

Number	Researcher	Title of Project	Purpose of the Project	SANParks coordinator (e-mails: first name and first letter of surname then @sanparks.org, e.g. hugob@sanparks.org)	Project Meeting	Finish date	Contact	Institution	Park
1	Almond JE	Fossil heritage of the Richtersveld National Park (Precambrian –Palaeozoic)	To document key features of the palaeontology and geology of Precambrian to Palaeozoic sediments within the Richtersveld National Park.	Hugo Bezuidenhout	20.10.2009	31.12.2010	naturaviva@universe.co.za	Natura viva cc	Richtersveld
2	Altwegg R	Vulnerability of a key iconic species, Aloe dichotoma, to past and future climate change	To investigate how climate changes may affect the persistence of quiver trees.	Ernest Daemane	19.08.2008	31.12.2012	altwegg@sanbi.org	South African National Biodiversity Institute	Augrabies, Richtersveld
3	Anastassiou VM	Temporal and spatial habitat utilization by elephant cows in Kruger National Park	To detect the effect of density on the choices that elephants make.	Sam Ferreira	01.09.2009	31.12.2010	vanasta@yahoo.com	University of KwaZulu Natal	Kruger
4	Archibald S	Leaf area dynamics in a semi-arid African savanna	To use field measurements to develop a reliable method to extract ("un-mix") tree and grass green-up curves from satellite imagery.	Izak Smit	19.02.2008	31.12.2010	sarchibald@csir.co.za	Centre for Scientific and Industrial Research	Kruger
5	Asner GP	Carnegie Airborne Observatory (CAO) Programme	To collect high quality hyperspectral and LiDAR data that can be used to answer the research questions defined in the three projects.	Izak Smit	22.01.2008	31.12.2010	gpa@stanford.edu	Carnegie Airborne Observatory	Kruger
6	Ball JB	Inventorying insect species from four insect orders and determining their ecology, distribution and conservation status in nine of South African National Parks		Hendrik Sithole	08.04.2008	31.12.2010	jonbal@iafrica.com	University of Pretoria	Aguias, Augrabies, Bontebok, Karoo, Namaqua, Richtersveld, Tankwa West
7	Balster H	Remote Sensing for characterizing savanna landscape structure using the Geoscience Laser Altimeter System	To explore LiDAR data collected by the ICESAT-GLAS satellite to characterize woody vegetation structure in the KNP, including estimating and mapping canopy height, canopy cover and woody biomass.	Izak Smit	20.10.2009	31.12.2012	hb91@le.ac.uk	Centre for Environmental Research	Kruger
8	Barbosa ERM	Competitive interactions between savanna trees and grasses: experiments on the factor that influence the early seedling recruitment	□To examine the effects of multiple factors that potentially influence seed germination and seedling recruitment, by manipulating the seeds and seedlings from three species of savanna trees.	Ernest Daemane	04.12.2008	31.12.2010	Steven.deBie@wur.nl	Wageningen University	Kruger

9	Barquete V	Using stable isotope as a tool to understand the trophic relationships of seabirds off southern Africa	To enhance our understanding of selected aspects of the biology of penguins and gannets using stable isotope approaches to contribute to their conservation management.	Andrew Deacon	16.10.2008	31.12.2011	vibarquete@gmail.com	University of Cape Town	Addo
10	Bastos ADS	Prevalence and genetic diversity of Bartonella spp. in the natural rodent population of Kruger National Park	To quantify the natural prevalence of Bartonellae in rodents for comparison with rural populations of rodents in order to assess the infection threat to humans.	Peter Buss	17.06.2008	31.12.2010	ADBastos@zoology.up.ac.za	University of Pretoria	Kruger
11	Bastos ADS	Molecular detection and characterization of Bartonella bacteria from South African artiodactyls	To determine the diversity of Bartonella species occurring in wild South African artiodactyls.	Peter Buss	19.06.2006	31.12.2011	ADBastos@zoology.up.ac.za	University of Pretoria	Kruger
12	Bastos ADS	Prevalence and diversity of Bartonella in South African carnivores	To determine the diversity of Bartonella bacterial species in South African carnivores in order to increase our knowledge and understanding of the distribution of bacterial species of this genus that are associated with South African wildlife.	Peter Buss	19.06.2006	31.12.2011	ADBastos@zoology.up.ac.za	University of Pretoria	Kruger
13	Bazelet CS	Review of the Grasshopper Subfamily Euryphyminae	To develop identification keys for Euryphyminae genera (males and females)	Hendrik Sithole	24.03.2010	31.12.2010	coreybaz@gmail.com	University of Stellenbosch	Au-grabies, Camdeboo, Richtersveld, Namaqua, Tankwa, and Kgalagadi
14	Bergh NG	Systematics of the Gnaphalieae (Asteraceae) in southern Africa. Part I: the Relhania clade	To produce an interactive digital key to the species and update a phylogenetic hypothesis proposed based on molecular and morphological data and the taxonomy.	Ernest Daemane	23.06.2009	31.12.2011	bergh@sanbi.org	South African National Biodiversity Institute	Transfrontier Au-grabies, Camdeboo, Golden Gate, Namaqua, Tankwa, Karoo and Richtersveld
15	Bezuidenhout H	Strategic monitoring directives from species to communities: The Mokala Case	To develop a statistically robust way to conduct predictive inventories, ecological community surveys and population surveys through an evaluation of sample size and survey efforts to define variance of measures within landscapes.	Hendrik Sithole	20.10.2009	31.12.2011	hugob@sanparks.org	South African National Parks	Mokala
16	Bezuidenhout Y	An investigation into the performance of constructed wetlands for the wastewater treatment in the Kruger National Park	To study the efficiency of the constructed wetlands as a management method to treat either septic tank effluent directly or to polish the oxidation pond effluent.	Andrew Deacon	07.04.2009	31.12.2010	yolandib@hiveld.co.za	University of Free State	Kruger
17	Birkett PJ	Can we predict elephant population densities from individual cow home ranges in Kruger National Park	To define the temporal scale over which elephant spatial use changes based on spatial changes in home ranges configuration and behavioural shifts using movement-rate indices.	Sam Ferreira	01.09.2009	31.12.2010	birkett.patricia@gmail.com	University of KwaZulu Natal	Kruger

18	Boemah DL	Factors determining the interpretive effectiveness of ecotour guides in South African National Parks: An interpretation model	To develop an interpretation model for guides in the national parks and cultural heritage sites.	Louise Swemmer	24.03.2010	31.12.2010	dudu.boemah@nwu.ac.za	North-West University	Addo, Kruger, Mapungubwe, Table Mountain, Marakele & Kalahari Gemsbok
19	Bond WJ	Plant Functional Trait Variation in Savannas along Environmental Gradients	To quantify plant functional types (PFTs) from mesic to arid savannas and on basalt and granite substrates in Kruger National Park.	Navashni Govender	08.04.2008	31.12.2010	william.bond@uct.ac.za	University of Cape Town	Kruger
20	Bond WJ	Interactions of fire and herbivory in African savannas	To explore the different determinants of vegetation state by studying changes in herbivore movement in response to large landscape fires set up by the SAVFIRE experiments.	Navashni Govender	07.04.2009	31.12.2010	william.bond@uct.ac.za	University of Cape Town	Kruger
21	Botha A	Survey of the Pel's Fishing Owl <i>Scotopelia peli</i> population in the Kruger National Park	□Determine the population size of Pel's Fishing Owl along the major river systems within the Kruger National Park as part of a national population survey.	Andrew Deacon	19.06.2007	31.12.2010	andreb@ewt.org.za	Endangered Wildlife Trust	Kruger
22	Botha A	Re-sighting study of colour-marked vultures and other raptors in the Kruger National Park	The aim of this proposal is to register the re-sighting of colour-marked birds in the Kruger National Park to facilitate the collection of data within the Park through the recording of sightings by visitors.	Andrew Deacon	14.08.2007	31.12.2010	andreb@ewt.org.za	Endangered Wildlife Trust	Kruger
23	Botha A	The effect of variation in large tree availability on white-backed vulture and southern ground hornbill population dynamics	To review trends in White-Backed vultures and Southern Ground Hornbill and relate these to changes in large tree densities through collating and analyzing existing data.	Andrew Deacon	04.12.2008	31.12.2010	andreb@ewt.org.za	Endangered Wildlife Trust	Kruger
24	Botha A	Harvesting of second eggs from the Southern Ground Hornbill and monitoring the impacts thereof in the KNP	To monitor all nests harvested to determine impacts on breeding success and fledgling of chicks remaining in nests.	Andrew Deacon	16.10.2008	31.12.2011	andreb@ewt.org.za	Endangered Wildlife Trust	Kruger
25	Bouchenak-Khelladi Y	Study of savanna ecosystems in the Kruger National Park: a case study using C4 grass species evolution	□This project can provide benefits in terms of determining what the causes are for varying palatability between grass species and different groups of grasses.	Navashni Govender	08.04.2008	31.12.2010		University of Cape Town	Kruger
26	Bouwman H	Chemical pollutants and their ecotoxicological effects at different trophic levels in the Olifants-Letaba River system of the Kruger National Park	To identify the types, fluxes and potential sources of chemical pollutants in the water and sediment of the Olifants/Letaba River system.	Danny Govender	01.09.2009	31.12.2011	henk.bouwman@nwu.ac.za	North-West University	Kruger

27	Braun D	Behavioural ecology of Acheulean hominins in the West Coast National Park: Project outline and plan for survey, excavation and publication of results	To determine the effect of resource quality and availability on Acheulean artifact form, and their distribution across the landscape at Elandsfontein by excavating in situ sediments and surface scatters along exposures.	Louise Swemmer	19.08.2008	31.12.2010	david.braun@uct.ac.za	University of Cape Town	West Coast
28	Bunn D	Under the wire: Historical aspects of border transgression in the Numbi and Pafuri regions of the Kruger National Park	To provide a detailed comparative history of border permeability in two areas, Numbi and Western Pafuri of the Kruger National Park by looking at the oral history of people who regularly crossed these boundaries.	Louise Swemmer	07.04.2009	31.12.2013	dbunn@mweb.co.za	University of Witwatersrand	Kruger
29	Burkepile DE	Interactions between herbivore size and fire regime on plant community structure	To quantitatively show how herbivores of different size and fire regime interact as ecological drivers to determine the community structure and ecosystem function of savanna grasslands.	Navashni Govender	22.08.2006	31.12.2010	Deron_Burkepile@yahoo.com	Yale University	Kruger
30	Burkepile DE	Testing the effect of fire and herbivory on tree seedling establishment at multiple scales in the Satara region of the Kruger National Park	To examine how tree seedling establishment is affected by fire and the scale of herbivory (ungulate size, herd size and concentration).	Navashni Govender	01.12.2009	31.12.2012	deron.burkepile@fiu.edu	Florida International University	Kruger
31	Cadenasso ML	Spatial and temporal variation of riparian structure and function in the Shingwedzi drainage	To enhance understanding of the the structure, function and composition of riparian corridors along the Shingwedzi drainage of the Kruger National Park.	Navashni Govender	01.09.2009	31.12.2013	mlcadenasso@ucdavis.edu	University of California, Davis	Kruger
32	Cain JW	Influence of ecosystem heterogeneity and predation risk on habitat selection, resource use, and movements of non-migratory wildebeest and zebra	□To assess the influence of habitat heterogeneity and predation risk on seasonal movement patterns, habitat selection, and resource use of the resident wildebeest, buffalo, and zebra.	Sam Ferreira	03.03.2009	31.12.2012	James_Cain@tamu-commerce.edu	Texas A&M University-Commerce	Kruger
33	Calldo JM	Faecal glucocorticoid metabolite validation, and linking faecal cortisol levels with environmental and demographic factors in African Buffalo (<i>Syncerus caffer</i>) in Kruger National Park	□To validate that measurement of the stress hormone cortisol in feces qualitatively reflects cortisol levels within buffalo.	Peter Buss	23.06.2009	31.12.2012	jcaldo@webmail.co.za	University of Pretoria	Kruger
34	Cameron EZ	Longitudinal studies of bovine tuberculosis in the buffalo population of the Kruger National Park	To investigate whether spotted hyenas behave differently around areas of intense human use and habitation (Skukuza) compared to areas of lower human habitation (Tshokwane).	Markus Hofmeyr	08.04.2008	31.12.2012	ezcameron@zoology.up.ac.za	University of Pretoria	Kruger
35	Chadwick OA	Sources and availability of phosphorus and salts in Kruger landscapes	To understand the processes that increase N and P availability and absorption.	Navashni Govender	22.01.2008	31.12.2010	oac@geog.ucsb.edu	University of California, Santa Barbara	Kruger

36	Chaminuka P	Balancing Ecotourism and Livestock Production– Implications for livelihoods and the environment in Limpopo Province, South Africa	To develop a framework that combines socio-economic and bio-physical considerations for evaluating land-use options for improved livelihoods and environmental well being.	Louise Swemmer	08.04.2008	31.12.2011	petronellac@ul.ac.za	University of Limpopo	Kruger
37	Chizana C	Towards sustainability of harvesting the medicinal plant Pelargonium sidioides DC. (Geraniaceae, section Reniformia)	To develop a sustainable harvesting protocol for Pelargonium sidioides DC. in Lesotho (Butha-Buthe and Quthing districts) and South Africa (Eastern Cape and Free State Provinces)	Louise Swemmer	12.05.2009	31.12.2010	christinec@ewt.org.za	TRAFFIC East/ Southern Africa	Golden Gate
38	Claassen JJ	The present status and breeding success of Verreaux's Eagles (Aquila verreauxii) in the Karoo National Park and surrounding areas	To monitor the distribution and breeding of the Verreaux's Eagles in the park and what the species survival possibility are.	Andrew Deacon	22.04.2010	31.12.2012	claassen@cybertrade.co.za	Private Researcher	Karoo
39	Coetzee BWT	Protected Area effectiveness and species assembly patterns in times of change: a focus on African avifauna	□To assess the patterns of changes in avian assemblages along an intensifying gradient of land use change outside of protected area.	Andrew Deacon	01.12.2009	31.12.2012	bcoetzee@sun.ac.za	University of Stellenbosch	Kruger
40	Coghlan A	Investigating stakeholder perceptions of concession areas as part of SANParks' commercialization strategy	□Are concession areas perceived to be a good commercialization strategy for SANParks?	Louise Swemmer	26.01.2010	31.12.2010	Alexandra.coghlan@jcu.edu.au	James Cook University	Kruger
41	Cole M	Biodiversity and Biogeography of Terrestrial Molluscs of the Eastern Cape	To study snail diversity and their habitat.	Hendrik Sithole	22.01.2008	31.12.2011	marybursey@elmuseum.za.org	East London Museum	Addo, Camdeboo, Mountain Zebra, Tsitsikama
42	Colvin CA	Groundwater dependency and plant water use in the Shingwedzi area	To define the differences in water sources and water use for plants in the riparian zone compared to the surrounding mopane savanna zone.	Izak Smit	04.12.2008	31.12.2010	ccolvin@csir.co.za	Centre for Scientific and Industrial Research	Kruger
43	Connan M	Investigation of the seasonal variation of the Cape Gannet diet	To investigate the seasonal variation of the diet of Cape Gannets breeding on Bird Island (Algoa Bay).	Andrew Deacon	01.09.2009	31.12.2010	m.connan@ru.ac.za	Rhodes University	Addo
44	Cowell CR	Millenium Seed Bank Project	□To make seeds available for conservation in the wild and for research.	Ernest Daemane	19.08.2008	31.12.2010	cowell@sanbi.org	South African National Biodiversity Institute	Augrabies, Karoo, Namaqua, Richtersveld, Tankwa

45	Cromsigt JPGM	Spatial Heterogeneity of Resources – do white rhino increase resource heterogeneity in KNP's savanna grasslands?	To construct the spatio-temporal pattern of colonization of KNP by white rhino and relate this to available abiotic and biotic (GIS) data to understand how rhino colonized the KNP landscape.	Izak Smit	24.03.2010	31.12.2011	jcromsigt@hotmail.com	University of Oslo	Kruger
46	Cullum C	A hierarchical framework for the analysis of savannas as water-controlled ecosystems, applied to the landscapes of Kruger National Park	To describe the spatial organisation of savanna landscapes in Kruger National Park in terms of patterns constrained both by the configuration of drainage networks and a hierarchy of interdependent soil, vegetation and hydrological systems.	Izak Smit	24.03.2010	31.12.2010	cullum@gecko.biol.wits.ac.za	University of the Witwatersrand	Kruger
47	Curtayne CS	The functions of intermediaries in intercultural communication between South African National Parks officials and local communities on the periphery of the North-Western Border of the Kruger National Park	To perform non-participatory observations of the interactions between the agents and the communities.	Louise Swemmer	22.01.2008	31.12.2010	Carmen@magna-carta.co.za	University of Stellenbosch	Kruger
48	Daemane ME	Using Landscape Function Analysis (LFA) as a monitoring tool in a degraded park	To test whether the Land Function Analysis technique is an appropriate technique for surveying Karoo ecosystems, particularly for those that have been severely degraded in the past.	Angela Gaylard	24.03.2010	31.12.2014	ernestd@sanparks.org	South African National Parks	Camdeboo
49	Dalton DL	Detection of hybridisation and determination of level of genetic diversity in South African antelope: blesbok and bontebok	To investigate hybridization between the blesbok and bontebok species.	Dave Zimmerman	12.05.2009	31.12.2010	desire@nzg.ac.za	National Zoological Gardens of South Africa	Bontebok
50	Davies-Mostert HT	Factors affecting the population dynamics of wild dogs and cheetahs in the Greater Kruger National Park	To obtain longitudinal data on population dynamics of wild dogs and cheetahs in the Greater Kruger National Park through monitoring of focal packs and individuals.	Sam Ferreira	24.03.2010	31.12.2015	harrietd@ewt.org.za	Endangered Wildlife Trust	Kruger
51	de Swardt JH	Comparative taxonomical study between the Drakensberg (<i>Prinia hypoxantha</i>) and Karoo <i>Prinia</i> (<i>P. maculosa</i>) in the Free State and adjacent areas	To determine the distribution limits of <i>P. maculosa</i> and <i>P. hypoxantha</i> in the Free State Province by surveys, collecting data for population genetics studies and morphological data of ringed or collected individuals in selected localities where <i>P. maculosa</i>	Andrew Deacon	08.04.2008	31.12.2011	dawie@nasmus.co.za	Bloemfontein National Museum	Golden Gate
52	Dennis PM	Establishing reference ranges for measures of adiposity in giraffe (<i>Giraffa camelopardalis</i>)	To identify metabolic disturbances that culminate in iron overload in black rhinos and predispose them to diseases.	Peter Buss	17.06.2008	31.12.2010	pmd@clevelandmetroparks.com	Cleveland Metroparks Zoo	Kruger
53	Dicken ML	A preliminary investigation into the size, sex and seasonal occurrence of white sharks (<i>Carcharodon carcharias</i>) within the Bird Island Marine Protected Area	Project aims to collect historical catch and observation data on white sharks within Algoa Bay and at Bird Island.	Sam Ferreira	04.12.2008	31.12.2010	raggedtoothshark@bayworld.co.za	Nelson Mandela Metropolitan University/Batword Centre for Research and Education	Addo

54	Dikgang J	Developing a system for sustainable resource use by the Khomani San in Kgalagadi Transfrontier Park and environment: Valuing sustainable resource use	To establish the extent to which having access to the Park has had on the Khomani San community's income, employment, health and food consumption.	Louise Swemmer	07.04.2009	31.12.2010		University of Cape Town	Kalahari
55	Dipotso FM	Population Trends of Springbok (<i>Antilocapra variabilis</i>) in southern-western Kalahari ecosystem, Botswana and South Africa. Possible Cause of Population Decline	□To determine the extent of decline of the springbok population recorded by the two countries.	Sam Ferreira	04.12.2008	31.12.2010	frederick.dipotso@student.umb.no	Norwegian University of Life Sciences	Kalahari
56	Dippenaar-Schoeman A	South African National Survey of Arachnida: Surveys of the Arachnida fauna in the National Parks of South Africa	To document and determine the conservation status of arachnid species of South Africa.	Hendrik Sithole	07.04.2009	31.12.2013	dippenaara@arc.agric.za	Agricultural Research Council	Addo, Bontebok, Kruger
57	Djolov G	Characterization of the micro meteorology in Kruger National Park	To determine the influence of the vegetation on the turbulent fluxes, temperature, humidity and rain distribution.	Tony Swemmer	26.01.2010	31.12.2012	djolov@up.ac.za	University of Pretoria	Kruger
58	Drake DC	Pilot Study: Savanna-riparian plant and soil N standing stocks and N and C isotope distributions: effects of large herbivores	To quantify the existing N and C standing stocks under high and low herbivory, and between wet and dry seasons.	Navashni Govender	23.06.2009	31.12.2010	deanne.drake@wits.ac.za	University of the Witwatersrand	Marakele
59	Fearon JL	An assessment of the genetic diversity & conservation status of <i>Prestonella</i> (Mollusca), an endemic genus of the southern Great Escarpment	□To use information from known population localities as well as GIS and map data (possibly augmented by aerial survey information) to identify candidate sites for "ground truthing" to assess the full distribution range of these species	Hendrik Sithole	24.03.2010	31.12.2010	janine.fearon@gmail.com	Rhodes University	Camdeboo, Karoo, Mountain Zebra
60	February EC	An examination of the temporal niche separation model for grass/tree coexistence in savanna ecosystems	To improve our understanding of factors influencing the density and structure of tree and grass populations in savanna.	Navashni Govender	23.01.2007	31.12.2010	Edmund.February@uct.ac.za	University of Cape Town	Kruger
61	Ferreira SM	Rapid assessment of the population dynamics of elephants in the Limpopo-Shashe TransFrontier Conservation Area	□To estimate demographic variables (age at first calving, calving interval, survival) for elephants living in the Limpopo-Shashe Transfrontier Conservation Area through the application of a Rapid Elephant Population Assessment technique to elephants in th	Sam Ferreira	07.04.2009	31.12.2010	samf@sanparks.org	South African National Parks	Mapungubwe
62	Ferreira SM	Development of a black rhino population and demography monitoring programme in Kruger National Park	To quantify the influence of sources of error on precision of population estimates through evaluation of observer bias and availability bias.	Sam Ferreira	20.10.2009	31.12.2010	samf@sanparks.org	South African National Parks	Kruger

63	Ferreira SM	Evaluating the conservation outcomes of springbok, gemsbok and red hartebeest introductions to Tankwa Karoo National Park	To evaluate the success of species introduction to restore degraded ecosystem features resulting from the lack of large mammals as an ecosystem driver in Succulent Karoo and Fynbos biomes of the Tankwa Karoo National Park by defining the spatial use of re	Sam Ferreira	20.10.2009	31.12.2010	samf@sanparks.org	South African National Parks	Tankwa
64	Ferreira SM	Springbok declines: Management, predation, sex ratio and Allee effects	To evaluate whether springbok the removal reduced population size substantially which resulted in smaller group sizes that lead to increased predation risk.	Sam Ferreira	20.10.2009	31.12.2010	samf@sanparks.org	South African National Parks	Karoo
65	Ferreira SM	Spatial use by large mammals in the Marakele National Park	To define the spatial use of key large mammals in the Marakele National Park and the area managed by Marakele Park (Pty) Ltd through the development of season-specific probability density functions and home ranges from geographic locations derived through	Sam Ferreira	17.06.2008	31.12.2011	samf@sanparks.org	South African National Parks	Marakele
66	Ferreira SM	Assessing the financial implications and evaluating the population risks to Kruger white rhinos imposed by intense localized removals and emerging diseases	To define the age and sex structure of white rhino populations within historical areas of removal (sinks) as well as non-removal (sources) using individual assignments from a helicopter.	Sam Ferreira	20.10.2009	31.12.2013	samf@sanparks.org	South African National Parks	Kruger
67	Ferreira SM	Extrinsic disease constraints on maintenance of predator-prey relations: lion demographic profiles in northern Kruger National Park	To estimate fecundity and survival schedules of lions in Kruger by observing focal prides in zones of different prey availability and BTb incidences in prey.	Sam Ferreira	20.10.2009	31.12.2014	samf@sanparks.org	South African National Parks	Kruger
68	Ferreira SM	Localized human-lion interactions in Kruger	To define lion spatial use through descriptions of home ranges by placing collars on prides and males in and around the Shangoni section.	Sam Ferreira	26.01.2010	31.12.2013	samf@sanparks.org	South African National Parks	Kruger
69	Ferreira SM	Disease risks to the lion population of the Kgalagadi Transfrontier Park	□To evaluate the consequences of recent CDV outbreaks for lions by estimating population size and demography, and compare how these have changed over time.	Danny Govender	24.03.2010	31.12.2010	samf@sanparks.org	South African National Parks	Kalahari
70	Fisher JT	Three dimensional woody vegetation structure across spatial scales and land-use intensities in a semi-arid savanna	To compare woody vegetation structure within the park and outside the park using LiDAR	Izak Smit	04.12.2008	31.12.2010	fisher@gecko.biol.wits.ac.za	University of the Witwatersrand	Kruger
71	Fleming GJ	In situ chemical sedation and restraint of the South African hippopotamus (Hippopotamus amphibious)	To utilize a combination of medetomidine and butorphanol and to evaluate the effects of these drugs on the Nile hippo through physiological monitoring.	Markus Hofmeyr	01.09.2009	31.12.2010	Greg.Fleming@disney.com	Disney's Animal Program	Kruger

72	Forssman T	The Later Stone Age occupation sequence in the Shashe-Limpopo Uplands	This research intends to explore the LSA occupation of the uplands in order to see how the exploitation of these areas changed in response to climatic changes and the arrival of farmers and herders in the area.	Louise Swemmer	12.05.2009	31.12.2010	tim.forssman@gmail.com	University of the Witwatersrand	Mapungubwe
73	Foxcroft LC	The impact of alien species invasions- the genetic status of the African wild cat (<i>Felis silvestris lybica</i>) and the potential risk of hybridisation with feral domestic cats (<i>Felis catus</i>) in Kruger National Park, South Africa	To elucidate the current genetic status of the African wild cat population in terms of its hybridisation with feral domestic cats in KNP.	Llewellyn Foxcroft	01.12.2009	31.12.2011	llewellynf@sanparks.org	South African National Parks	Kruger
74	Freeman EW	Investigating the Factors that Influence Reproductive Success and Health of Black Rhinoceros in Addo Elephant National Park, South Africa	To establish a multi-year, health monitoring program that will investigate the relationship among black rhino hormonal activity, parasitic infection rates, and ecological factors that vary among the two sections of AENP, namely Addo and Nyathi.	Sam Ferreira	01.12.2009	31.12.2012	efreeman@gmu.edu	National Zoological Park	Addo
75	Funston PJ	Lion demographic profiles in the Kruger National Park	To estimate fecundity and survival schedules of lions in Kruger by observing focal prides in zones of different prey availability and BTb incidences in prey.	Sam Ferreira	07.04.2009	31.12.2014	funstonpj@tut.ac.za	Tshwane University of Technology	Kruger
76	Gaines MSG	Linking soil organic carbon source, microbial diversity and mycorrhiza abundance to ungulate presence in Kruger National Park, South Africa	To examine whether herbivory induces a positive feedback on soil microbes and nutrient cycling in savanna habitats of the KNP.	Navashni Govender	23.06.2009	31.12.2010	m.gaines@miami.edu	University of Miami	Kruger
77	Gardner RH	The development and expansion of heritage based arts, crafts and village tourism in the Limpopo Province	To understand the needs and expectations of KNP visitors in order to promote complementary tourism services and experiences in the neighbouring communities.	Louise Swemmer	04.12.2008	31.12.2010	wudsmoke@mweb.co.za	Sustainable Tourism Research Institute of Southern Africa	Kruger
78	Gaylard A	Spatial responses and changes in impact of elephants to enlargement of the main camp of Addo Elephant National Park	<input type="checkbox"/> To define the spatial use of elephants in Addo Elephant National Park through the development of season-specific probability density functions and home ranges from geographical locations derived through GPS cell-phone collars placed on females in all the	Sam Ferreira	01.12.2009	31.12.2012	angelag@sanparks.org	South African National Parks	Addo
79	Grant CC	Large trees along tourist roads: how are they impacted by elephant utilization and what are the consequences of the impact?	<input type="checkbox"/> To track elephant impact on large trees over time in different landtypes along major tourist roads.	Rina Grant	03.03.2009	31.12.2010	rinag@sanparks.org	South African National Parks	Kruger
80	Greeff JM	The genetic population structure of the <i>Ficus sycomorus</i> -fig wasp mutualism	To determine if low density populations may serve as corridors for gene flow.	Hendrik Sithole	01.12.2009	31.12.2011	jaco.greeff@up.ac.za	University of Pretoria	Kruger

81	Grundling P	The wetlands of the Kruger, Mapungubwe and Marakele National Parks: Characterization, classification and inventory	To characterize wetlands in terms of the different ecozones they occur in, their geology, geomorphology, hydrology, soils and vegetation.	Andrew Deacon	04.12.2008	31.12.2011	peatland@mweb.co.za	University of Waterloo	Kruger, Mapungubwe
82	Harding B	Use of stable isotope analysis to investigate foodweb and feeding patterns in the Olifants River Gorge, Kruger National Park	To use stable isotope analysis (SIA) to determine and describe the food web structure and feeding patterns of the Olifants Gorge and other reference sites in the KNP.	Danny Govender	20.10.2009	31.12.2011	bill@dhec.co.za	International Environmental Management Services (Ltd)	Kruger
83	Hardman SG	The narrative journey's of male and female leaders within a quasi-governmental organisation in South Africa	To use semi-structured interviews in order to explore the construct of 'leadership' and unpack what it means to participants, and to engage with participant's on their subjective experiences and realities of leadership within their organisation, and, fina	Louise Swemmer	20.10.2009	31.12.2010	205517908@ukzn.ac.za	University of KwaZulu Natal	Golden Gate, Marakele
84	Hedin LO	Interactions of nutrients, rainfall and grazing in savanna ecosystems: A large-scale experiment in the Kruger National Park	□To determine the interaction of nutrients and water addition on the post fire recovery of trees and grasses.	Navashni Govender	16.10.2008	31.12.2012	lhedin@princeton.edu	Princeton University	Kruger
85	Helm CV	Regeneration ecology, adaptive responses and growth rates of marula (<i>Sclerocarya birrea</i> subsp. <i>caffra</i>) in southern Africa	□This study broadly aims to explore the regeneration ecology, adaptive responses and growth rates of <i>Sclerocarya birrea</i> , throughout its distribution in southern Africa through an evaluation of past research and its synthesis, experimental approaches.	Rina Grant	19.06.2007	31.12.2010	chantalh@gecko.wits.ac.za	University of the Witwatersrand	Kruger
86	Hockey PAR	Investigation of possible group breeding by African Black Oystercatchers <i>Haematopus moquini</i> in the Addo Elephant National Park	□To use genetic techniques and observations to attempt to explain the structure and functioning of oystercatcher trios during the breeding season.	Andrew Deacon	20.10.2009	31.01.2010	phil.hockey@uct.ac.za	University of Cape Town	Addo
87	Hoffmann JH	Biological control of <i>Opuntia stricta</i> in Kruger National Park	To carry out post-release evaluation on the biocontrol and quantify impacts on the host plants. To quantify the eventual levels of control that are achieved and to determine how sustainable these are	Llewellyn Foxcroft	29.08.2005	31.12.2010	hoff@botzoo.uct.ac.za	University of Cape Town	Kruger
88	Hofmeyr GJG	Survival of Cape fur seal pups at Black Rocks, Algoa Bay	To monitor the survival of pups returned to Black Rocks	Sam Ferreira	16.10.2008	31.12.2010	greg@bayword.co.za	Bayworld Port Elizabeth Museum	Addo
89	Holdo RM	Linking disturbance and nutrient limitation in tropical savannas: tree-soil-microbial feedbacks in Kruger National Park	To identify the key factors determining N and P limitation at the landscape scale.	Navashni Govender	20.10.2009	31.12.2012	rholdo@ufl.edu	University of Florida	Kruger

90	Holland JD	Mapping the geo-temporal movements of tourists in the Kruger National Park	To model the spatio-temporal movements of tourists to better understand, forecast and optimise their activities.	Louise Swemmer	07.04.2009	31.12.2010	j.d.holland@massey.ac.nz	Massey University	Kruger
91	Hrabar H	Cape mountain zebra female social status - transmission of dominance and the effect on offspring gender	The project aims to update the status report of the sub-species and identify primary determinants of population performance.	Sam Ferreira	01.09.2009	31.12.2011	halszka.hrabar@nmmu.ac.za	Nelson Mandela Metropolitan University	Addo, Camdeboo, Karoo, Mountain Zebra, Tankwa Karoo
92	Huchzermeyer KDA	A causal link between pollution induced lipid autoxidation in fish and development of pansteatitis in crocodiles in the Kruger National Park	To find complimentary, non-lethal parameters that may be used together with the Fish Rapid and the Fish Assemblage Integrity Indexes to allow for accurate, sensitive and early detection of more chronic, sub-lethal pollution episodes before biomagnification	Andrew Deacon	23.06.2009	31.12.2011	aquavet@telkomsa.net	Sterkspruit Veterinary Clinic	Kruger
93	Jacobs DA	Environmental factors influencing the distribution and species richness of bats (Chiroptera) in South Africa, with emphasis on the Northern Cape Province	To undertake a concerted survey of the Northern Cape and to combine these data with that for the rest of South Africa to determine the environmental factors affecting the distributions and richness of bat species in South Africa on a local (within biomes	Andrew Deacon	07.04.2009	31.12.2011	david.jacobs@uct.ac.za	University of Cape Town	Au-grabies, Kalahari Gemsbok, Mokala, Namaqua, Richtersveld and Tankwa
94	Jolles AE	Tuberculosis and gastrointestinal helminths in African buffalo: Dynamics of co-infection and implications for disease control	To investigate the consequences of microparasite-macroparasite interactions for patterns of disease, using African buffalo (<i>Syncerus caffer</i>) co-infected with bovine tuberculosis (BTB, <i>Mycobacterium bovis</i>) and gastrointestinal nematodes as a model system.	Peter Buss	19.02.2008	31.12.2010	anna.jolles@oregonstate.edu	Oregon State University	Kruger
95	Jolles AE	Feline AIDS in free-ranging African Lions (<i>Panthero leo</i>): Pathological effects and coinfection patterns and immune profiles	□To determine age, sex and geographic patterns of FIV prevalence	Peter Buss	24.03.2010	31.12.2012	anna.jolles@oregonstate.edu	Oregon State University	Kruger
96	Jolles AE	Native viral disease interactions with Bovine Tuberculosis in a common host species, African Buffalo (<i>Syncerus caffer</i>)	To evaluate how immune profiles of BTB - and BTB + buffalo relate to RVF and latent FMD infection risk in four laboratory experiments.	Peter Buss	22.04.2010	31.12.2013	anna.jolles@oregonstate.edu	Oregon State University	Kruger
97	Jolles AE	Disease Invasion Dynamics: Brucellosis and Tuberculosis in African Buffalo	To determine what the demographic, immunological and environmental drivers of <i>B. abortus</i> infection patterns in African buffalo.	Peter Buss	22.04.2010	31.12.2013	anna.jolles@oregonstate.edu	Oregon State University	Kruger
98	Jori F	Longitudinal archiving and concurrent capture of Fence Egress Data in the Kruger National Park – USFWS Afe 401	To quantify, extract and digitise stored fence data (paper records e.g. State Veterinary Service Quarterly Reports), creating a dedicated fence database from the archives of the NDA/State Veterinary Service based in Skukuza.	Sam Ferreira	21.01.2009	31.12.2010	ferran.jori@cirad.fr	University of Pretoria	Kruger

99	Jori F	Identification of the causal factors shaping buffalo space use dynamics in the Northern part of Kruger National Park and potential implications for disease spread to neighboring countries of the GLTFCA	□To identify the causal factors of buffalo space use dynamics along the international borders of KNP	Markus Hofmeyr	24.03.2010	31.12.2011	ferran.jori@cirad.fr	University of Pretoria	Kruger
100	Kamath PL	The role of host genetics in susceptibility to anthrax among Burchell's Zebra (<i>Equus burchelli</i>) of Southern Africa	□To investigate the role of host genetics in anthrax susceptibility across individuals and populations of Burchell's zebra (<i>Equus burchelli</i>), the primary host species.	Peter Buss	19.06.2007	31.12.2010	pkamath@nature.berkeley.edu	University of California, Berkeley	Kruger
101	Kearney TC	Inventory of bat species occurring at Pafuri (Makuleke Contractual Park) with a comparison of morphological and molecular identifications, and screening of voucher specimens for viruses	To update the Chiroptera species records in the Pafuri area through active fieldwork with the collection of voucher specimens, tissues and echolocation calls.	Andrew Deacon	01.09.2009	31.12.2010	kearney@nfi.museum	Transvaal Museum	Kruger
102	Keith M	Investigating patterns of sodic patch distribution and change along Nwasitshaka and Sand River Kruger National Park, 1942 and 2007	To investigate patterns of sodic sites in relation to catenal and evapotranspiration hydraulic driven processes, along Nwasitshaka and Sand Rivers at the south of KNP.	Sandra Mac Fadyen	12.05.2009	31.12.2010	mark.keith@wits.ac.za	University of the Witwatersrand	Kruger
103	Kemp-Simmons J	Lion demographic profiles in the southern regions of Kruger National Park	To define population demography of lions across Kruger National Park within the same zones that Ferreira & Funston (2008) sampled in 2005/2006.	Sam Ferreira	24.03.2010	31.12.2015	samf@sanparks.org	Ajubatus (Pty) Ltd	Kruger
104	Kerley GH	Influence of carnivores on the buffalo population in Addo Elephant National Park	□Assessment of the buffalo population in the park. This should include demographics, behaviour and condition, comparing those areas of AENP with and without carnivores.	Angela Gaylard	17.10.2007	31.12.2010	graham.kerley@nmmu.ac.za	Nelson Mandela Metropolitan University	Addo
105	Kerley GH	The impact of co-existing large carnivores on jackal diets in the Eastern Cape, with special reference to the implications for livestock predation	□To assess the overlap of the diet of jackals with associated large carnivores on each reserve (with different carnivore assemblages).	Angela Gaylard	26.01.2010	31.12.2012	graham.kerley@nmmu.ac.za	Nelson Mandela Metropolitan University	Addo
106	Kerry R	Investigating patterns of large mammal herbivore abundance in Kruger National Park using Geostatistical methods	To explore the potential of different geostatistical approaches for creating annual maps of species abundance from transect survey data and GIS layers of environmental variables.	Izak Smit	16.10.2008	31.12.2011	ruth_kerry@byu.edu	Brigham Young University	Kruger
107	Kiker G	Integrated Watershed and River Modeling for Adaptive Learning and Management Case Study: Crocodile River	To establish a catchment level, decision support tool integrating multidisciplinary information within an adaptive decision framework.	Craig McLoughlin	17.06.2008	31.12.2011	gkiker@ufl.edu	University of Florida	Kruger

108	Knapp AK	The role of megaherbivore behavior in driving fire-grazing interactions and grassland community structure: "Comparing processes across continents"	To quantify, in directly comparable ways, ecosystem and community responses to fire and grazing in savanna grasslands of SA and NA, and to identify those ecological processes that are similar, despite differing evolutionary history, herbivore diversity an	Navashni Govender	07.04.2009	31.12.2013	aknapp@lamar.colostate.edu	Colorado State University	Kruger
109	Kok AD	The diversity, species richness and abundance of small mammals that occur at high elevations in the Great Escarpment, South Africa	To address the serious lack of diversity data of small mammals that occur at the higher elevations of the Great Escarpment of South Africa.	Andrew Deacon	23.06.2009	31.12.2010	armandkok@gmail.com	Rhodes University	Karoo, Mountain Zebra
110	Kotschy K	Biodiversity and resilience of riparian vegetation under different management regimes	To test and further develop recently developed methods for measuring resilience in vegetation.	Rina Grant	24.03.2010	31.12.2010	karen@gecko.biol.wits.ac.za	University of the Witwatersrand	Kruger
111	Kotze JDF	A brief project description for consideration by South African National Parks to allow for a survey to be done within park boundaries of woody invasive alien plants	The aim of the project is to update the national map of invasive alien plants known as the Versfeld et al. report (Versfeld et al. 1998).	Llewellyn Foxcroft	17.10.2007	31.12.2012	kotzei@arc.agric.za	Agricultural Research Council	Kruger
112	Kounov A	Low-temperature thermochronological constraints on the formation and evolution of the Orange River Canyon (Augrabies Falls Area)	To perform Fission-track and (U-Th)/He analysis on samples collected along two traverses across the Orange river and along one vertical profile in the canyon.	Hugo Bezuidenhout	07.04.2009	31.12.2010	a.kounov@unibas.ch	Geologisch-Palaontologisches Institut	Augrabies
113	Kovtunovich VN	The diversity of plume moths (Lepidoptera: Pterophoridae, Alucitidae) in north-western parts of South Africa	To build a comprehensive taxonomic knowledge of the plume moth fauna of north-western arid parts of South Africa.	Hendrik Sithole	01.09.2009	31.12.2010	vasko-69@mail.ru	Moscow Society of Nature Explorers	Augrabies, Kalahari, Mokala, Namaqua, Tankwa Karoo, Richtersveld
114	Kruger M	Evaluation of faecal glucocorticoid metabolites in captive white rhinoceros (Ceratotherium simum) to quantify stress levels and the predictive use of results	To provide a diagnostic/predictive tool for conservation managers and caretakers that will enable them to better manage captive rhino in their care.	Peter Buss	19.02.2008	31.12.2010	mariusk@sanparks.org	South African National Parks	Kruger
115	Kruger SC	Satellite tracking of bearded vulture in Southern Africa	To determine the full extent of the breeding and foraging range of both juvenile and adult Bearded Vulture.	Andrew Deacon	01.09.2009	31.12.2012	ckrueger@kznwildlife.com	Ezemvelo KZN Wildlife	Golden Gate
116	Kulmatiski A	Species-specific water budgets across Kruger National Park	To produce species-and-depth-specific water budgets for the dominant plant species across the Kruger National Park.	Izak Smit	01.09.2009	31.12.2012	afak@uaa.alaska.edu	University of Alaska Anchorage	Kruger

117	Le Baron JC	Site formation of Earlier and Middle Stone Age sites in Mapungubwe National Park		Louise Swemmer	17.06.2008	31.12.2010	CRAZY_LE_BARON@YAHOO.COM	University of the Witwatersrand	Mapungubwe
118	Le Bourgeois T	PI@ntInvasive-Kruger: identification and information platform for invasive plants of the Kruger National Park	To contribute towards enhancing conservation of biodiversity in the Kruger National Park and help improve management of invasive plant species.	Llewellyn Foxcroft	01.12.2009	31.12.2013	thomas.le_bourgeois@cirad.fr	Cirad-Université de La Réunion UMR 53	Kruger
119	Lloyd P	Unravelling the contributions of past geological events, climate changes, geography, and life history characteristics to population genetic structure among southern African endemic birds	To investigate how geography, social structure, and past climate and geological changes have influenced population genetic structure across a range of spatial and temporal scales in select southern African endemic bird species.	Andrew Deacon	19.02.2008	31.12.2010	Penn.Lloyd@uct.ac.za	University of Cape Town	Addo, Agulhas, Augrabies, Camdeboo, Karoo, Mountain Zebra, Namaqua
120	Lorentz SA	Analysis of Catena Hydrology within the Herbivore & Fire Exclosures on the Sabie and Letaba Rivers, Kruger National Park	To determine the assessment of the effects of herbivore and fire treatments on catena hydrology.	Rina Grant	08.05.2007	31.12.2010	Lorentz@ukzn.ac.za	University of KwaZulu Natal	Kruger
121	Lunstrum EM	Reorganizing borders, reorganizing mobility: Transfrontier Conservation, Labour migration and the transformation of the Mozambican/South African border	To investigate how and why international borders and borderlands within conservation areas are being reorganized.	Louise Swemmer	07.04.2009	31.12.2011	lunstrum@yorku.ca	York University	Kruger
122	Maciejewski K	Estimating the Value of Landscape Features for Ecotourism	□Determining the value of biodiversity, measured as the 'triple bottom line' in terms of the social, economical and environmental aspects.	Angela Gaylard	24.03.2010	31.12.2011	kristine.maciejewski@nmmu.ac.za	Nelson Mandela Metropolitan University	Addo
123	Mackenzie RJ	Biogeography and systematics of Arctotis (Asteraceae)	□To collect specimens of Arctotis species for morphological and molecular examination to utilise in the taxonomic revision of the genus.	Ernest Daemane	19.08.2008	31.12.2010	robt.mckenzie@gmail.com	Rhodes University	Namaqua
124	Maluleke GL	Rethinking protected area co-management in the Makuleke region, South Africa	□To examine the equality of the co-management agreement (model) between SANParks and the Makuleke community	Louise Swemmer	19.08.2008	31.12.2011	lamsonm@sanparks.org	The Makuleke Community	Kruger
125	Manger PR	A Pilot Study of Rest and Activity Patterns in Free-Ranging African Elephants	To provide an accurate measure of total sleep time in free-ranging elephants.	Sam Ferreira	23.06.2009	31.12.2010	paul.manger@wits.ac.za	University of the Witwatersrand	Addo

126	Mannetti L	Developing a monitoring and evaluation system for sustainable resource use by the Khomani San in the Kgalagadi Transfrontier Park	□To explore the links between the Khomani San's resource relationships and livelihood strategies, towards the development of sustainable resource use levels that are flexible, and that allow for natural variation within the system.	Louise Swemmer	07.04.2009	31.12.2010		University of Stellenbosch	Kalahari
127	Maputla NW	Drivers of leopard population dynamics in Kruger National Park	To develop and validate robust estimates of leopard population densities through calibration and applying camera-trapping and mark-recapture techniques.	Sam Ferreira	17.06.2008	31.12.2012	nmaputla@awfsa.org; nwmaputla@zoology.up.ac.za	African Wildlife Foundation	Kruger
128	Maritz AWA	Kgalagadi Transfrontier Park Raptor Research- and Monitoring Project	To provide recommendations and on-going assessment of management actions directed at maintaining and enhancing raptor populations in the Kalahari-region.	Andrew Deacon	16.10.2008	31.12.2011	abriem@webmail.co.za	Endangered Wildlife Trust	Kalahari Gernsbok
129	Marshall JP	Gradients in rainfall, forage, resource selection and population dynamics in nyala: redicting the consequences of changing climate on large herbivore ecology in Kruger National Park	To initiate a long-term project to investigate changing climate at broader spatial and temporal scales, its effects on resources and habitat, and the consequences of those changes on demography, abundance and distribution of large herbivore species.	Sam Ferreira	07.04.2009	31.12.2010	jason.marshall@wits.ac.za	University of the Witwatersrand	Kruger
130	Masango MG	Assessment of the toxicity of cyanobacteria in the Kruger National Park	□To identify cyanobacteria present in dams in the Kruger National Park.	Danny Govender	20.10.2009	31.12.2011	masangom@arc.agric.za	Agricultural Research Council	Kruger
131	Masubelele ML	Understanding the past to conserve the future: Environmental change in the eastern Karoo Midlands over the last 100 years	To investigate if the major biomes in the eastern Karoo are changing due to global climate change drivers, and how these changes interact with land use practices.	Hugo Bezuidenhout	07.04.2009	31.12.2011	mmoto.masubelele@uct.ac.za	University of Cape Town	Camdeboo
132	Mathieu R	Remote sensing analysis of land-use gradients across the KNP-rural settlement gradient	□To assess the differences that exist in terms of woody biomass, across the Kruger National Park-rural settlement gradie.	Izak Smit	19.02.2008	31.12.2010	rmathieu@csir.co.za	Centre for Scientific and Industrial Research	Kruger
133	Mathieu R	Assessment of polarimetric RADARSAT-2 images for estimation of woody cover and biomass in semi-arid savannas	To investigate the potential of polarimetric RADARSAT-2 products.	Izak Smit	12.05.2009	31.12.2010	rmathieu@csir.co.za	Centre for Scientific and Industrial Research	Kruger
134	Matthee M	Follow-up Investigation of Copper Levels in Impala in the Kruger National Park	To determine whether copper containing dust from Palabora Mining Company enters Kruger National Park.	Danny Govender	12.05.2009	31.12.2011	michelle.matthee@riotinto.com	Palabora Mining Company	Kruger

135	Mawdsley JR	Beetle pollinators of Southern Africa: Survey, host-plant associations and approaches for Pollinator Conservation	☐To study flower pollination by beetles (pollinators).	Hendrik Sithole	07.04.2009	31.12.2012	mawdsley@heinzctr.org	The H. John Heinz III Center for Science, Economics and the Environment	Kruger, Richtersveld and Namaqua
136	Mawdsley JR	Diversity and ecology of the beetle families Carabidae and Cicindelidae (Insecta: Coleoptera) in Kruger National Park, with assessment of the effects of prescribed fire and large vertebrate exclosures on carabid and cicindelid beetle assemblages	To compile ecological data and develop predictive habitat models that can be used to manage rare or protected species in the beetle families Carabidae and Cicindelidae.	Hendrik Sithole	03.03.2009	31.12.2013	mawdsley@heinzctr.org	The H. John Heinz III Center for Science, Economics and the Environment	Kruger
137	Mayne DH	An investigation into age, impact of climate change and reconstruction of the paleo-climate in four large baobabs (Adansonia digitata L.) in comparative areas: The Kruger National Park, Limpopo National Park, Mozambique and Mapungubwe National Park, South	☐Age determination of the investigated baobabs	Michele Hofmeyr	24.03.2010	31.12.2011	baobab@icon.za	Private Researcher	Kruger, Mapungubwe
138	McLoughlin CA	Operationalising biodiversity Thresholds of Potential Concern for effective science-management links in the river management domain within the Kruger National Park	To investigate how to improve the environmental assessment component of Strategic Adaptive Management in Kruger.	Craig McLoughlin	08.04.2008	31.12.2011	craigm@sanparks.org	University of the Witwatersrand	Kruger
139	Meskill L	Archaeology and Cultural Heritage in Mapungubwe National Park	☐To examine the iniquities of past research based at Mapungubwe.	Louise Swemmer	22.01.2008	31.12.2012	lmeskill@stanford.ed	Stanford University	Mapungubwe
140	Midzi S	Human-lion interactions in rural South African communities bordering the northern Kruger National Park	☐To define the general factors associated with human-lion conflicts through a literature review.	Sam Ferreira	04.12.2008	31.12.2010	StephenMi@sanparks.org	South African National Parks	Kruger
141	Miller M	Evaluation of hematologic and biochemical parameters in free-ranging elephants and translocated and boma-confined rhinoceros	☐To establish basic physiological blood values for elephants and white rhino in KNP using blood samples collected during routine management procedures.	Peter Buss	07.04.2009	31.12.2011		Palm Beach Zoo	Kruger
142	Miller M	Effects of Acid-Base, Electrolyte, Energy, and Cardio-Respiratory Imbalances during Capture and Confinement on Boma Adaptation in White Rhinoceros (Ceratotherium simum)	To enhance the understanding of physiological changes that occur during capture, immobilization, and transition to boma adaptation from the free-ranging state in white rhino so that preventative measures can be implemented to minimize imbalances resulting	Peter Buss	20.10.2009	31.12.2012	mmiller@palmbeachzoo.org	Palm Beach Zoo	Kruger
143	Miller M	Evaluation of rapid field serologic test for TB detection in multiple species in Kruger National Park	☐To retrospectively test stored biological samples of each of the target species (elephant, white rhino, lion, leopard and buffalo) for bTB antibodies using the Elephant TB STAT-PAK® and DPP®, and validate these test results using other available data suc	Peter Buss	07.04.2009	31.12.2013	mmiller@palmbeachzoo.org	Palm Beach Zoo	Kruger

144	Miller M	Validation and Application of Blood-Based Field Test for Evaluating Tuberculosis in Lions	Hypothesis: The Chembio Diagnostics Elephant TB STAT-PAK and Dual Platform Pathway (DPP) tests can be used as practical field screening tools to determine the status of lions infected with tuberculosis.	Peter Buss	26.01.2010	31.12.2016	mmiller@palmbeachzoo.org	Palm Beach Zoo	Kruger
145	Mills MGL	Behavioural ecology and conservation biology of the cheetah in the Kgalagadi Transfrontier Park	□To identify the ecological role, behavioural adaptations, demographic parameters, conservation status and threats to the cheetah in the southern Kgalagadi ecosystem.	Sam Ferreira	24.04.2006	31.12.2011	gusm@sanparks.org	South African National Parks	Kalahari Gemsbok
146	Minnaar H	Composition and evolution of the Proterozoic Vioolsdrif Batholith (Orange River Group and Vioolsdrif suite), Northern Cape and southern Namibia	To identify individual subunits and compile a final nomenclature for the batholith as well as to identify their relation to each other.	Hugo Bezuidenhout	16.10.2008	31.12.2011	hminnaar@geoscience.org.za	Council for Geoscience	Richtersveld
147	Moncrieff GR	Browser limitation of tree growth and woodland establishment in savannas by megaherbivore browsers	To determine the extent to which giraffe browsing limits tree growth by measuring tree growth rates in the absence and presence of giraffe browsing at different intensity levels.	Ernest Daemane	16.10.2008	31.12.2011	glennwithwons@gmail.com	University of Cape Town	Kruger
148	Morar D	Optimization and evaluation of interferon-gamma (IFN-g) ELISAs for rhinoceroses	□To optimize and evaluate the recombinant IFN-g ELISAs in rhinoceroses for the diagnosis of M. bovis and M. tuberculosis infections.	Peter Buss	24.03.2010	31.12.2011	darshana.morar@up.ac.za	University of Pretoria	Kruger
149	Morgenthal TL	The quantification of monthly and annual biomass production using high resolution remote sensing data within the grassland and Nama-Karoo biomes of the Eastern Cape	□To determine the seasonal above ground production of grasses within semi-arid grasslands utilized by a mixture of grazers.	Izak Smit	01.09.2009	31.12.2012	theunis.morgenthal@agr.ecprov.gov.za	Eastern Cape Department of Agriculture	Mountain Zebra
150	Munro JK	Integrated Management of Iconic National Parks: A Comparative Study	To develop a framework for analysing the sustainability of park management in its existing social context (explore ecological and social connections (including economic interests) in park management).	Louise Swemmer	24.10.2006	31.12.2010	juj51@hotmail.com	Murdoch University	Kruger
151	Munyati C	A Spatial and Temporal Analysis of Woody Vegetation Patterns in Kruger National Park Using Remote Sensing and GIS Techniques	To establish whether there are long term spatial and temporal patterns to woody vegetation cover in KNP and to relate any such changes to fire frequency and large herbivore densities.	Izak Smit	01.12.2009	31.12.2010	cmunyati@csir.co.za	Centre for Scientific and Industrial Research	Kruger
152	Murn C	Ecological characteristics of the White-headed Vulture Trionoceps occipitalis in southern Africa	To develop a predictive model of occurrence and understand how WhVs integrate with ecosystem diversity and dynamics.	Andrew Deacon	19.02.2008	31.12.2012	campbell@hawkconservancy.org	The Hawk Conservancy Trust	Kruger

153	Musengezi J	Agro-Pastoral and Tourism land use alternatives and tradeoffs in South Africa	To evaluate the tradeoffs between agro-extractive (i/e livestock and agriculture) and bio-experience (ie. Tourism and hunting) land use enterprises.	Louise Swemmer	07.04.2009	31.12.2010	musengezi@ufl.edu	ChemBio Diagnostic Systems Inc.	Kruger
154	Musinguzi D	The impacts of ecotourism on the communities of Alldays and Musina: Developing and operationalising a comprehensive monitoring framework	To examine local residents' perceptions and their reactions towards tourism and its impacts.	Louise Swemmer	26.01.2010	31.12.2011	08900057r@polyu.edu.hk	The Hong Kong Polytechnic University	Mapungubwe
155	Mutanga O	Vegetation Resources Quantification: Scale issues and the effect of confounding variables	The main goal of this research is to improve upon techniques that can be used to estimate biomass to an acceptable accuracy level.	Izak Smit	25.04.2005	31.12.2010	mutangao@ukzn.ac.za	University of KwaZulu Natal	Kruger
156	Nel G	Use of a Geographic Information System in community based conservation: the Khomani San monitoring & evaluation utilisation project in the Kgalagadi Transfrontier Park	How could a GIS play a practical role in man and nature integration within the context of the Khomani San and the ideal of sustainable plant harvesting in the contract park?	Louise Swemmer	01.09.2009	31.12.2010		University of Pretoria	Kalahari Gemsbok
157	Nippert J	Patterns and ecosystem consequences of Mopane expansion in South Africa	□To determine the key environmental drivers that limit the distribution of Mopane.	Tony Swemmer	01.12.2009	31.12.2013	nippert@ksu.edu	Kansas State University	Kruger
158	Nowell TL	Morphology, phylogeography, and ecology of the varieties Cotyledon orbiculata (Crassulaceae)	To investigate differentiation and potentially cryptic speciation processes in the succulent plant Cotyledon orbiculata, using analyses of population level molecular, morphological and ecological data.	Ernest Daemane	16.10.2008	31.12.2011	nowell@sanbi.org	South African National Biodiversity Institute	Golden Gate
159	Nyahunzvi D	Understanding the perceptions of Kruger National Park stakeholders towards the process of integrating conservation, development and sustainable tourism through commercialisation	□To analyse the implications of SANParks' commercialisation strategy for the goal of integrating conservation, development and sustainable tourism following the modern conservation paradigm.	Louise Swemmer	21.01.2009	31.12.2011	nyadz792@student.otago.ac.nz	University of Otago	Kruger
160	Osborne HB	Aardvark Burrows in South Africa: How many are there, where are they, and who is using them?	To determine the density and distribution of aardvark burrows across a range of habitats.	Andrew Deacon	08.04.2008	31.12.2010	hosbor3@uic.edu	University of Illinois at Chicago	Mapungubwe
161	Owen-Smith N	Functional ecosystem heterogeneity and herbivore population abundance	To establish the location and nature of the food resources exploited by wildebeest and zebra over the seasonal cycle, and how resource exploitation is affected by the risk of predation, and the consequences for local abundance levels.	Sam Ferreira	16.10.2008	31.12.2012	Norman.Owen-Smith@wits.ac.za	University of the Witwatersrand	Kruger

162	Parent G	Livelihood vulnerability in ecosystems at risk of emergent animal diseases	To build robust economic models of livelihood options available to various rural communities in the GLTFCA.	Louise Swemmer	07.04.2009	31.12.2010	gparent@ufl.edu	University of Florida	Kruger
163	Parr CL	Burning for Biodiversity: faunal responses to fire	To investigate how faunal responses to repeated fire events vary across savannas along a rainfall gradient.	Hendrik Sithole	17.10.2007	31.12.2010	kate.parr@ouce.ox.ac.uk	Oxford University	Kruger
164	Penteriani V	The juvenile dispersal of Martial Eagles (Polemaetus bellicosus) and characteristics of the assemblages of large raptor populations in the Kruger National Park	To collect novel information on space use and movement patterns of dispersing eagles; and location of settlement areas used by juvenile during dispersal by marking dispersing juveniles of Martial Eagles (Polemaetus bellicosus) with satellite radiotags.	Andrew Deacon	22.01.2008	31.12.2010	penteriani@ebd.csic.es	Spanish Council of Scientific Research	Kruger
165	Petersen R	Investigating the relationship between rainfall, surface-water and groundwater within the Kruger National Park	To gain an initial understanding of the groundwater system and its interaction with surface-water and rainfall.	Izak Smit	22.04.2010	31.12.2011	robinp@sanparks.org	South African National Parks	Kruger
166	Picard JA	The role of perennial rivers in the dissemination of antimicrobial resistant enteric bacteria to impalas in the Kruger National Park	□To monitor for emerging AMR in an ecological system not known to be under any antimicrobial pressure.	Danny Govender	20.10.2009	31.12.2010	jackie.picard@up.co.za	University of Pretoria	Kruger
167	Pichegru L	Monitoring the effect of closing to fishing areas around African penguin breeding colonies in Nelson Mandela Bay	To determine the effect of closing to fishing areas around some African penguin (Spheniscus demersus) colonies.	Angela Gaylard	08.04.2008	31.12.2012	lorien.pichegru@uct.ac.za	University of Cape Town	Addo
168	Pichegru L	Impact of Kelp gull predation on the breeding success of the African penguin population breeding on Bird Island, Nelson Mandela Bay	To estimate the impact of kelp gull predation on the breeding success of a vulnerable population of African penguins.	Angela Gaylard	26.01.2010	31.12.2012	lorien.pichegru@uct.ac.za	University of Cape Town	Addo
169	Pienaar DJ	Demographic and spatial dynamics of crocodiles in the Letaba-Olifants River system of Kruger National Park	□To establish a demographic and spatial profile of crocodiles in different reaches of the Letaba-Olifants Rivers Systems.	Danny Govender	07.04.2009	31.12.2011	dpienaar@sanparks.org	South African National Parks	Kruger
170	Pienaar JJ	Long-term spatial and temporal deposition of biogeochemically important trace species over southern Africa (DEBITS)	The study of wet and dry deposition of biogeochemically important trace species to the earth's surface depositions allows determining the temporal and spatial evolution of atmospheric chemistry and is a pertinent indicator to evaluate natural and anthropo	Navashni Govender	08.05.2007	31.12.2012	Kobus.Pienaar@nwu.ac.za	North-West University	Kruger

171	Pincott S	Detecting changes in elephant behaviour, social interactions and demographics in Addo	To detect shifts in elephant behaviour, social structure and demographics through high level monitoring in Addo Elephant National Park.	Angela Gaylard		31.12.2012	sharon.pincott@nmmu.ac.za	Nelson Mandela Metropolitan University	Addo
172	Priyadarshini KVR	Role of tree roots in water redistribution and nutrient acquisition, and their influence on tree-grass interactions in dry tropical savannas	□To examine root architecture of different savanna trees (evergreen & deciduous trees) in arid & semi-arid savannas.	Ernest Daemane		31.12.2011	swoodbor@csir.co.za	Wageningen University	Kruger
173	Ramoelo A	Predicting consumption of resources along gradients of nutrients and moisture	To quantify to what extent competing claims on natural resources are based on the quality and quantity of those resources in southern Africa along gradients-or contrasting areas-of moisture and nutrients.	Izak Smit	04.12.2008	31.12.2011	aramoelo@csir.co.za	Centre for Scientific and Industrial Research	GLTP
174	Reid-Hresko J	Examining the perceptions of HIV/AIDS upon the Wildlife Conservation Training Establishment in South Africa and Tanzania: A Comparative Ethnography	To examine how conservation practitioners in southern and eastern Africa perceive HIV/AIDS to be affecting the conservation establishment.	Louise Swemmer	12.05.2009	31.12.2010	john.reid-hresko@colorado.edu	University of Colorado, Boulder	Kruger
175	Reinhardt CF	Interference potential of invasive alien plants with indigenous plant species in the Kruger National Park: Parthenium hysterophorus as a case study	To develop an understanding of the invasion and interference dynamics of a potential serious invader species in KNP and SA	Llewellyn Foxcroft	24.10.2005	31.12.2010	creinhard@bioagric.up.ac.za	University of Pretoria	Kruger
176	Richman LK	Are African elephants the natural endogenous hosts of Elephant Endotheliotropic Herpesviruses (EEHV)?	□To determine if wild African elephants naturally carry EEHV viruses in skin, vestibular and lung lesions.	Peter Buss	22.04.2010	31.12.2012	richmanl@comcast.net	Smithsonian's National Zoo	Kruger
177	Robertson HG	Systematics and biogeography of selected National Parks ants in southern Africa	□To understand evolutionary radiation of ants by studying detailed information on their morphology, molecules, phylogenetic and biogeography.	Hendrik Sithole	04.12.2008	31.12.2013	hrobertson@iziko.org.za	Iziko Museums of Cape Town	Augrabies, Camdeboo, Golden Gate, Kalahari Gemsbok, Karoo, Mokala, Mountain Zebra
178	Roux J	A study of the potential fungal pathogens of trees in Kruger National Park, with particular focus on Terminalia species	To identify tree pathogens and potential tree pathogens in the Kruger National Park (KNP).	Thembi Khoza	24.03.2010	31.12.2010	jolanda.roux@fabi.up.ac.za	University of Pretoria	Kruger
179	Rymer P	The role of pollination biology and evolutionary ecology for rapid speciation in biodiversity hotspots	The project aims to establish long-term site to monitor the reproduction, growth and survival of Gladiolus longicollis plants.	Ernest Daemane	19.08.2008	31.12.2012	p.rymer@imperial.ac.uk	Imperial College, London	Addo, Golden Gate

180	Samra NA	Epidemiology of selected zoonotic diseases at the wildlife-livestock interface in the western boundaries of the Kruger National Park	To assess the risk of the transmission of selected zoonotic diseases from livestock to human in the livestock-wildlife interface area around the Kruger National Park.	Peter Buss	08.04.2008	31.12.2010	nada.nada@gmx.de	University of Pretoria	Kruger
181	Sankaran M	Long-term tree dynamics in KNP: Integrating spatial structure, plant demography and disturbance	□To quantify how spatial structure and local neighborhoods influences tree recruitment, growth and mortality in response to episodic rainfall events in savannas, and how the nature of such interactions changes across gradients of rainfall, fire, herbivory	Rina Grant	14.08.2007	31.12.2010	samways@sun.ac.za	University of Stellenbosch	Kruger
182	Schmullius CC	SARvanna – SAR-Mapping of Savanna Vegetation Structure	To develop an operational methodology using radar (or jointly radar and optical) satellite sensors to map and (in the future) monitor the savanna vegetation structure in Kruger National Park and its surrounding environments.	Izak Smit	24.03.2010	31.12.2012	c.schmullius@uni-jena.de	Friedrich-Schiller-University	Kruger
183	Schoeman MH	Excavating Mphengwa and Mmadithapa's Narratives: Archaeological Research at Leokwe and Nyindi Hills	To contribute to the understanding of what happened after the state of Mapungubwe fell, and what occupations existed afterwards.	Louise Swemmer	07.04.2009	31.12.2011	alex.schoeman@up.ac.za	University of Pretoria	Mapungubwe
184	Schulte BA	African Elephant Chemosignals and Conservation	To evaluate whether responses to chemosignals can re-arrange elephant spatial use and potentially elephant impacts.	Sam Ferreira	03.03.2009	31.12.2012	bschulte@georgiasouthern.edu	Georgia Southern University	Addo
185	Scogings PF	Diet selection of impala in relation to physical/chemical traits of woody species at the Nkuhlu Enclosures	To investigate the responses of impala to woody plant defences by addressing the question of whether impala are attracted to footslope species because the plants are more nutritious, or are they attracted to these areas to avoid predation.	Rina Grant	16.10.2008	31.12.2011	pscoging@pan.uzulu.ac.za	University of Zululand	Kruger
186	Scogings PF	Effects of browsing and season on defence and growth of selected woody species at the Nkuhlu enclosures	To determine the variations in physical and chemical traits among species of browse, as affected by variations in herbivory, fire and resource availability (seasons and soils) at the Nkuhlu enclosure.	Rina Grant	08.04.2008	31.12.2012	pscoging@pan.uzulu.ac.za	University of Zululand	Kruger
187	Senekal C	Genetic mapping of leopards (Panthera pardus) across their South African distribution range	To identify whether regional differences do occur within the South African leopard metapopulation and whether or not the question of genetic alteration brought about by relocation can be potentially degrading to certain populations which may display genet	Johan Malan	08.05.2007	31.12.2010	csenekal@worldonline.co.za	University of Stellenbosch	Kruger
188	Seydack AHW	Towards improved understanding of the population dynamics of marula (Sclerocarya birrea), with specific focus on the capacity of the species to persist in the Kruger National Park	The purpose of this study is to attempt to disentangle the relative effects of fire, herbivory or climate may have on the persistence of marula, especially regarding the adequacy of recruitment into the large-tree cohorts.	Ernest Daemane	04.12.2008	31.12.2010	Armins@sanparks.org	South African National Parks	Kruger

189	Shrestha AK	Living on the edge: In search of physiological and behavioural determinant of the distribution boundary dynamics of tropical ungulates in South Africa	This study aims to understand how animal's poorly adapted to cold, manage to exist in colder areas and what the associated costs if any are?	Rina Grant	19.06.2007	31.12.2010	anil.shrestha@wur.nl	Wageningen University	Mapungubwe
190	Sieben EJJ	Reconnaissance survey of wetlands in Golden Gate Highlands National Park	To find out about every wetland inside the park that has substantial populations of helophytic clonal sedges.	Ernest Daemane	01.09.2009	31.12.2012	siebenej@qwa.uovs.ac.za	University of Free State, Qwaqwa Campus	Golden Gate
191	Sieben EJJ	Monitoring grasslands for management purposes in the Golden Gate Highlands National Park	The objective is to get every year about 5 relevés of vegetation data from a site in the former Qwaqwa National Park, which may eventually result in a vegetation map or a time series of grassland vegetation samples.	Ernest Daemane	01.09.2009	31.12.2012	siebenej@qwa.uovs.ac.za	University of Free State, Qwaqwa Campus	Golden Gate
192	Siebert F	Spatial and temporal vegetation and floristic change along a section of the Sabie River in the Kruger National Park after the 2000 flood: A comparison with pre-flood vegetation data	To further assess the dynamics in vegetation response (both temporal and spatial shifts in plant assemblages) along a section of the Sabie River	Hugo Bezuidenhout	01.09.2009	31.12.2011	Frances.Siebert@nwu.ac.za	North-West University	Kruger
193	Sigwela AM	Rehabilitation of degraded thicket in the Darlington Area, Addo Elephant National	The hypothesis of the Working for Woodlands program is that it is possible to address South Africa's rural unemployment, poverty, and environmental degradation simultaneously and sustainably through a programme that integrates the restoration of natural c	Ernest Daemane	19.02.2008	31.12.2010	nyathi@ecol.co.za	Rhodes Restoration Research Group	Addo
194	Slotow R	Developing thresholds of concern for large trees in KNP	□To quantify the rate that large trees are utilised/impacted by elephant and other agents (fire, drought, browsers) along representative transects.	Rina Grant	19.08.2008	31.12.2012	slotow@ukzn.ac.za	University of KwaZulu Natal	Kruger
195	Slotow R	Spatial demography: implications for management	□To understand the spatial ecology of female elephant herds.	Sam Ferreira	21.01.2009	31.12.2013	slotow@ukzn.ac.za	University of KwaZulu Natal	Kruger
196	Smit IPJ	Effects of fire-frequency, -season and -intensity on woody vegetation structure in different rainfall and geologically defined landscapes	To investigate the effect of fire-frequency, -season and -intensity on woody vegetation structure in the Kruger National Park (KNP).	Navashni Govender	19.02.2008	31.12.2010	izaks@sanparks.org	South African National Parks	Kruger
197	Smit IPJ	Assessing the perceptions of a varied group of stakeholders regarding the desired state for Sundays Spekboom Thicket in Addo Elephant National Park for integration with field and remote sensing measurements	Independently and anonymously assess the level of agreement (within and between) scientists, managers and farmers regarding the desired state of SST in AENP	Izak Smit	24.03.2010	31.12.2011	izaks@sanparks.org	South African National Parks	Addo

198	Smit IPJ	Long term groundwater Level monitoring in Mapungubwe National Park	To obtain hyper temporal, long term groundwater level trends in both the alluvial and rock aquifers of MNP.	Izak Smit	22.04.2010	31.12.2015	izaks@sanparks.org	South African National Parks	Mapungubwe
199	Smit NJ	Conservation of tigerfish, <i>Hydrocynus vittatus</i> , in the Kruger National Park with the emphasis on establishing the suitability of the water quantity and quality requirements for the Olifants and Luvuvhu rivers	To determine the current distribution of tigerfish within the Olifants and Luvuvhu rivers in KNP.	Andrew Deacon	07.04.2009	31.12.2012	nicos@uj.ac.za	University of Johannesburg	Kruger
200	Spear D	Testing an indicator of alien species status and management in national parks in South Africa	To scale the indicators: number of IAS and number of IAS with management plans to the resolution of national parks. In doing so, the researcher will both test the application of the global indicator at a sub-national scale, and modify it where necessary f	Llewellyn Foxcroft	03.03.2009	31.12.2010	dspear@sun.ac.za	University of Stellenbosch	SANParks
201	Stam EM	Monitoring of growth, recruitment and elephant damage of Marula trees inside and outside the Nkuhlu and Makhohlola exclosures in the Kruger National Park	□To improve the knowledge base for the development of TPC's by adding a component of simulation modelling.	Rina Grant	21.01.2009	31.12.2010	ed@nzg.ac.za	National Zoological Gardens of South Africa	Kruger
202	Staver AC	Trees and grass responses to climate-soil-disturbance interactions	To re-evaluate grass growth rates and tree population growth along rainfall and soil nutrient gradients using the Veld Condition Assessment dataset.	Navashni Govender	01.12.2009	31.12.2012	astaver@princeton.edu	Princeton University	Kruger
203	Stevens N	Monitoring range expansion of <i>Colospermum mopane</i> predicted by climate change models	□To detect and track any change in the distribution of <i>C. mopane</i> along the southern and south-western boundary of its distribution in the Lowveld region.	Tony Swemmer	07.04.2009	31.12.2013	nikki@saeon.ac.za	SAEON	Kruger
204	Stoeger-Horwath AS	The vocal behaviour of African elephants and possible implications for conservation	To define the call repertoire of elephants in Addo	Sam Ferreira	21.01.2009	31.12.2014	a.stoeger-horwath@zoovienna.at	University of Vienna	Addo
205	Strathie LW	Biological control of <i>Parthenium hysterophorus</i> , pre- and post-release studies	□To promote an understanding and predictive capacity of the dynamics of invasive alien species and integrate short-term practical and strategic long-term research by investigating and quantifying alien plant seed banks and seed dormancy.	Llewellyn Foxcroft	07.04.2009	31.12.2013	strathiel@arc.agric.za	Agricultural Research Council	Kruger
206	Struwig M	A systematic study of <i>Commicarpus Standl.</i> in southern Africa	To fully understand the systematics and phylogeny, as well as the biogeographical pattern of the <i>Commicarpus</i> genus in the southern African region.	Ernest Daemane	01.09.2009	31.12.2010	madeleen.struwig@nwu.ac.za	North-West University	Kruger, Mapungubwe

207	Strydom NA	Spatio-temporal dynamics of reef fish recruitment in the proposed Addo Elephant National Park Marine Protected Area	Quantify larval and juvenile fish assemblages and how these vary in relation to habitat type, seasonality, study area region and adult reef fish communities.	Andrew Deacon	01.12.2009	31.12.2012	nadine.strydom@nmmu.ac.za	Nelson Mandela Metropolitan University	Addo
208	Tarrant J	Conservation assessment and sustainable conservation plans for threatened South African frogs, with a focus on the potential impact of chytridiomycosis infection	To accumulate data on chytrid infection in populations of South African frogs and to determine what, if any, impacts this pathogen is having, particularly in relation to other environmental stressors/threats.	Andrew Deacon	19.08.2008	31.12.2010	jeanneberkeljon@yahoo.co.uk	North-West University	Agulhas, Namaqua, Richtersveld, Table Mountain, Tsitsikama
209	Terblanche JS	The evolution of insect gas exchange	To assess oxygen damage – water maintenance tradeoffs in <i>Circellium bacchus</i> by altering ambient gas conditions from controlled normoxic, normocapnic and intermediate humidity to either high or low oxygen, high or low moisture, elevated carbon dioxide, or	Hendrik Sithole	22.04.2010	31.12.2012	jst@sun.ac.za	University of Stellenbosch	Addo
210	Thondhlana G	Dryland Parks and indigenous people in South Africa: Livelihood values and opportunities for conservation: The case of Kgalagadi Transfrontier Park	To investigate access to and the total value of dryland natural resources to local Khomani San and Mier communities, and the implications for Kgalagadi Transfrontier Park management.	Louise Swemmer	07.04.2009	31.12.2011		Rhodes University	Kalahari
211	Trollope WSW	Effects of point versus perimeter ignitions on fire mosaics in the Kruger National Park	□To study the effect of control fires applied as point ignitions versus perimeter ignitions on the resultant fire mosaic, and to determine the effect of size of burn on fire mosaic patterns.	Navashni Govender	22.04.2010	31.12.2012	winfire@procomp.co.za	University of Fort Hare	Kruger
212	Underhill LG	The Southern African Butterfly Conservation Assessment (SABCA)	The aim of SABCA is to increase understanding of the diversity and distribution of butterflies in the atlas region, and thereby to provide for effective conservation assessment and planning.	Hendrik Sithole	14.08.2007	31.12.2011	Les.Underhill@uct.ac.za	University of Cape Town	Kruger
213	Underhill LG	Southern African Bird Atlas Project 2	To improve understanding of the diversity and distribution of the birds of South Africa, Lesotho and Swaziland by building a time-series regional distributional database as a baseline for the monitoring of birds under environmental change.	Andrew Deacon	07.04.2009	31.12.2011	les.underhill@uct.ac.za	University of Cape Town	Addo, Au-grabies, Bontebok, Camdeboo, Golden Gate Highlands, Karoo, Kalahari
214	Van Aarde RJ	Population demography of elephants in the Kruger National Park	To use a Rapid Elephant Population Assessment technique to estimate the age at first calving and calving intervals, construct an age distribution, estimate survival rates, and predict intrinsic population growth rate.	Sam Ferreira	03.03.2009	31.12.2010	rjvaarde@zoology.up.ac.za	University of Pretoria	Kruger
215	Van Aarde RJ	The role of science in elephant management decisions in South Africa	To evaluate the current extent to which elephant managers, a distinct and policy directed science-end-user group, incorporate science derived-findings into on the ground place-based management decisions for elephants, and their impacts on their habitats.	Sam Ferreira	16.10.2008	31.12.2012	rjvaarde@zoology.up.ac.za	University of Pretoria	Addo Elephant, Kruger, Mapungubwe and Marakele National Parks

216	Van Coeverden De Groot PJ	Conservation Genetic Studies of the Kruger National Park Black and White Rhinoceroses	To use genetic data to characterize genetic structure and establish and bank cell cultures as renewable sources of genetic material and to facilitate African rhino genomics studies.	Peter Buss	16.10.2008	31.12.2012	degrootp@queensu.ca	Queens University	Kruger
217	Van den Hoven M	The population size of Saddlebilled Storks in the Kruger National Park	To determine the current population size of Saddlebilled Storks in the Kruger National Park through establishing a population register database for these birds in the KNP.	Andrew Deacon	23.06.2009	31.12.2012	reservations@drakenzicht.co.za	Tshwane University of Technology	Kruger
218	Van der Bank M	DNA barcoding of the Kruger National Park's flora for conservation and biodiversity	To promote rapid and inexpensive species identification by using DNA barcoding as a diagnostic technique.	Michele Hofmeyr	07.04.2009	31.12.2010	mvdbank@uj.ac.za	University of Johannesburg	Kruger
219	Van der Walt K	Millenium seed bank project	To make seeds available for conservation in the wild and for research.	Michele Hofmeyr	01.09.2009	31.12.2010	vanderwalk@sanbi.org	South African National Biodiversity Institute	Kruger, Marakele, Mapungubwe
220	Van der Walt K	Population Biology and Ecology of Adenium swazicum, a critically endangered succulent from the Delagoa Lowveld vegetation type	□To determine the population biology and ecology of all subpopulations of Adenium swazicum over a two year time period, and to develop a management plan for in situ as well as ex situ conservation.	Michele Hofmeyr	03.03.2009	31.12.2011	vanderwalk@sanbi.org	South African National Biodiversity Institute	Kruger
221	Van Helden PD	Modelling predator-predator population dynamics in the context of TB	To develop and evaluate a mathematical model which will model populations of predators and expected changes.	Peter Buss	03.03.2009	31.12.2010	pvh@sun.ac.za	University of Stellenbosch	Kruger
222	Van Sandwyk JHdT	Prevalence and genetic diversity of rodent-associated Cardioviruses in the Kruger National Park	To determine the prevalence and genetic diversity of Cardioviruses in Murid rodents in the Kruger National Park, in order to provide baseline information that will assist in determining the source of infection in the event of spill-over of the virus betwe	Peter Buss	08.04.2008	31.12.2010		University of Pretoria	Kruger
223	Van Staden PJ	A phytosociological study of the Marakele National Park and Marakele Park (Pty) Ltd in the Limpopo Province, South Africa	To undertake a phytosociologica study of the vegetation in Marakele NP and the contractual section Marakele Park (Pty) Ltd and to identify and describe the different plant communities occurring in Marakele NP and Marakele Park (Pty) Ltd.	Ernest Daemane	17.06.2008	31.12.2010	pietvs@telkomsa.net	Ecological & Environmental Services	Marakele
224	Van Vollenhoven AC	A historical and archaeological investigation of the cultural remains of the different outposts of the Steinaecker's Horse military unit in the KNP	The collection of historical information in connection with Colonel Ludwig von Steinaecker amd his military unit, Steinaecker's Horse.	Louise Swemmer	25.04.2005	31.12.2010	antonVV@tshwane.gov.za	Archaetnos	Kruger

225	Van Zyl LG	Spatial use of roan antelope released from breeding camps compared to free ranging herds in the Kruger National Park	□To define the spatial use of released and free-ranging roan before and after releases through an evaluation of home range sizes and the intensity of use in home ranges.	Sam Ferreira	04.12.2008	31.12.2011	lourensv@cleanstream.co.za	Terra Soil Science	Kruger
226	Vanak AT	Relating elephant space use to changes in large tree utilization patterns	To integrate models of elephant space use and large tree dynamics with demographic trends in elephant population number.	Sam Ferreira	01.09.2009	31.12.2010	slotow@ukzn.ac.za	University of KwaZulu Natal	Kruger
227	Venter JA	The ecology and distribution of the Southern barred minnow in Southern African River Systems	□To provide ecological, biological and distribution data on the species.	Andrew Deacon	25.04.2005	31.12.2010	Jan.Venter@ecparks.co.za	Eastern Cape Parks	Kruger
228	Vermeulen C	Effects of co-administration of monoamine ligands on opioid-induced respiratory depression in immobilized impala	To determine whether, in wild ungulates (impala), the co-administration of either serotonergic ligands or alpha-adrenergic antagonists with an opioid will prevent or reduce the adverse cardio-respiratory effects associated with opioid immobilization and so	Peter Buss	17.06.2008	31.12.2010		University of the Witwatersrand	Kruger
229	Vermeulen JG	The origin and taxon determination of fauna and flora by means of trace element and isotope chemistry	To develop a database using isotope analyses for both rhino and elephant to help determine the species as well as the origin of the ivory for forensic purposes.	Karen Van Rooyen	17.06.2008	31.12.2010		South African Police Services	Kruger
230	Viles HA	Weathering of Clarens sandstone and its implications for geomorphology and San Rock Art conservation in the Golden Gate Highlands National Park	To use a range of innovative field techniques to provide insights into the influence of moisture and weathering on landscape development and rock art at the Golden Gate Highlands National Park.	Hugo Bezuidenhout	03.03.2009	31.12.2010	heather.viles@ouce.ox.ac.uk	University of Oxford	Golden Gate
231	Vlok W	An assessment of the current distribution and biodiversity of the wetland associated amphibians of the Kruger National Park and an investigation of the physical and chemical factors, including acid rain, affecting their distribution and reproductive biolo	To determine the current distribution of amphibians in the different wetland systems (pans) and the major river basins of the KNP.	Andrew Deacon	07.04.2009	31.12.2012	wynand.vlok@gmail.com	Private Researcher	Kruger
232	Welgemoed D	Development of an atlas of animal haemoglobins by High Performance Liquid Chromatography (HPLC)	□The main purpose of the project is to produce a comprehensive ATLAS of animal Hb pictures, statistic analysis that has never been seen or done before.	Peter Buss	14.08.2007	31.12.2010	dwelge@medunsa.ac.za	University of Limpopo	Kruger
233	Wenger S	Comparison of butorphanol-medetomidine-midazolam and butorphanol-medetomidine-azaperone for use in the immobilization of free-ranging lions	To compare the combination of butorphanol-medetomidine-midazolam with butorphanol-medetomidine-azaperone as potential combinations of drugs for the effective immobilization of free-ranging lions.	Peter Buss	07.04.2009	31.12.2012	swinder@vetclinics.uzh.ch	University of Zurich	Kruger

234	Wigley BJ	Plant trait responses to browsing: beyond-species insights of the controls on savanna landscapes and new tools for local and global predictive modelling	To explore plant functional traits as a means of predicting plant responses to disturbance (browsing and fire) and their environment in different savanna parks.	Navashni Govender	23.06.2009	31.12.2012	benjamin.wigley@uct.ac.za	University of Cape Town	Addo, Kruger, Mapungubwe & Marakele
235	Winkelmann J	Sonar sampling of insectivorous bat species in KNP	<input type="checkbox"/> To test hypotheses surrounding how insectivorous bats use water sources during the dry season and discern the long-term strategies for the Park in terms of water availability to insectivorous bats during the dry season in light of anticipated climate med	Andrew Deacon	07.04.2009	31.12.2011	jwinkelm@gettysburg.edu	Gettysburg College	Kruger
236	Yates AM	Investigation of in situ eggs and skeletal remains of prosauropod dinosaurs from Early Jurassic Elliot Formation deposits in the Golden Gate Highlands National Park, Northeastern Free State Province, South Africa	<input type="checkbox"/> We propose to undertake an excavation program, and are confident that this will yield additional remains of embryonic and older specimens of Massospondylus.	Hugo Bezuidenhout	21.01.2009	31.12.2011	yatesam@gmail.com	University of the Witwatersrand	Golden Gate
237	Yessoufou K	Community phylogenetics of the flora of the Kruger National Park, South Africa	To explain how plant communities have assembled in KNP using a phylogenetic framework.	Ernest Daemane	23.06.2009	31.12.2011	kyessoufou@yahoo.fr	University of Johannesburg	Kruger
238	Zengeya T	Exotic fish introductions in South Africa: The relationship between the exotic Nile Tilapia, Oreochromis niloticus and indigenous riverine fishes in the Limpopo River Basin based on a multidisciplinary analysis	To investigate the impact of O. niloticus on the indigenous riverine fish fauna in the KNP.	Andrew Deacon	03.03.2009	31.12.2010	tzengeya@zoology.up.ac.za	University of Pretoria	Kruger
239	Zietsman PC	Checklist of the flowering plants of Mokala National Park	To compile a representative checklist of flowering plants of Mokala National Park (MNP).	Ernest Daemane	22.01.2008	31.12.2010	plant@nasmus.co.za	National Museum	Mokala