



The business of conservation – science, livelihoods and values

7TH INTERNATIONAL WILDLIFE SYMPOSIUM PROGRAMME

Sunday – 9 October 2011

14:00 onwards Delegates collected at the Kimberley airport
16:45 Delegates not having their own transport will be collected at the Protea Hotel and The Kimberley Club
17:00 - Meet and Greet at the William Humphreys Art Gallery

DAY ONE

Monday - 10 October 2011

07:30-09:00 **Registration, tea / coffee**

08:45-09:00 **Local choir**

	Marquee
SESSION 1	Opening Plenary and Keynote address Chair: Mrs Sylvia Lucas MEC, Department of Environment and Conservation
09:00-09:10	Welcome from Symposium Chair Mr Andrew Conroy
09:10-09:15	Official opening of the Symposium by the Premier of the Northern Cape Province Mrs Hazel Jenkins
09:15-09:20	Department of Finance, Economic Development and Tourism MEC Mr John Block
09:20-09:25	Wildlife Ranching South Africa Vice-President Dr Gert Dry
09:25-09:30	South African Wildlife Management Association Vice-President Prof Louw Hoffman
09:30-10:30	Keynote speaker Dr Yves Lecocq , President, International Union of Game Biologists: <i>Game ranching – a European hunters' perspective "Hunting in Heaven or Shooting in Shame?"</i>

10:30-11:00 **TEA**

	Marquee
SESSION 2	An international perspective Chair: Lyle Saayman
11:00-11:30	Rob Davies (Habitat Info Limited, UK) <i>Climate vulnerability hotspots and centres of resilience across southern Africa</i>
11:30-12:00	Peter Lindsey (University of Pretoria, RSA) <i>The economic, social and conservation value of wildlife-based land uses in southern Africa</i>
12:00-12:30	Raul Valdez (New Mexico State University, US) <i>Game ranching of Marco Polo sheep in the Tajikistan Pamirs, Central Asia</i>
12:30-13:00	George Wilson (Australian Wildlife Services) <i>Status of wildlife ranching in Australia – an overview</i>

13:00-14:00 **LUNCH**

	Marquee	Protea Hotel	Ball Room
SESSION 3	Wildlife ranching and biodiversity conservation Chair: Wouter van Hoven	Human-wildlife interaction: livestock predation Chair: Mike Mentis	Environmental education Chair: Peet van der Merwe
14:00-14:20	Harriet Davies-Mostert and Peter Lindsey (Endangered Wildlife Trust/University of Pretoria, RSA) <i>Bridging the informational gap on the scale, scope and impacts of the wildlife ranching industry in South Africa</i>	HO de Waal, Quinette Saffy, Walter van Niekerk (University of the Free State, RSA) and Nico Avenant (National Museum, Bloemfontein, RSA) <i>Advances towards a system of coordinated predation management in South Africa</i>	Delwin Benson (Colorado State University, US) <i>Wildlife ranchers can mitigate declines in outdoor uses by providing experiences that engage and restore social networks in nature among producers and consumers, providing access and supporting urban community conservation clubs</i>
14:20-14:40	Raul Valdez, Alejandro Juarez-Reina and Luis Tarango-Arambula (New Mexico State University, US) <i>Wildlife ranching as a tool for promoting biodiversity in South-central Mexico</i>	Jurie du Plessis, Nico Avenant (National Museum, RSA) and HO de Waal (ALPRU, UFS, RSA) <i>A synthesis of ecological research on black-backed jackal and caracal: application to human-wildlife conflict management in South Africa</i>	Jennifer Gush (Amakhala Game Reserve, RSA) <i>Let's learn outside about the 'Outside'</i>

14:40-15:00	Wayne Knight (Community Dynamics , RSA) <i>Using livestock management to enhance biodiversity in game areas</i>	Walter van Niekerk, HO de Waal, PJ Taljaard and B Grove (University of the Free State, RSA) <i>The extent and impact of predation on small livestock in South Africa</i>	LD van Essen (University of Pretoria, RSA) <i>Wildlife documentary film producers - are they friend or foe?</i>
15:00-15:30	<i>Discussion</i>	<i>Discussion</i>	<i>Discussion</i>

15:30-16:00 TEA

	Marquee	Protea Hotel	Ball Room
SESSION 4	Sustainable use and land management Chair: George Wilson	Land-use economy Chair: Richard Davies	Wildlife and public health Chair: Louw Hoffman
16:00-16:20	David Grossman, C Beech, P Holden, Kruiper Clan, G Nel and B Raats (South Africa) <i>Integrating ancient knowledge and modern technology: sustainable use of biodiversity on San land in the Kalahari</i>	Richard Davies (Busico cc, RSA) <i>Wildlife as a land use in South Africa – personal historical perspective</i>	Leon Bekker, PJ Jooste (Tshwane University of Technology, RSA) and Louw Hoffman (University of Stellenbosch, RSA) <i>In the beginning - impacts of farmer and hunter practices on the veterinary public health status of game meat</i>
16:20-16:40	Jennifer Smits, George Wilson, Tim Lander, Brad Lander, David Wongway and Phillip Tucker (Australian Wildlife Service) <i>Indigenous land management for sustainable land and wildlife use on Angas Downs Indigenous Protected Area, Central Australia</i>	Mike Peel and Richard Davies (ARC-Animal Production Institute and Busico cc, RSA) <i>The value and costs of wildlife and wildlife-based activities in the eastern Lowveld savanna, South Africa</i>	Maretha van der Merwe, PJ Jooste (Tshwane University of Technology, RSA) Louw Hoffman (University of Stellenbosch, RSA) and FJ Calitz (ARC Biometry Unit, RSA) <i>The health control of game meat intended for the South African consumer market and investigating the application of current international and prospective local health and hygiene regulatory parameters</i>
16:40-17:00	Mike Mentis (South Africa) <i>Private wildlife enterprise – why it works in South Africa and about nowhere else</i>	Anthony Palmer (Agricultural Research Council, RSA) <i>A perspective on ecological, economic and social trends in the eastern Nama-Karoo: 30 years in the veld</i>	
17:00	<i>Discussion</i>	<i>Discussion</i>	<i>Discussion</i>

18:00 - Bus departs for an Evening at Marrick (optional)

DAY TWO

Tuesday – 11 October 2011

	Marquee
SESSION 5	Plenary and Posters Chair: Sam Ferreira
08:00-08:30	Hector Magome (SANParks, RSA) and Richard Davies (Busico cc, RSA) <i>SANParks - What it costs</i>
08:30-09:00	Ian Simpson (Founding member Natal Game Ranchers' Association, RSA) <i>The history of wildlife ranching in South Africa</i>
	LIVE POSTER PRESENTATIONS
09:00-10:15	Riël Coetzer, Paul Grobler and Trudy Turner - <i>The genetic structure of vervet monkeys (Chlorocebus aethiops) in the south-eastern regions of South Africa</i> Philip de Bruyn and Ross Goode - <i>The Mun-Ya-Wana Private Game Reserve, South Africa - a leader in using a decision support system for prescribed burning</i> Francois Deacon - <i>A proposal to study the diet selection, habitat preferences and spatial ecology of re-introduced giraffes (Giraffa camelopardalis) in the Kgalagadi Transfrontier Park</i> Johann du Preez - <i>The importance of vegetation maps in rangeland management especially on game farm level</i> Bruce Fletcher - <i>Hotfire Wildlife Management Model – a case history</i> Walter Hildebrandt, Louw Hoffman and Alison Leslie - <i>Chemical composition of buffalo (Syncerus caffer) meat</i> Louw Hoffman, Monlee Swanepoel and Alison Leslie - <i>Chemical composition of warthog (Phacochoerus africanus) meat</i> Elzet van Aswegen and Paul Grobler - <i>Variability in BMP4 gene sequences and microsatellite allele frequencies in springbok from two geographical areas</i> Letecia Wessels, Paul Grobler, A Kotze, K Ehlers and S Vrahimis - <i>Cross-species microsatellite markers for the detection of hybrids in the species Connochaetes</i>
10:15-10:30	<i>Discussion</i>

10:30-11:00 TEA

	Marquee	Protea Hotel	Ball Room
SESSION 6	Wildlife nutrition Chair: Kas Hamman	Human-wildlife interaction Chair: Harriet Davies-Mostert	Legislation and policy formulation Chair: Del Benson
11:00-11:20	Esmarie Jooste, Wouter van Hoven, Lourens Swanepoel and Ross Pitman (University of Pretoria, RSA) <i>Diet determination and biomass intake of female leopards in the Waterberg Mountains, Limpopo, South Africa</i>	Andries Strauss and HO de Waal (Glen Agricultural Institute/ ALPRU, UFS, RSA) <i>The impact of predation on a sheep enterprise in the Free State Province, South Africa</i>	Julius Koen (Department of Environment and Nature Conservation, RSA) <i>The regulatory environment of wildlife ranching</i>
11:20-11:40	Nathalie Razzaq (Amakhala Game Reserve, RSA) <i>Feeding ecology of a small population of cheetahs in a private game reserve in the Eastern Cape</i>	Quinette Saffy and HO de Waal (Department of Animal, Wildlife and Grassland Sciences UFS, RSA) <i>A method to analyse data on the control of damage-causing predators</i>	Timothy Haas (University of Wisconsin-Milwaukee, US) <i>A tool for finding politically-feasible ways to manage ranch-kept wildlife</i>
11:40-12:00	Kenneth Buk (Buk Wildlife, Kimberley, RSA) <i>Diet and habitat selection of black rhino in five South African Parks</i>	Sanjay Kalpage (University of New South Wales, Australia) <i>Mitigating the human-elephant conflict in Sri Lanka? Lessons from Southern Africa</i>	Sayuri Moodliar (Uthlanga Environmental Services, RSA) <i>The role of legislation and policy in promoting sustainable production in wildlife management systems</i>

12:00-12:20	Torstein Storaas, Jos Milner and Floris van Beest (Hedmark University College, Norway) <i>On the economy of feeding wild moose with silage during winter in Norway</i>	JJ van Altena A K Delsink , D Grobler, H J Bertschinger, J F Kirkpatrick and R Slotow (Global Supplies, South Africa) <i>Implementing immuno-contraception in free-ranging African elephants</i>	Sam Ferreira (SanParks, South Africa) <i>The political challenge of national species management plans: lions in small areas</i>
12:20-12:40	<i>Discussion</i>	<i>Discussion</i>	<i>Discussion</i>

12:40-14:00 LUNCH

	Marquee	Protea Hotel	Ball Room
SESSION 7	Biodiversity Chair: David Hopcraft	Human-wildlife interaction Chair: HO de Waal	Legislation and policy formulation Chair: Julius Koen
14:00-14:20	Desire Lee Dalton (National Zoological Gardens of South Africa, RSA) <i>Meshing molecules and management: the genetics of wildlife conservation</i>	Margaret Gichuchi (Jomo Kenyatta University of Agriculture and Technology, Kenya) <i>Malewa-Kigio Wildlife Conservancy – Kenya</i>	Kas Hamman, Jaco van Deventer and Ernst Baard (CapeNature, RSA) <i>A new approach to manage risks posed by the introduction of extra-limital game species into the Western Cape, South Africa</i>
14:20-14:40	Paul Grobler, Ian Rushworth, Antoinette Kotze, Paulette Bloomer, Brian Reilly and Savvas Vrahimis (University of the Free State, RSA) <i>Management of hybridization in a widely utilized endemic species: decision making in the face of imperfect information in the case of the black wildebeest (Connochaetes gnou)</i>	Francette Jerling (North West University, Potchefstroom Campus, RSA) <i>The plight of the common hippopotamus (Hippopotamus amphibius) in northern Botswana: Two case studies illustrating different aspects of a complex problem</i>	Jan Bouckaert (Belgium) <i>The concept of wise use under European conservation law. Lessons for wildlife management legislation and policy</i>
14:40-15:00	Nadine Jacobs and Hennie Butler (University of the Free State, RSA) <i>Behavioural differences between geographical races of the southern sable antelope (Hippotragus niger niger): an explanation of the function and evolution of conspicuous intra-specific morphological differences</i>		Tariro Kamuti (University of the Free State, RSA) <i>Dynamics in the governance of private game farming in Kwazulu-Natal, South Africa</i>
15:00-15:30	<i>Discussion</i>	<i>Discussion</i>	<i>Discussion</i>

15:30-16:00 TEA

	Marquee	Protea Hotel	Ball Room
SESSION 8	Wildlife ranching Chair: Gert Dry	Human-wildlife interaction Chair: Pieter Nel	Economics - livelihood strategies Chair: Richard Davies
16:00-16:20	Jeremy Perkins and Chris Brooks (University of Botswana) <i>Wildlife ranches in the Kalahari of Botswana</i>	Alison Leslie, Kevin Wallace and Tim Coulson (University of Stellenbosch, RSA) <i>Living with predators: A focus on the issues of human crocodile conflict within the lower Zambezi Valley, Zambia</i>	Phumzile Mniki (Cape Peninsula University of Technology, RSA) <i>The economic value of wildlife ranching to local indigenous communities around Dwesa - Cwebe Nature Reserve in the Eastern Cape, South Africa</i>

16:20-16:40	Veramate and Marisa Champonote (Thailand) <i>The value of deer farming in Thailand: A Southeast Asian perspective of wildlife ranchings' impact on economic development and wildlife conservation</i>	Willem Prinsloo (Cashan Environmental Services, RSA) <i>The influence of hominids (family hominidae) on the biodiversity of Mogale's Gate, a medium sized game farm in the Gauteng Province, South Africa</i>	Daniella Sachs (University of the Witwatersrand, RSA) <i>Ecolodge development: a tool for economic empowerment?</i>
16:40-17:00	Shahid Razzaq, Nathalie Razzaq and Jennifer Gush (Amakhala Game Reserve, RSA) <i>Understanding and effectively managing an ecosystem on a small private game reserve</i>	Sue Taylor (University of the Free State, RSA) <i>Abe Bailey Nature Reserve and Khutsong township - friends at last?</i>	Jenny Josefsson (University of the Free State Bloemfontein) <i>The relationship between private game farms and farm dwellers: exploring politics, perceptions and impacts and links to the post-apartheid land reform.</i>
17:00-17:30	<i>Discussion</i>	<i>Discussion</i>	<i>Discussion</i>

19:00-22:00 Safari dinner (optional) or evening free

DAY THREE

Wednesday 12 October 2011

Day free for those delegates not going on fieldtrips. Teas and lunch at the Protea Hotel or a packed lunch if going on independent tour.

FIELD TRIP 1		FIELD TRIP 2	
	Intensive farming with rare and endangered species		Intensive farming with rare and endangered species
08:30	Field trip briefing in the Marquee	08:30	Field trip briefing in the Marquee
10:00	Matanu Game Ranch, Johann Kriek – breeding facilities for rare game species	10:00	Dronfield Game Ranch, De Beers – breeding facilities for rare game species and veld management
12:30-13:30	Lunch	12:30-13:30	Lunch
	Specialised Game Capture, care, transport and holding facilities		Specialised Game Capture, care, transport and holding facilities
13:30	SanParks Game Capture Unit – bomas and game capture equipment	13:30	SanParks Game Capture Unit – bomas and game capture equipment
16:00	Langberg Tienie Neethling – capture facilities and intensive game breeding	16:00	Langberg Tienie Neethling – capture facilities and intensive game breeding

17:30 Buses depart from the Marquee at Protea Hotel at the Big Hole for delegates who had not been on field trips - Symposium dinner – traditional South African barbeque at Langberg

DAY FOUR

Thursday 13 October 2011

	Marquee
SESSION 9	Wildlife Ranching Chair: Andrew Conroy
08:00-08:30	Philippe Chardonnet (IGF, France) <i>Wildlife ranching: ensuring present and future conservation benefits</i>
08:30-09:00	Gert Dry (Wildlife Ranching, RSA) <i>Commercial wildlife ranching's contribution to the green economy</i>
	THE WAY FORWARD FOR THE INTERNATIONAL WILDLIFE RANCHING SYMPOSIUM – Presentation and Panel discussion
09:00-09:10	David Hopcraft (Swara Plains Sanctuary, Kenya) <i>The establishment of a foundation : Restoration International - The Trust for Restoration and Ecological</i>
09:10-10:00	Correction - global dry lands decline Panel: Philippe Chardonnet, Andrew Conroy, Raul Valdez, Sebastien le Bel, Wouter van Hoven, Gert Dry, George Wilson, Lyle Renecker, Del Benson, Louw Hoffman and David Hopcraft

10:00- 10:30 TEA

	Marquee	Protea Hotel	Ball Room
SESSION 10	Biodiversity – sustainable landuse Chair: Jennifer Smits	Game meat, venison and co-products Chair: Philippe Chardonnet	Wildlife tourism Chair: Peet van der Merwe
10:30-11:00	Willeen Olivier (National Co-ordinator: Biodiversity Stewardship Programme, DEA, RSA) <i>The Biodiversity Stewardship Programme – what does it need for successful implementation?</i>	Louw Hoffman (University of Stellenbosch, RSA) <i>Producing game meat of international standard</i>	Sam Ferreira (SANParks, RSA) <i>Reconciling conservation and financial objectives</i>
11:00-11:20	Nomcebu Malatji (Mpumalanga Biodiversity Stewardship, Mpumalanga Tourism & Parks Agency, RSA) <i>The contribution of the Biodiversity Stewardship Programme to sustainable landuse</i>	Sebastien le Bel, Rene Czudek, Mike La Grange, Graham Connear, Clive Stockil and Ox Hacking (CIRAD, France) <i>Small scale elephant cropping and wild game meat production in Zimbabwe. A learning process from the pilot initiative of Save Valley Conservancy to supply local communities with a legal source of meat</i>	Andrea Giampiccoli (Northwest University, RSA) <i>The impact of private game reserves on community development</i>
11:20-11:40	Derrek Ruiters (KZN Wildlife, RSA) <i>The Biodiversity Stewardship Programme on land reform sites – challenges and successes in KZN</i>	Greta Geldenhuys, Louw Hoffman and M Muller (University of Stellenbosch, RSA) <i>Sensory profiling of game bird / Egyptian goose meat</i>	Richard Davies (Busico cc, RSA) <i>Wildlife tourism - dreams or nightmares?</i>
11:40-12:00	Wayne Erlank (Eastern Cape Parks & Tourism Agency, RSA) <i>The 'two-way street' between the BSP and Ecosystem Services – how the Eastern Cape is dealing with this.</i>		Martinette Kruger, Bianca Manners and Melville Saayman (Northwest University, RSA) <i>Determinants of visitor expenditure at the Tsitsikamma National Park</i>
12:00-12:30	<i>Discussion</i>	<i>Discussion</i>	<i>Discussion</i>

12:30-13:30 TEA

	Marquee	Protea Hotel	Ball Room
SESSION 11	Economics - business venture Chair: Wouter van Hoven	Game meat, venison and co-products Chair: Radim Kotrba	Wildlife tourism Chair: Melville Saayman
13:30-13:50	Wouter van Hoven (UP, RSA) <i>The economics of game ranching with a focus on rhinoceros</i>	Schutz Marais and Louw Hoffman (University of Stellenbosch, RSA) <i>Manipulation of the meat quality traits of the M. longissimus dorsi muscle of the springbok (Antidorcas marsupialis) in the commercial game culling industry through electrical stimulation</i>	Francesca Cini and Melville Saayman (Northwest University, RSA) <i>Visitors to Table Mountain National Parks: who are they?</i>
14:10-14:30	Peet van der Merwe, Melville Saayman and R Rossouw (North West University, RSA) <i>The economic impact of hunting in the Limpopo Province</i>	Jeanine Neethling and Louw Hoffman (University of Stellenbosch, RSA) <i>Seasonal impact on the m. longissimus dorsi of Blesbok (Damaliscus dorcas phillipsi) meat</i>	Clarrisa van Tonder and Melville Saayman (Northwest University, RSA) <i>What is the value of the Big 5?</i>
14:30-14:50	Tristan Dickerson (Panthera, RSA) <i>A model for sustainable trophy hunting of leopards in KwaZulu-Natal, South Africa</i>	George Wilson and Jennifer Smits (Australian Wildlife Service) <i>Australian conservation through sustainable use of kangaroos</i>	Martinette Kruger and Melville Saayman (Northwest University, RSA) <i>Segmenting visitors to the Addo Elephant National Park based on level of education</i>
14:50-15:10	Rodney Kretzschmar (Trans African Taxidermists cc) <i>The economic impact of bad field preparation on the game rancher</i>	Lyle Renecker, Douglas Drum, Aliyu El-Nafaty and Dammy Atkoi (Palace Hillside Farm, Canada) <i>Nigerian developments target need for meat hygiene, quality, safety, and production</i>	Lindie du Plessis and Karin Botha (Northwest University, RSA) <i>Analysing the quality of facilities and services in the Kruger National Park</i>
15:10-15:30	<i>Discussion</i>	<i>Discussion</i>	<i>Discussion</i>

15:30-16:00 TEA

	Marquee	Protea Hotel	Ball Room
SESSION 12	Land use: private vs public Chair: Raul Valdez	Game meat, venison and co-products Panel discussion - Chair: Louw Hoffman	Wildlife tourism Chair: Sue Taylor
16:00-16:20	Peter Lindsey (University of Pretoria, South Africa) <i>Benefits associated with wildlife-based land uses on private land in Namibia and limitations affecting their development</i>	Hana Choucair and Radim Kotrba (Czech University of Life Sciences in Prague) <i>Are there seasonal changes in the quality of external insulation of eland exposed to temperate climatic zone as a proof of thermal adaptation?</i>	Gerhard Nortje, Wouter van Hoven, Michiel Laker and Johan van der Waals (University of Pretoria, RSA) <i>Subsoil compaction caused by off-road vehicles: a threat to soil productivity?</i>
16:20-16:40	Terry Messmer (Utah State University, US) <i>Utah's Cooperative Wildlife Management Association: twenty years of balancing private lands and public wildlife</i>	Radim Kotrba, D Bures and L Barton (Czech University of Life Sciences Prague) <i>Eland meat or beef - comparison of slaughter and carcass traits, meat composition and sensory characteristics</i>	Martinette Kruger, Willy Engelbrecht and Melville Saayman (Northwest University, RSA) <i>An analysis of critical success factors at the Kruger National Park</i>
16:40-17:00	Jessica Musengezi (University of Florida, US) <i>Economic profitability and policy of game ranching on private land: a case study of game ranching in Limpopo province of South Africa.</i>	Martin Vana, Radim Kotrba, J Kvacek, R Vodicka and R Pavlik (Czech University of Life Sciences Prague) <i>Influence of preserved fodder and additional feed concentrate on growth, blood serum chemistry and muscle fatty acid composition of farmed eland males (Taurotragus oryx)</i>	Elmarie Slabbert and P Viviers (Northwest University, RSA) <i>The influence of push and pull factors at South African National Parks</i>
17:00-17:30	<i>Discussion</i>	<i>Discussion</i>	<i>Discussion</i>

17:40 Closing remarks

19:00 Farewell dinner at The Kimberley Club (optional) – evening free