

Monday 12 April 2010

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| 8:00-8:30 | Registration and coffee |
| 8:30-8:50 | Welcome/Opening by Rector |
| 8:50-10:10 | Plenary: Ken Aplin (Rodent taxonomy in the 21st century - old fashioned discoveries meet new age technologies) Plenary Chair: Nico Avenant |

Symposium: DIVERSITY, TAXONOMY and GENETICS

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|-------------|---|
| 10:10-10:30 | POSTER SETUP and VIEWING |
| 10:30-11:00 | <i>Break</i> |
| | Chairs: Marie Pagès / Ken Aplin |
| 11:00-11:20 | Jean-François Cosson <i>Testing among evolutionary scenarios for the invasion of Black rats</i> |
| 11:20-11:40 | Gerald Heckel <i>Sex-specific selection in common vole hybrid zones: the "origin" of species?</i> |
| 11:40-12:00 | Jean-François Cosson <i>How many species in the black rat complex (Rattus rattus Sensu Lato) in Southeast Asia?</i> |
| 12:00-12:20 | Marie Pagès <i>Revisiting the taxonomy of the Rattini tribe: a phylogeny-based delimitation of species boundaries</i> |
| 12:20-12:40 | Daleen Badenhorst <i>Comparative cytogenetics, new karyotypic data of Asian rodents and a gene expression approach (Rodentia, Muridae)</i> |
| 12:40-13:40 | <i>Lunch</i> |
| | Chairs: Marie Pagès / Ken Aplin |
| 13:40-14:00 | Sarita Maree <i>Specific limits and emerging diversity patterns in East African populations of laminate-toothed rats, genus Otomys (Muridae Murinae Otomyini): Revision of the Otomys typus complex</i> |
| 14:00-14:20 | Peter J. Taylor <i>Cryptic species of agriculturally important and associated non-target rodents in Africa: Implications for ecologically based rodent management, taxonomy and conservation</i> |
| 14:20-14:40 | Madeleine Ramantswana <i>Comparative phylogeography of selected southern African gerbils</i> |
| 14:40-15:00 | Jan Kennis <i>Rodent biogeography using dated phylogenies: do rivers in the Congo basin act as barriers or as speciation hotspots?</i> |
| 15:00-15:30 | <i>Break</i> |
| | Chairs: Jean-François Cosson / Peter Taylor |
| 15:30-15:50 | Hana Patzenhauerová <i>The phylogeography of a solitary subterranean rodent, the silvery mole-rat</i> |
| 15:50-16:10 | Prince K Kaleme <i>The Albertine Rift region of Africa: Evolution and conservation of small mammals</i> |
| 16:10-16:30 | Elena V. Buzan <i>Mitochondrial gene diversity in the common vole Microtus arvalis and its implications for the evolutionary history of the species</i> |
| 16:30-16:50 | Seth J. Eiseb <i>Delimitation of species of Mastomys occurring in Namibia</i> |
| 16:50-17:10 | |

Symposium: ECOLOGY

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|-------------|--|
| 10:10-10:30 | POSTER SETUP and VIEWING |
| 10:30-11:00 | <i>Break</i> |
| | Chairs: Loth Mulungu / Grant Singleton |
| 11:00-11:20 | Nyo Me Htwe <i>Rodent population outbreaks associated with bamboo flowering in Chin State, Myanmar</i> |
| 11:20-11:40 | Nikhil Chakma <i>The ecological effects of Melocanna bamboo masting on rodent populations: Can rat floods be controlled in the Chittagong Hill Tracts of Bangladesh?</i> |
| 11:40-12:00 | Charles J. Krebs <i>Do changes in berry crops drive rodent population fluctuations in the Boreal Forest?</i> |
| 12:00-12:20 | My Phung Nguyen <i>The relationship between reproductive potential of Rattus argentiventer and their diet in a rice cropping ecosystem in Vietnam</i> |
| 12:20-12:40 | Alice J. Kenney <i>Snow depth and lemming population dynamics in the western Canadian Arctic</i> |
| 12:40-13:40 | <i>Lunch</i> |
| | Chairs: Loth Mulungu / Grant Singleton |
| 13:40-14:00 | David L. Bergman <i>Survival of an aquatic specialist in a desert environment: Rewriting the book on the American beaver in the desert southwest</i> |
| 14:00-14:20 | Ara Monadjem <i>Impact of crop cycle on movement patterns of pest rodent species in southern Africa</i> |
| 14:20-14:40 | Boris Kryštufek <i>Species richness and distribution of nonvolant small mammals along an elevational gradient in Mediterranean Europe</i> |
| 14:40-15:00 | Nackson Babi <i>Distribution of rodents and shrews in plague endemic areas of Vurra and Okoro counties of North Western Uganda</i> |
| 15:00-15:30 | <i>Break</i> |
| | Chairs: Nico Avenant / Alfred Sichilima |
| 15:30-15:50 | Elisabeth Fichet-Calvet <i>Modelled spatial distribution of Mastomys natalensis in Africa</i> |
| 15:50-16:10 | Kerryn Bullock <i>Small mammal (Order Rodentia and Eulipotyphla) association with surrounding habitat in the Heritage Park, North West Province, South Africa.</i> |
| 16:10-16:30 | Emerson M. Vieira <i>Ecological factors are less relevant than environmental factors for explaining temporal niche overlap among insectivorous small mammals</i> |
| 16:30-16:50 | Alfred M. Sichilima <i>Field evidence for aseasonality of reproduction and colony size in the Afrotropical giant mole-rat Fukomys mechowii (Rodentia: Bathyergidae)</i> |
| 16:50-17:10 | Gholamreza Naderi <i>Habitat use and burrow site selection of Iranian Jerboa (Allactaga firouzi, Womochel 1978)</i> |

Monday 12 April 2010

Posters

Symposium: DIVERSITY, TAXONOMY and GENETICS

- 1 **Jean Lagarde Betti**
Contribution to the knowledge of the mouse species found in the east region of Cameroon
- 2 **DaZhao Shi**
Blood-clotting response tests for resistance to chlorophacinone-Na in Mongolian gerbils (Meriones unguiculatus)
- 3 **Prince K Kaleme**
Origin and colonization routes for two invasive taxa in the Democratic Republic of Congo reconstructed using genetic and historical evidence
- 4 **Jan Kennis**
Praomys kikwitii sp. nov., a new species within a taxonomically complex African rodent genus
- 5 **Gea Olbricht**
The elephant shrew - neither rodent nor shrew
- 6 **Grace Yap**
The name of the game - Rattus what?

Symposium: ECOLOGY

- 7 **Nicaise Amundala Drazo**
Reproduction and residential status of Praomys individuals in crop fields in the Kisangani hinterland (Democratic Republic of Congo).
- 8 **Nicaise Amundala Drazo**
Community structure and seasonal abundance of Praomys, Lophuromys, Nannomys on mixed fields (maize and rice) in the Kisangani hinterland (Democratic Republic of Congo).
- 9 **Themb'alilahwa Mahlaba**
The diet of rodents from four communities in Lobamba, Swaziland
- 10 **Joseph T. Mpanga**
Evaluating spatial and temporal patterns of Rattus rattus in a plague endemic village of northwest Uganda using radio telemetry
- 11 **Loth S. Mulungu**
Food Categories in Diets of Multimammate rat (Mastomys natalensis, Smith 1834) in Different Habitats in Central Tanzania
- 12 **Christopher Sabuni**
Preliminary information on the home range of the lesser pouched rat (Beamys hindei) in Zaraninge Forest, Saadani National Park, Tanzania
- 13 **Stanford M Siachoono**
Small mammal research needs in Zambia

Tuesday 13 April 2010

8:00-8:30 Registration and coffee
 8:30-9:30 **Plenary: Nigel Bennett (Teasing apart socially-induced infertility in non-reproductive female Damaraland mole-rats, *Fukomys damarensis*)**
 Plenary Chair: Lyn Hinds

Symposium: PHYSIOLOGY

Chairs: Lyn Hinds / Nigel Bennett

9:30-9:50 **Bill Breed**
Male reproductive biology of a murine rodent from central Australia, the spinifex hopping mouse (Notomys alexis): adaptations for life in an arid environment

9:50-10:10 **Katarina Medger**
Changes in periventricular kisspeptin-immunoreactivity in seasonally breeding male and female spiny mice (Acomys spinosissimus) from South Africa

10:10-10:30 **De-Hua Wang**
Impairment of cellular and humoral immunity in overweight Mongolian gerbils (Meriones unguiculatus)

10:30-11:00 *Break*

Chairs: Lyn Hinds / Nigel Bennett

11:00-11:20 **Lyn A. Hinds**
Effects of the industrial chemical 4-vinylcyclohexene diepoxide on the fertility of laboratory rats, Rattus norvegicus

11:20-11:40 **Nur'aini Herawati**
Effects of 4-vinylcyclohexene diepoxide on ovarian primordial follicle populations of the ricefield rat (Rattus argentiventer)

11:40-12:00 **Neena Singla**
Potential of triptolide in reproductive management of the house rat, Rattus rattus

12:00-12:20 **Tran T. Tung**
Effects of different seed extracts and nicotine on the reproductive tracts of laboratory rats (Rattus norvegicus)

12:20-12:40 **De-Hua Wang**
Physiological and biochemical basis of the basal metabolic rates in Brandt's voles (Lasiopodomys brandtii) and Mongolian gerbils (Meriones unguiculatus)

12:40-13:40 *Lunch*

Chairs: Bill Breed / De-Hua Wang

13:40-14:00 **POSTER VIEWING**

14:00-14:20 **Abraham Haim**
Body temperature daily rhythms of sibling Mastomys species from different ecosystems – the response to light interference

14:20-14:40 **Hongchun Liang**
Effects of photoperiod and temperature on body mass and reproductive organs of male Brandt's voles (Lasiopodomys brandtii)

14:40-15:00 **Sankar Ganesh Devaraj**
Pheromone induced restoration of male reproductive status in pesticide toxicity: An innovative and eco-friendly study in rat model

15:00-15:30 *Break*

Chairs: Bill Breed / De-Hua Wang

15:30-15:50 **Dale Nolte**
Use of Telazol® as a field immobilant for beaver

15:50-16:10 **Tran T. Tung**
Laboratory evaluation of alternative baits to improve bait acceptance by ricefield rats (Rattus argentiventer)

16:10-16:30 **Jeff N. Borchert**
Rodent bait containing Imidacloprid for the control of fleas on commensal rodents in northwest Uganda

16:30-16:50 **Heike Lutermann**
Sociality and the costs of parasitism in a cooperative mammal

Symposium: MANAGEMENT

Chairs: Steve Belmain / Rhodes Makundi

9:30-9:50 **Steven R. Belmain**
Innovation systems research for developing ecologically-based rodent management in bangladesh

9:50-10:10 **Loth S. Mulungu**
Assessment of rodent damage to maize (Zea mays L.) grains in stores, Tanzania

10:10-10:30 **Sudarmaji**
Increasing intensity of rice cropping in Asia – what are the implications for rodent management?

10:30-11:00 *Break*

Chairs: Steve Belmain / Rhodes Makundi

11:00-11:20 **Nicaise Amundala Drazo**
Composition of rodents and rodent damage estimates on mixed fields (maize and rice) in the Kisangani hinterland (Democratic Republic of Congo).

11:20-11:40 **Emil von Maltitz**
The impact of intensive trapping at community-level in ecologically-based rodent management research in Swaziland, Tanzania and Namibia

11:40-12:00 **Palaniyadi Sakthivel**
Laboratory Evaluation of Germinated vs. Non-Germinated Bait base for the management of commensal rodent, Rattus rattus

12:00-12:20 **Jens Jacob**
Vitamin K requirement and reproduction in bromadiolone resistant Norway rats

12:20-12:40 **POSTER VIEWING**

12:40-13:40 *Lunch*

Chairs: Charles Krebs / Peter Brown

13:40-14:00 **Grant R. Singleton**
Rodent outbreaks in Asia 2007-2009 - Rats! What do we do next?

14:00-14:20 **Nico L. Avenant**
The value of rodent indicators in determining the habitat integrity of South African grasslands

14:20-14:40 **Andrea Byrom**
Small mammal dynamics in Serengeti National Park, Tanzania

14:40-15:00 **Wendy A. Ruscoe**
A large scale experiment designed to understand the interactions among multiple pest species in New Zealand forests - 4 years on.

15:00-15:30 *Break*

Chairs: Charles Krebs / Peter Brown

15:30-15:50 **Roger Pech**
Management of invasive house mice Mus musculus in regenerating shrublands in New Zealand

15:50-16:10 **Andrea Byrom**
Flexible spatiotemporal models of invasive ship rat (Rattus rattus) habitat use in New Zealand forests

16:10-16:30 **Deborah J. Wilson**
Neighbourhood analyses of tree seed predation by introduced rodents in a New Zealand temperate rainforest

Tuesday 13 April 2010

Posters

Symposium: PHYSIOLOGY

| | |
|----|---|
| 14 | Shanmugam Achiraman <i>Identification and Characterization of Pheromone carrier protein in female rat, Millardia melitada: An innovative technique in Rodent Pest Management (RPM)</i> |
| 15 | Bill Breed <i>Coevolution of male and female reproductive anatomy of Australian hopping mice and its association with sexual behaviour</i> |
| 16 | Bill Breed <i>Diversity in the gastrointestinal tract of the old Australian endemic rodents: Adaptations to diet</i> |
| 17 | DaZhao Shi <i>Variations of Serum Estradiol and Progesterone Levels during the Consecutive Reproductive States in Mongolian Gerbils (Meriones unguiculatus)</i> |
| 18 | Jens Jacob <i>Smell you later: The repelling effect of secondary plant compounds on pest voles</i> |
| 19 | Ming Liu <i>Anti-fertility effects of quinestrol and levonorgestrel on behaviour, reproduction and populations of Plateau Pikas</i> |
| 20 | Ji-Qi Lu <i>Response to chronic intermittent hypoxia in blood system of Mandarin vole</i> |
| 21 | De-Hua Wang <i>Effects of leptin infusion during peak lactation on food intake, body composition, litter growth and maternal neuroendocrine status in female Brandt's voles (Lasiopodomys brandtii)</i> |
| 22 | De-Hua Wang <i>Effects of maternal hyperleptinemia during lactation on the responses of Brandt's vole (Lasiopodomys brandtii) offspring to a high fat diet</i> |

Symposium: MANAGEMENT/CONSERVATION

| | |
|----|---|
| 23 | Linda A. Atiku <i>Comparison of two types of flea traps and active collection using cotton cloth for off-host flea collection in northwest Uganda</i> |
| 24 | Peter R. Brown <i>Dynamics of rodent damage to irrigated rice in Vietnam</i> |
| 25 | Nahid Etemad <i>Protection of polyethylene gas pipes against rodents</i> |
| 26 | Josef Suchomel <i>The problem of management of the expanding population of European beaver (Castor fiber) in the cultural landscape – an example of the Czech Republic (Central Europe)</i> |
| 27 | Meheretu Yonas <i>Farmers' perspectives of rodent damage and management from the highlands of Tigray, Northern Ethiopia</i> |
| 28 | Yuping Yang <i>Studies on the Technique of Continuing Control of Rodent Pests in Grassland</i> |
| 29 | Saeed Mohammadi <i>Status and Conservation of Iranian Jerboa (Allactaga firouzi Womochel, 1978) (Rodentia: Dipodidae) in Iran</i> |
| 30 | Alan Saunders <i>Planning and assessing invasive rodent eradications</i> |
| 31 | Nadine Shaw <i>Sampling rodent community structure in the central South African grasslands: removal vs. non-removal trapping</i> |
| 32 | Josef Suchomel <i>Influence of some geographical and local parameters on rodent impact on tree regeneration in the Czech Republic (Central Europe)</i> |

Wednesday 14 April 2010

| | | |
|---------------------------------|-------------|--|
| | 8:00-8:23 | Registration and coffee |
| | 8:30-9:30 | Plenary: Flor Palis (Can humans outsmart rodents? Learning to work collectively and strategically) Plenary Chair: Grant Singleton |
| Symposium: SOCIOLOGY | | |
| Chairs: Flor Palis / Seth Eiseb | | |
| | 9:30-9:50 | Steven R. Belmain <i>Differential changes in farmers' understanding of rodent management through involvement in ecologically-based rodent management research in Swaziland, Tanzania and Namibia</i> |
| | 9:50-10:10 | Rica Joy B. Flor <i>Analysis of communication pathways and impacts of the Boo!Boo! Rat Campaign</i> |
| | 10:10-10:30 | Peter R. Brown <i>Integrating social, economic and ecological models of community rodent control in Southeast Asia</i> |
| | 10:30-11:00 | Break |
| Chairs: Flor Palis / Seth Eiseb | | |
| | 11:00-11:20 | Peter R. Brown <i>Economic impacts of integrated rodent management strategies</i> |
| | 11:20-11:40 | Alan Saunders <i>Social dimensions in eradicating invasive rodents</i> |
| | 11:40-12:00 | POSTER VIEWING |
| | 12:00- | Mid-week Tour |

CR Swart Auditorium

Posters

Symposium: SOCIOLOGY

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|----|---|
| 33 | Peter R. Brown <i>Knowledge, attitudes and practices for rodent management in South Sulawesi and West Java, Indonesia</i> |
| 34 | Peter R. Brown <i>Agricultural governance: A comparison of uptake of ecologically-based rodent management by rice farming communities in two Indonesian regions</i> |

Thursday 15 April 2010

8:00-8:30 Registration and coffee
 8:30-9:30 **Plenary: Bastiaan Meerburg (Transmission of pathogens by rodents: a threat for human and animal health?)**
 Plenary Chair: Herwig Leirs

Symposium: DISEASE

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|-------------|---|
| | Chairs: Dale Nolte / Hongxuan He |
| 9:30-9:50 | POSTER VIEWING |
| 9:50-10:10 | POSTER VIEWING |
| 10:10-10:30 | David L. Bergman <i>Managing the potential for disease outbreaks due to invasive species</i> |
| 10:30-11:00 | Break |
| | Chairs: Dale Nolte / Hongxuan He |
| 11:00-11:20 | Susanne Schex <i>Rodent-borne infectious diseases in Germany – an overview</i> |
| 11:20-11:40 | Grace Yap <i>Surveillance of rodent-borne diseases in Singapore</i> |
| 11:40-12:00 | Dale L. Nolte <i>Plague hosts and associated risk posed to humans and other species in the United States</i> |
| 12:00-12:20 | Herwig Leirs <i>Plague ecology and rodents in Africa: from fleas to satellite images</i> |
| 12:20-12:40 | Sonja Matthee <i>Ticks infesting rodents in South Africa</i> |
| 12:40-13:40 | Lunch |
| | Chairs: Sonja Matthee / Grace Yap |
| 13:40-14:00 | Seth J. Eiseb <i>Seasonal variation of Fleas occurring in Namibia, Swaziland and Tanzania</i> |
| 14:00-14:20 | Susanne Schex <i>Rodents and their associated diseases on an elevation-climate gradient in the Bavarian Forest</i> |
| 14:20-14:40 | Sonja Matthee <i>Rodents in fragmented habitats: the effect on rodent body size and the potential for disease risk</i> |
| 14:40-15:00 | Marie Pagès <i>Genetic variation within β_3 subunit integrin sequences and rodent species susceptibility to pathogenic hantaviruses</i> |
| 15:00-15:30 | Break |
| | Chairs: Sonja Matthee / Grace Yap |
| 15:30-15:50 | Joëlle Gouy de Bellocq <i>Host specificity of an arenavirus in Morogoro, Tanzania</i> |
| 15:50-16:10 | Benny Borremans <i>Arenavirus presence related to host characteristics and biotope; implications for transmission dynamics</i> |
| 16:10-16:30 | Candice Eadie <i>Helicobacter and Bartonella in invasive house mice (Mus musculus domesticus) from Marion Island: Molecular estimates of prevalence and diversity</i> |
| 16:30-16:50 | Helene Brettschneider <i>Seasonal variation of bartonella infections in the Namaqua rockmouse (Micaelamys namaquensis) from Ezemvelo Nature Reserve, South Africa</i> |
| 16:50-17:10 | Armanda D.S. Bastos <i>The xerus inaurus streptobacillary squirrel bite fever agent is distinct from streptobacillus moniliformis and may be sexually transmitted</i> |

Symposium: BEHAVIOUR

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|-------------|---|
| | Chairs: Chris Dickman / Emerson Vieira |
| 9:30-9:50 | Peter B. Banks <i>Protecting prey from rodent predators using "chemical camouflage"</i> |
| 9:50-10:10 | Herwig Leirs <i>Uncovering the secret lives of sewer rats (Rattus norvegicus): Movements and distribution revealed by a capture-mark-recapture study</i> |
| 10:10-10:30 | Haiyan Nie <i>Aggressive behaviour pattern of root voles, Microtus Oeconomus: effects of food supply and predation</i> |
| 10:30-11:00 | Break |
| | Chairs: Chris Dickman / Emerson Vieira |
| 11:00-11:20 | Hongxuan He <i>Cryptosporidium parvum infection and sexual behavior decision-making in mice</i> |
| 11:20-11:40 | Alfred M. Sichilima <i>Evolution of African mole-rat sociality: burrow architecture, rainfall and foraging in colonies of the cooperatively breeding Fukomys mechowii</i> |
| 11:40-12:00 | Emmanuel Do Linh San <i>Patterns of nestbox sharing in woodland dormice (Graphiurus murinus)</i> |
| 12:00-12:20 | Armand du P. Kok <i>Small mammals at high altitude: how does bait type influence estimates of species richness?</i> |
| 12:20-12:40 | Diane Zarzoso-Lacoste <i>Limited predation capacities on bird eggs by invasive rats: an experimental approach</i> |
| 12:40-13:40 | Lunch |
| | Chairs: Jens Jacob / Jeff Borcher |
| 13:40-14:00 | Niels Desmet <i>Work behaviour and biting performance in the highly social Fukomys micklei (Bathyergidae, Rodentia)</i> |
| 14:00-14:20 | Paul A.A.G. van Daele <i>Giant bite force in Fukomys mole-rats (Rodentia: Bathyergidae)</i> |
| 14:20-14:40 | Emerson M. Vieira <i>Effects of gender and season on the home range of the long-nosed mouse Oxymycterus nasutus in southern Brazil</i> |
| 14:40-15:00 | Gerald Heckel <i>Reproduction in vole populations versus the monogamy gene avpr1a</i> |
| 15:00-15:30 | Break |
| 15:30-15:50 | POSTER VIEWING |

Thursday 15 April 2010

Posters

Symposium: DISEASE

- 35 **Linda Bjedov**
Small rodents as leptospirosis reservoirs in Croatian beech (Fagus sylvatica L.) forest ecosystems
- 36 **Sophie Gryseels**
Evolutionary biology of arenavirus - rodent interactions
- 37 **Ima Nurisa Ibrahim**
Bio-ecological study on hantaviruses infection among rodents, insectivores and human in Thousand Islands District and Serang District of Indonesia
- 38 **Jens Jacob**
Monitoring of rodents to detect potential climatic effects on hantavirus infection
- 39 **Abdul S. Katakweba**
Disease potential in rodents and shrews in three southern Africa countries
- 40 **Jacques A. Massussi**
Diversity and Spatial distribution of hosts and vectors of T. brucei gambiense in forest zones of Southern Cameroon: epidemiological implications
- 41 **Dale L. Nolte**
Rodent Disease in the context of One Health
- 42 **Susanne Schex**
First detection of Rickettsia spp. in wild rodent hosts in South-Eastern Germany
- 43 **Luther van der Mescht**
The flea species of Rhabdomys pumilio and Otomys irroratus from De Hoop Nature Reserve, Western Cape, South Africa

Symposium: BEHAVIOUR

- 44 **Soundarapandian Kannan**
Role of sex pheromones in the development of rat traps: an innovation in RPM
- 45 **Malith K. Weerakoon**
Is palatability of Rhodamine B baits influenced by access to alternate food?

Friday 16 April 2010

8:00-8:23 Registration and coffee
 8:30-9:30 **Plenary: Rhodes Mukundi (Ecologically-based rodent management in Africa: potential and chall)**
 Plenary Chair:

Symposium: POPULATION DYNAMICS

Chairs: Andrea Byrom / Emmanuel Do Linh San

9:30-9:50 **Deborah J. Wilson**
Rodents and resource pulses in an alpine ecosystem: house mouse population irruption following snow tussock grass flowering in New Zealand

9:50-10:10 **Lise Ruffino**
*Influence of allochthonous resources on the dynamics of an island-invasive rat *Rattus rattus* population*

10:10-10:30 **Jens Jacob**
Climatic and terrain determinants of common vole outbreaks in Germany

10:30-11:00 *Break*

Chairs: Andrea Byrom / Emmanuel Do Linh San

11:00-11:20 **Apia W. Massawe**
Spatial and temporal population dynamics of rodents in three geographically different regions in the SADC region

11:20-11:40 **Duncan N. MacFadyen**
The dynamics of small mammal populations in rocky highveld grassland, Telperion, Mpumalanga, South Africa

11:40-12:00 **Nyo Me Htwe**
*Comparative study of population and breeding ecology of *Rattus tanezumi* and *Rattus argentiventer* in the Philippines*

12:00-12:20 **My Phung Nguyen**
*Changes in abundance and habitat use of rice field rats *Rattus argentiventer* in the rice fields in Vietnam*

12:20-12:40 **Li-Qing Wang**
Studies on the relationship between sex ratio and population size of clawed jird and striped hamsters

12:40-13:40 *Lunch*

Chairs: Alan Saunders / Peter Banks

13:40-14:00 **Jenny Lancaster**
Population and life history characteristics of coexisting small mammal species in a grassland habitat

14:00-14:20 **Linchay J. Arnolds**
Vegetation sampling in correlation with small mammal abundance and richness in the Andries Vosloo Kudu Nature Reserve (Eastern Cape, South Africa)

14:20-14:40 **Mbulelo Xalu**
*Aspects of the population ecology of the bush Karoo rat *Otomys unisulcatus*, in the Sam Knott Nature Reserve (Eastern Cape, South Africa)*

14:40-15:00 **Jan Kennis**
*Demography of three rodent genera (*Praomys*, *Hylomyscus*, *Deomys*) inhabiting a tropical rainforest region in the DR Congo*

15:00-15:30 *Break*

15:30-16:30 **Plenary: Chris Dickman (Invasive rodents: Ecology, impacts and management)**
 Plenary Chair: Chris Chimimba

16:30 **Concluding Address: Charles Krebs**

Posters

Symposium: POPULATION DYNAMICS

46 **R.M. Baxter**
*Aspects of the population dynamics of the thicket rat, *Grammomys cometes*, in Southern Mistbelt Forest, Eastern Cape, South Africa*

47 **Nicole Hansen**
*Social and demographic responses of free living *Rattus rattus* to localized population reduction*