europe, and **Alessio Mortelliti** (University of Rome) whose talk will deal with habitat loss and fragmentation in relation to the conservation of European mammals. Please find further details below and on the DGS webpage (<http://www.mammalianbiology.org/>). This year, the General Assembly will be on **Thursday afternoon** – right before we gather together again for a gala dinner offered by Luxembourg's Ministry of Sustainable Development, which will be an honour as well as a pleasure.

Again, another highlight will be the **Fritz-Frank-Award**, for which we now have 4 applications. The submitted papers and dissertations are quite different, but all of excellent quality and interest. Just like last year, there will be a committee containing of three colleagues to elect this year's winner, and again, this committee was greatly supported by 4 external referees who willingly dedicated much of their limited time to evaluate the submissions. In the name of all members, I would like to thank these reviewers for their effort!

Enjoy the summer and/or holidays wherever you are. Please do not hesitate to contact me in case that you want a printed version or anything else. Hope to see you all in Luxembourg!

Kind regards,

A handwritten signature in blue ink, appearing to read 'Prij W...'. The signature is fluid and cursive, with a long horizontal stroke at the end.

Executive Secretary of the DGS, Essen July 2011

Regular General Assembly

Thursday, 15th September 2011, 16⁰⁰ - 18⁰⁰

*Bâtiment des Sciences (Science Building), University of Luxembourg, Campus
Limpertsberg, 162a avenue de la Faïencerie, L-1511 Luxembourg*

Order of business

1. Acceptance of the agenda
2. Annual report for the year 2010
3. Report of the treasurer for 2010
4. Report of the auditors
5. Approval of the Board for the year 2010
6. Election of auditors for the year 2011
7. Decision on the level of the membership subscription
8. Election of places for the next scientific conferences
9. News regarding the journal „Mammalian Biology“
10. News from commissions and study groups
11. Different topics

**85th Annual Conference of the
German Society of Mammalogy
(Deutsche Gesellschaft für Säugetierkunde e.V.)**

Luxembourg, 13th-17th September 2011

You are heartily invited to participate in the 85th Annual Meeting of the German Society for Mammalogy (Deutsche Gesellschaft für Säugetierkunde e.V.), which will be held in the historic city of Luxembourg (L), UNESCO World Heritage site. The meeting is organized by the Administration for nature and forests and the Natural History Museum.

The main topics of this congress are “Wildlife Biology” and “Mammal Conservation in Europe”. However, as usual, presentations dealing with other issues, covering all topics of mammalogy, will also be represented. The meeting language will be English only.

The scientific programme will be enriched by an icebreaker party on Tuesday before the actual scientific programme starts, and a conference gala dinner offered by the Ministry of Sustainable Development. We are honoured that Mr Marco Schank, Minister for Sustainable Development and Infrastructure, and Ms Octavie Modert, Minister for Culture, will be there to greet all participants. Finally, guided tours to the city of Luxembourg and the National Museum of Natural history will be organized. Chances are high that we will experience a very nice meeting!

85th annual meeting of the German Society of Mammalogy
13th-17th September 2011, Luxembourg

Programme

Tuesday, 13th September

Venue: National Museum of Natural History, 25 rue Münster, L-2160 Luxembourg

16:00-18.00	DGS Board Meeting (only board members)
16.00- 19.00	Registration
18:00-20.00	Ice breaker party (sponsored by MNHN)

Wednesday, 14th September: Main topic 1: Wildlife Biology

Venue: Bâtiment des Sciences (Science Building), University of Luxembourg, Campus Limpertsberg, 162a avenue de la Faïencerie, L-1511 Luxembourg

7.30 – 8.30	Registration, poster setup and file transfer to conference laptop
8:30 – 9:10	Opening ceremony by Prof. Dr. Klaus Hackländer (President of DGS), Dr. Laurent Schley (Organizer of the 85th Annual Meeting), Mr Marco Schank, Minister for Sustainable Development and Infrastructure & Ms Octavie Modert, Minister for Culture
9:10 – 10:10	Keynote speaker: Professor Dr. Timothy J. Roper (University of Sussex) Title: Urban mammals in Europe
10:10 – 10:30	Coffee break
10:30 – 12.30	Scientific program : oral presentations chair: Jan Herr
10.30 - 10.50	S. Begall et al.: Magnetic alignment of wild mammals – the case of fox and deer
10.50 - 11.10	L. Corlatti et al.: Unbiased sex-specific survival in Alpine chamois
11.10 - 11.30	P. Graf et al.: The use of acceleration to code for animal behaviours; a case study with beavers (<i>Castor spp.</i>)
11.30 - 11.50	U. Hohmann et al.: Management of wild boar and red deer populations in Germany by using non-invasive population estimates for calibrating harvest rates
11.50 - 12.10	A. Horig et al.: Thermoregulation of free-ranging, tree-roosting Bechstein´s bats (<i>Myotis bechsteinii</i>) during the temperate breeding season
12.10 - 12.30	S. Jojola et al.: Captive subadult brown bears (<i>Ursus arctos</i>) discriminate between unfamiliar adult male and female anal gland secretion
12:30 – 14:00	Lunch break
14:00 – 16:00	Scientific program : oral presentations chair: Frank Zachos
14.00 - 14.20	O. Keuling: The “human dimension” in wild boar management

14.20 - 14.40	L. Mevis et al.: Behaviour of captive-reared orphaned stone martens (<i>Martes foina</i>) after re-release
14.40 - 15.00	H. Rödel: Exploratory boldness and juvenile survival in European rabbits (<i>Oryctolagus cuniculus</i>)
15.00 - 15.20	J. Sandrini et al.: Estimating roe deer density using DNA from faecal pellets, and mark-recapture-analysis
15.20 - 15.40	S. Schai-Braun et al.: The influence of sunrise and sunset on the locomotor activity of the European hare (<i>Lepus europaeus</i>) revealed by GPS-tracking
15.40 - 16.00	A. Surov et al.: The comparative analysis of reproduction of dominant rodent species inhabiting megapolis - Moscow
16:00 – 16:20	Coffee break
16:20 – 18:20	Scientific program : poster presentations (see below)

Thursday, 15th September: Main topic 2: Mammal Conservation in Europe

Venue: *Bâtiment des Sciences (Science Building), University of Luxembourg, Campus Limpertsberg, 162a avenue de la Faïencerie, L-1511 Luxembourg*

9:00 – 10:00	Keynote speaker: Dr. Alessio Mortelliti (University of Rome): Title: Habitat loss and fragmentation in relation to the conservation of European mammals
10:00 – 10.40	Scientific program : oral presentations chair: Laurent Schley
10.00 - 10.20	A. Demeter: The contribution of the LIFE programme of the European Union to the conservation of mammals
10.20 - 10.40	B. Dawo et al.: Spatial organisation of the Bechstein's bat
10:40 – 11:00	Coffee break
11.00 - 11.20	C. Frosch & C. Nowak: Genetic monitoring of a reintroduced beaver population in
11.20 - 11.40	K. Hackländer & H. Jenny: One man's meat is the other man's poison: How global warming affects <i>Lepus europaeus</i> and <i>Lepus timidus</i> in the Alps
11.40 - 12.00	A. Haigh et al.: Nesting and hibernation behaviour in a rural hedgehog (<i>Erinaceus europaeus</i>) population
12.00 - 12.20	C. Harbusch: The occurrence of bats in forests in Luxembourg
12:20 – 13:40	Lunch break
13:40 – 15:40	Scientific program : oral presentations chair: Tim Roper
13.40 - 14.00	S. LaPoint & R. Kays: Movement patterns and corridor use of fisher (<i>Martes pennanti</i>) within a developed landscape
14.00 - 14.20	J. Michaux et al.: Current status of the distribution of the North American beaver (<i>Castor canadensis</i>) in the greater region of Belgium, Luxembourg and Western Germany

14.20 - 14.40	M. Müller et al.: Does food make the difference? Two hypotheses why bears sometimes occur close to people
14.40 - 15.00	S. Schindeldecker & U. Hohmann: The ecology of European hares (<i>Lepus europaeus</i>) in forests – a pilot study in the Palatinate Forest, southwest Germany
15.00 - 15.20	J. Schlichter et al.: Capture-mark-recapture study on coexisting dormouse species in Luxembourg
15.20 - 15.40	M. Tóth et al.: Islanders: an urban population of Northern white-breasted hedgehog (<i>Erinaceus roumanicus</i> Barrett-Hamilton, 1900) on the Margaret Island, Budapest, Hungary
15:40 – 16:00	Coffee break
16:00 – 18:00	Annual General Meeting (AGM) of the German Society of Mammalogy
19:00	Conference Gala Dinner (offered by the Ministry of Sustainable Development) Venue to be announced soon!

Friday, 16th September: Free Topics

Venue: *Bâtiment des Sciences (Science Building), University of Luxembourg, Campus*

Limpertsberg, 162a avenue de la Faïencerie, L-1511 Luxembourg

9:00 – 10.40	Scientific program : oral presentations chair: Klaus Hackländer
9.00 - 9.20	P. Dammann et al.: Advanced glycation endproducts (AGEs) as markers of ageing and longevity in the Ansell's mole-rat (<i>Fukomys anseli</i>)
9.20 - 9.40	N. Feoktistova et al.: Seasonal changes in hormonal response in dwarf hamster female to conspecific chemical signals
9.40 - 10.00	J. Gailer & T. Kaiser: Functional morphology of the ruminant dentition. A three-dimensional insight applying industrial metrology systems
10.00 - 10.20	A. García-Montero et al.: Do non-reproductive <i>Fukomys anseli</i> mole-rats produce viable sperm? A spermogram analysis of a eusocial rodent
10.20 - 10.40	P. Giere et al.: Non-invasive spatial scanning for iron and calcium in the enamel of a red toothed shrew, <i>Sorex araneus</i> (Soricidae, Lipotyphla)
10:40 – 11:00	Coffee break
11:00 – 12.40	Scientific program : oral presentations chair: Edmée Engel
11.00 - 11.20	V. Hallay & T. Kaiser: The Occlusal Fingerprint Analyser (OFA): a virtual 3D tool for reconstructing masticatory movement of teeth in mammalian dentitions
11.20 - 11.40	R. Monclús & D. Blumstein: Male-biased litters masculinize morphology, behaviour and life-history traits in female yellow-bellied marmots

11.40 - 12.00	C. Nieberg & T. Kaiser: Three-dimensional quantification of occlusal patterns in extant equids
12.00 - 12.20	G. Peters & M.-L. Lührs: A preliminary field study of acoustic signalling behaviour in the fosa (<i>Cryptoprocta ferox</i> Bennett, 1833)
12.20 - 12.40	T. Schikora & F. Schrenk: The impact of climate on evolution and diversity of African antelopes
12:40 – 13:10	Closing ceremony
15:00 (optional)	Guided tour of Luxembourg-City (meeting point to be announced)
17:00 (optional)	Guided visit of the National Museum of Natural History (free of charge)

Poster presentations (Wednesday 14th September, 16.20-18.20)

Venue: *Bâtiment des Sciences (Science Building), University of Luxembourg, Campus Limpertsberg, 162a avenue de la Faïencerie, L-1511 Luxembourg*

Number	Poster
1	H. Ansorge et al.: Morphological approach to the genetic variability of the common dormouse <i>Muscardinus avellanarius</i>
2	E. Baermann et al.: <i>Gazella arabica</i> – lost and found?
3	J. Decher et al.: A Baseline Survey of Shrews and Rodents at Pic de Fon, Simandou Range, Guinea, with a comparison of small mammal diversity in other areas of the Upper Guinea Region of West Africa
4	J. Encarnação: Waste not, want not – Thermoregulation in male Daubenton's bats
5	J. Encarnação et al.: Energy compensation in males of a temperate insectivorous bat species
6	N. Feoktistova et al.: Analysis of genetic diversity of the desert hamster (<i>Phodopus roborovskii</i>) in the northern part of its range
7	M. Flamand et al.: Using genetic tools to assess the influence of motorways on the dispersal behaviour of different species of ungulates
8	A. Gamauf: Martens in the City – dietary flexibility in the stone marten (<i>Martes foina</i>) along an urban gradient in a million-strong city
9	L. Gričiuvienė et al.: Genetic diversity of raccoon dogs (<i>Nyctereutes procyonoides</i>) in Lithuania
10	S. Halsdorf et al.: Patterns of resource use by grazers in Saadani National Park, a humid coastal savannah in Tanzania
11	C. Herbst & O. Keuling: The wild boar <i>Sus scrofa</i> L. as neighbour in an agricultural landscape – A new project

12	M. Hiery & U. Hohmann: Pilot study on the immigration of the raccoon (<i>Procyon lotor</i> L., 1758) into Rhineland-Palatinate
13	I. Klaumann et al.: Pilot study of camera trapping released European mink - a reliable method for surveying distribution?
14	I. Klaumann et al.: Pilot study of hair trapping released European mink - a reliable method for surveying distribution?
15	T. Kušta et al.: Monitoring of mortality of large mammals on roads and highways in the Czech Republic
16	A. Liese et al.: Socio-spatial patterns and genetic structure of pine martens (<i>Martes martes</i>) in Luxembourg
17	D. Maaz et al.: The relevance of peridomestic mice in Berlin as reservoir hosts for zoonotic pathogens
18	E. Malkemper et al.: The dolphin cochlear nucleus
19	M. Moes et al.: Monitoring of the dormouse (<i>Muscardinus avellanarius</i>), the wildcat (<i>Felis silvestris</i>) and the pine marten (<i>Martes martes</i>) for national biomonitoring and habitat directive reporting in Luxembourg: methods and first results
20	P. Nováková et al.: Diet of the wild boar (<i>Sus scrofa</i>) in the Křivoklát region (Central Bohemia, Czech Republic)
21	S. Oda & T. Jogahara: Domestication of the Asian house musk shrew with special reference to an albino-like mutation derived from the wild population in Okinawa island of Japan
22	M. Otto et al.: Comparative study of thermoregulation in three gleaning species
23	L. Péntek & M. Tóth: Urban parks as refuges of red squirrel (<i>Sciurus vulgaris</i> Linnaeus, 1758)
24	Pūraitė et al.: Genetic diversity of roe deer (<i>Capreolus capreolus</i>) in Lithuania
25	F. Richarz: Just invasive? Not established? A Muskrat Population in a submontaneous river system
26	S. Roch et al.: The use of scent lure posts to identify migration corridors of the wildcat (<i>Felis silvestris silvestris</i> , Schreber 1777) in Luxembourg
27	A. Sallay et al.: Research into conflict behavior and aversive conditioning of food-conditioned brown bears
28	R. Sandfort & K. Hackländer: Camera trapping roe deer – the influence of intraspecific variation on photographic captures
29	J. Schlichter: Distribution of dormice in Luxembourg
30	E. Schulz et al.: Foraging behaviour and dietary adaptation of the Arabian Sand Gazelle
31	N. Smitz et al.: Inferring population structures of African buffalo (<i>Syncerus caffer</i>) by means of Single Nucleotide Polymorphism (SNP) markers

32	N. Smitz et al.: Mitochondrial DNA reveals two highly divergent genetic lineages in the African buffalo (<i>Syncerus caffer</i>)
33	K. Steyer & C. Nowak: Detectability of European wildcat (<i>Felis s. silvestris</i>) in Germany
34	F. Suchentrunk et al.: Genetic differentiation and migration between two regional chamois (<i>Rupicapra rupicapra</i>) populations in Northwest Italy
35	M. Tóth et al: Roaming within a small space: movement patterns of the Northern white-breasted hedgehog (<i>Erinaceus roumanicus</i> Barrett-Hamilton, 1900) on urban habitats, Budapest, Hungary
36	V. Volpato et al.: Endostructural morphology of the humerus and femur in placental quadrupeds and bipedal hoppers

IF YOU WANT A HARD COPY OF THE NEWS LETTER, PLEASE INFORM THE EXECUTIVE SECRETARY OF THE DGS:

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