

CURRICULUM VITAE

DANIEL GREYLING VAN EEDEN

PERSONAL PROFILE

I did my undergraduate studies in a multi-disciplinary field incorporating zoology, botany and geography. Other supplementary subjects included anthropology, economics, sociology, psychology and agrarian extension.

I then proceeded to do an honours degree in wildlife management with emphasis on vegetation surveys and the monitoring of change in vegetation, especially looking at the management of wildlife and other natural resources. As part of the requirements for this course, a management plan was compiled for a private game ranch in the Dullstroom district, Mpumalanga.

After the completion of my honours degree, I was awarded a scholarship by the University of Pretoria to work as a technical research assistant at the Rob and Bessie Welder Wildlife Foundation in Sinton, Texas. During that time I assisted postgraduate students with research in mammal-invertebrate interactions, mammal ecology, habitat ecology and bird ecology. As part of the scholarship the recipient is required to register for a masters degree in Wildlife Management on his/her return to South Africa.

I wrote my thesis for my masters degree on aspects of the ecology and conservation status of selected wildlife in and around Tembe Elephant Park, KwaZulu-Natal, South Africa, where I was part of the Maputaland conservation-based and integrated rural development programme as representative of the Centre for Wildlife Management from the University of Pretoria. The project links with the broader objectives of the Lebombo Spatial Development Initiative (LSDI) and the Lebombo Transfrontier Conservation Area (LTFCA), which are managed in the same region. The focus of my studies were firstly to determine the biological importance of a community-based natural resource management project in the area towards the conservation of the regionally rare sand forest habitat type, and secondly to determine the habitat selection and conservation status of selected herbivores in the Tembe Elephant Park.

During 2003 I also started an environmental consulting business called Wild Route Environmental Consultants. The main focus is to help with the planning of game ranches and reserves by helping with the planning of infrastructure, the determining of the ecological carrying capacity and stocking rates, general veld management and general wildlife management recommendations and the compilation of management plans. Wild Route is also involved in urban greening and habitat restoration programs in the Tshwane municipal area and has a small nursery where we propagate indigenous trees. I am also registered with the South African Council for Natural Scientific Professions (SACNASP) in the field of Ecological Science.

During 2005 I was a part-time lecturer at the Centurion campus of the Damelin Education Group and at Centurion Akademie, where I lectured several nature related subjects. Since the beginning of 2006 I am a full-time lecturer at Centurion Akademie in Centurion, Pretoria. Apart from presenting lectures in game ranch management, veld management, game management and conservation development, I am also responsible for organizing and supervising the second year research projects, and third year experiential learning.

In 2009, I registered for a PhD (wildlife management) at the Centre for Wildlife Management at the University of Pretoria with the title "Habitat selection, feeding ecology and conservation genetics of the suni *neotragus moschatus* in South Africa".

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DANIEL GREYLING VAN EEDEN

PERSONAL DETAILS

SURNAME: VAN EEDEN
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DRIVER'S LICENCE: CODE 08 (EB)
LANGUAGE: **AFRIKAANS**
SPEAK, WRITE AND READ - FLUENT
ENGLISH
SPEAK, WRITE AND READ – FLUENT

QUALIFICATIONS

EDUCATION

SECONDARY EDUCATION

INSTITUTION: HOËRSKOOL GARSFONTEIN
LOCATION: PRETORIA, GAUTENG
HIGHEST STANDARD: GRADE 12

TERTIARY EDUCATION

INSTITUTION: UNIVERSITY OF PRETORIA
LOCATION: PRETORIA
QUALIFICATION: BSc Zoology (1999-09-10)

INSTITUTION: UNIVERSITY OF PRETORIA
LOCATION: PRETORIA
QUALIFICATION: BSc (Hons) Wildlife management (Cum Laude)
(2001-03-28)

INSTITUTION: UNIVERSITY OF PRETORIA
LOCATION: PRETORIA
QUALIFICATION: MSc Wildlife management entitled "Aspects of the ecology and conservation status of selected wildlife in and around Tembe Elephant Park, South Africa" (2006-09-07)
PROMOTOR: PROF J. du P. BOTHMA

CURRENT:

INSTITUTION: UNIVERSITY OF PRETORIA
LOCATION: PRETORIA
QUALIFICATION: PhD Wildlife management entitled "Habitat selection, feeding ecology and conservation genetics of the suni *neotragus moschatus* in South Africa"
PROMOTOR: PROF P. BLOOMER

OTHER

INSTITUTION:	DAMELIN EDUCATION GROUP
LOCATION:	CENTURION, PRETORIA
QUALIFICATION:	Unit standards 9940 and 9956. Train-the-trainer Certificate in educational training and development (Cum Laude) (2005)
INSTITUTION:	ACCREDITATION & TRAINING SERVICES
LOCATION:	PRETORIA
QUALIFICATION:	Unit standard 115753 'conducting outcomes-based assessment' (2006)
INSTITUTION:	SCORPION OFF ROAD COLLEGE
LOCATION:	MIDRAND
QUALIFICATION:	Basic Off Road Course (2006)
INSTITUTION:	SA HUNT TRAINING
LOCATION:	PRETORIA
QUALIFICATION:	Proficiency test for a rifle (Unit standard 10750), shotgun (Unit standard 10754) and handgun (Unit standard 10748) (2007-11-08)
INSTITUTION:	DRUM BEAT ACADEMY
LOCATION:	PRETORIA
QUALIFICATION:	Snake Identification (2008-05-14)
INSTITUTION:	DRUM BEAT ACADEMY
LOCATION:	PRETORIA
QUALIFICATION:	Dangerous Snake Handling (2008-05-14)
INSTITUTION:	LIFE STAR FIRST AID TRAINING
LOCATION:	CENTURION
QUALIFICATION:	First Aid Level I & II (2008-07-14)

INSTITUTION: Centre for Environmental Management, North-West University
LOCATION: Potchefstroom Campus
QUALIFICATION: Environmental Impact Assessment: The National Environmental Management Act Regulations: A Practical Approach (CEM-05.1)

ASSOCIATIONS

FELLOW OF THE **ENDANGERED WILDLIFE TRUST** SINCE APRIL 1999

MEMBER OF THE **SOUTHERN AFRICAN WILDLIFE MANAGEMENT ASSOCIATION** SINCE 2003.

MEMBER OF THE **SA HUNTERS AND GAME CONSERVATION ASSOCIATION** SINCE 2008.

REGISTERED AS A PROFESSIONAL NATURAL SCIENTIST IN THE FIELD OF **ECOLOGICAL SCIENCE** WITH THE SOUTH AFRICAN COUNCIL FOR NATURAL SCIENTIFIC PROFESSIONS (**SACNASP**)

AWARDS

VAN SCHAIK PRICE IN WILDLIFE MANAGEMENT: FOR THE BEST ACHIEVEMENT BY A BSc (Hons) STUDENT IN THE FINAL EXAMINATION WITH SPECIALISATION IN WILDLIFE MANAGEMENT (2001-03-28)

ACADEMIC HONORARY COLOURS: FOR ACHIEVING AN AVERAGE OF 75 PERCENT OR MORE FOR A DEGREE (2001-03-28)

EXPERIENCE

EMPLOYMENT

EMPLOYER: ROB & BESSIE WELDER WILDLIFE FOUNDATION
SINTON, TEXAS (USA)

DATE EMPLOYED: JUNE 2001 – AUGUST 2001

POSITION HELD: TECHNICAL RESEARCH ASSISTANT

EMPLOYER: NATIONAL ZOOLOGICAL GARDENS OF SOUTH
AFRICA, PRETORIA.

DATE EMPLOYED: NOVEMBER 2001 – NOVEMBER 2003

POSITION HELD: NIGHT TOUR GUIDE

EMPLOYER: WILD ROUTE ENVIRONMENTAL CONSULTANTS

DATE EMPLOYED: MARCH 2003 – **CURRENT**

POSITION HELD: PRINSIPAL ENVIRONMENTAL CONSULTANT

EMPLOYER: DAMELIN EDUCATION GROUP

DATE EMPLOYED: FEBRUARY 2005 – DECEMBER 2005

POSITION HELD: PART-TIME LECTURER

EMPLOYER: CENTURION AKADEMIE

DATE EMPLOYED: JANUARY 2005 – **CURRENT**

POSITION HELD: FULL-TIME SENIOR LECTURER

JUNIOR CO-SUPERVISION

Supervised me. Martie de Wijn, a diploma student in Nature Conservation from Technicon SA, who was employed by the University of Pretoria as a technician in Maputaland as part of the Maputaland Conservation-based and Integrated Rural Development Programme between June 2002 and December 2002.

Co-supervised me Narine Reitmann, a Honours student in Genetics at the University of Pretoria with her research project entitled “DNA from suni (*Neotragus moschatus*) dung: Potential applications in wildlife biology and forensics” in 2008.

Supervised over 35 3rd year students in their final practical year of the Diploma in Nature Management at Centurion Akademie.

TEACHING EXPERIENCE

1. Lectured students from Dartmouth College, USA as part of the Environmental Studies 84 course for undergraduate students during their annual visit to South Africa from 2001-2006. Also accompanied them on their field trips to Maputaland. (2001-2003).
2. Lectured part of the Wildkunde 420 module for undergraduate students (man and natural resources) from 2002 to 2005 at the Centre for Wildlife Management, University of Pretoria.
3. Part-time lecturer at the Centurion campus of the Damelin Education Group, teaching the 2nd year course in Game Ranging (2005).
4. Senior lecturer at Centurion Akademie in Nature Management (2005 – PRESENT).
5. Compiled and presented a short course in Game Ranch Management with Fritz van Oudtshoorn from Africa Land Use Training (2009 – PRESENT).
6. Presented a lecture on Game Ranch Economics for Africa Nature Training (ANT) (2009 – PRESENT)
7. Contracted to present the Environmental Management module OMG 361 at the Grootfontein Agricultural Development Institute, Middelburg, Eastern Cape (2010 – PRESENT).

PUBLICATIONS

VAN EEDEN, D.G., VAN RENSBURG, B.J., DE WIJN, M. & BOTHMA, J. DU P. 2005. The value of community-based conservation in a heterogeneous landscape: a case study from the Maputaland centre of plant endemism, South Africa. In: R.J. KLOPPERS (Ed), ***Conservation without Boundaries***, Department of Environmental affairs and tourism & Ezemvelo KZN Wildlife.

VAN EEDEN, D.G., VAN RENSBURG, B.J., DE WIJN, M. & BOTHMA, J. DU P. 2006. The value of community-based conservation in a heterogeneous landscape: an avian case study from sand forest in Maputaland, South Africa. ***S.Afr.J.Wildl.Res.* 36(2): 153-157.**

CONFERENCES

Attended the **9th biennial symposium** at the Rob & Bessie Welder Wildlife Foundation in Sinton, Texas (USA) (August 2001).

Attended the **indigenous plant use forum conference** at Pine Lodge, George and **displayed** a poster entitled: *“the development of the Tshanini Nature Reserve: Manqakulani ward of the Tembe tribal area (Maputaland, northern Kwazulu-Natal)”* (July 2002).

Attended the **8th annual international creativity conference in Africa** in Bela-Bela, South-Africa (October 2002).

Attended the **South African wildlife management association conference** at Onderstepoort, Pretoria (October 2002).

Attended the **South African wildlife management association conference** at Loskopdam (September 2006).

Attended the **South African wildlife management association conference** at Didima camp, Drakensberg (September 2007).

Attended the **South African wildlife management association conference** at Thaba 'Nchu, Freestate and **displayed** a poster entitled: *“revealing the secret lives of suni: a pilot study using non-invasive genotyping from dung”* (September 2009).

PROJECTS COMPLETED

An ecological assessment of portions 29 & 30 of Leeudraai 211 JR in Limpopo, South Africa, with management recommendations (2010)

Veld monitoring report of part of the farm Klipspruit, Limpopo, South Africa. (2009)

An Ecological Assessment of parts 17 and R/G 4 of the farm ROODEKRANS 314 JP, North West, South Africa, with management recommendations (2007)

Habitat suitability study for the white rhinoceros *Ceratotherium simum* on a part of the farm KLIPSPRUIT, Limpopo, South Africa, with management recommendations (2007)

An Ecological Assessment of the farm BROODBOOM, north of the Klein Olifantsriver, with management recommendations. (2006)

An Ecological Assessment of part of the farm KLIPSPRUIT, Limpopo, South Africa, with management recommendations (2005)

An Ecological Assessment of the *Radley Landgoed (Edms) Bpk.*, Malelane, South Africa, with management recommendations. (2004)

An ecological assessment of the farm Gruispan, Radium, South Africa. (2003)

An ecological study of the vegetation and the animal population dynamics of the Oaks and Ingifel (Dullstroom), with management recommendations (2000)

REFERENCES

MR. B. ORBAN

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