

CURRICULUM VITAE

- PERSONAL** Felix Jonathan Patton Born: 13 /06/ 50, London UK;
status: single nationality: British
- EDUCATION** University of Newcastle upon Tyne, School of Agriculture
1970 – 1974 BSc Agriculture (Honours) Upper Second
- Manchester Metropolitan University, School of Biological Sciences
2001 – 2002 MSc Conservation Biology by research
- Dissertation:** “ Black Rhinoceros Identification System by the Manipulation and Analysis
of Image Data”
- 2002 – 2008 PhD: conferred July 2010
- Thesis:** “The use of individual identification in the conservation management of black
rhinoceros”
- CURRENT** Independent Rhino Ecologist, full time (since 2003), writer and broadcaster.
- Management** Solio Rhino Project, Kenya
On going, ad-hoc assistance in establishing and maintaining a monitoring system for
black and white rhinos at Solio Game Reserve including general wildlife management
- Technical Adviser, Rhino Fund Uganda/Ziwa Rhino Sanctuary Uganda
On-going, advice on rhino management and training rangers in all aspects of rhino
monitoring and guiding to improve the visitor experience.
- PREVIOUS BUSINESS EMPLOYMENT RECORD**
- 1998 - 2002 H L Hutchinson, UK - Development Manager
- 1996 - 1998 Resumed Bioscope Associates consultancy
- 1995 - 1996 CPB Twyford, UK - Commercial Director
- 1991 - 1995 Bioscope Associates, - Managing Partner
- 1980 - 1991 Nickerson Seed Company (Shell subsidiary):- Product Manager UK; General Manager
Seed Services, UK; General Manager, Wholesale Marketing; General Manager,
Marketing; General Manager, Non Traditional Seeds; Marketing Manager, Holland;
- 1977 - 1980 Farm Seeds, UK - Marketing Manager
- 1977 - 1977 Fisons Limited, Agrochemical Division – Group Brand Manager
- 1974 - 1977 Twyford Seeds, UK – Marketing and Development Manager
Marketing Services Manager, Product Manager, Marketing Assistant
- Overview** senior management responsibilities for training, international sales, marketing, product
and business development, marketing services consultancy for bioscience, especially
commercialization of biotechnology developments
- Courses** Product Management, Finance for Marketing Managers, General Managers
Attended Development Programme, Presentation Skills
Given Understanding Biotechnology, Oilseeds Development, Time Management,
Selling skills, Closing the Sale,
- SKILLS** organisation, motivation and communication; interpersonal relations;
presentation especially written and public speaking; researching; interviewing and
analyzing; project start-up and management.

CONSERVATION PORTFOLIO

Fieldwork Experience

- 1992 two week black rhino census, Chirisa Safari Area, Zimbabwe
Including participation in dehorning exercise
- 1998 two weeks volunteer in Mkhaya Rhino Sanctuary, Swaziland
- 1999 two weeks volunteer in Sweetwaters Rhino Sanctuary, Kenya
- 2000 two weeks volunteer Herbivore Census, Hluhluwe-Umfolozi, SA
- 2001-2005 various periods photographing & image manipulation of 19+ black rhinos for identification at Port Lympne Wild Animal Park, Kent UK
- 2001 two week study course in several Tanzania National Parks and Reserves including time with the rhino patrol group in Ngorongoro, TZ
- one week assisting the rhino monitoring team in Selous Game Reserve, TZ
- one week with the rhino monitoring teams at Sweetwaters, Lewa Downs Conservancy, Nairobi National Park, Lake Nakuru National Park, KEN
- one week with the rhino monitoring team of SRT, Namibia
- 2002 one week identification photography of rhinos and training rhino monitoring rangers in Lake Nakuru National Park, KEN
- two days assisting instruction of rangers in GPS/digital camera/rhino patrolling at national rhino rangers workshop, Nakuru, KEN
- 2002-2005 various periods, undertaking research into individual rhino identification using photography and basic spatial and social behaviour analysis, including ranger training and participation in rhino activities at Sweetwaters Game Reserve, KEN
- 2003-2005 various periods working with local staff to monitor and photograph rhino and advise on improvement to monitoring systems including population estimation and training rhino rangers in Aberdare National Park, KEN
- 2005 six days reviewing the rhino monitoring programmes and making suggestions for improvement at Mokolodi Nature Reserve, Khama Rhino Sanctuary and Moremi Game Reserve, BOTSWANA
- four days visits to and discussions with the rhino monitoring programmes at Madikwe Game Reserve and Pilansberg National Park, SA
- various periods updating Sweetwaters rhino photographic database for 18 newly notched rhinos, training rangers, further research on spatial and social behaviour, recommendations made for managing the extension of the Reserve in 2006

- 2005-to date individual identification of the black rhino population at Solio Game Reserve, establishing a photographic database, creating and introducing a monitoring system at SGR, training staff in identification and monitoring, advising management on the population dynamics of the population and recommendations for future management
- advice to management on and preparation of material for developing the reserve to obtain additional tourist revenue, ensuring a positive visitor experience and improving the 'educational' output all while minimizing the impact on the wildlife
- advice to management on establishing research priorities in respect of rhino population performance and maintenance of habitat
- 2007 advise both reserves on, select candidates for and participate in East Africa's largest black rhino translocation between Solio Game Reserve and Ol Pejeta Conservancy involving free release and the first cow/calf combination removal with follow-up monitoring in both reserves and additional identification training (2- year research permit, part USFWS grant through FFI)
- undertake a photo-identification based census of the white rhino population at Solio advising management of the demography of the 130+ individuals; establish an initial monitoring system and train staff.
- 2008 data analysis of rhino movements and associations of translocated rhinos in Ol Pejeta Conservancy
- advice to reserve managers on the management of Solio Game Reserve with the aim of improving black and white rhino carrying capacity and breeding performance; support of the black rhino monitoring programme including training and data analysis; general wildlife work including game counts, individual predator and giraffe identification.
- co-operating with research scientists of the Kenya Wildlife Service in evaluating the effect of the Solio buffalo and giraffe populations on the carrying capacity of rhinos in order to support the request to reduce both populations
- acting as on-camera rhino expert for Animal Planet film on black rhino behaviour at night shot at Solio – broadcast USA, June 2009
- 2009 prepare white rhino master ID folders; update the Solio white rhino population database for new births; plan candidates for translocations of black and white rhinos; improve black rhino master photographs for presentation in master ID files; update predator and giraffe ID files
- carry out new white rhino photo-identification census in June; update predator and giraffe ID files; construct and present training programme of rhino ID by sector; assist with anti-poaching activities
- carry out training as per KWS programme modules in rhino conservation and rhino biology creating powerpoint presentations in English and Swahili.
- carry out training as per KWS programme modules in sex and ageing and rhino body condition creating powerpoint presentations in English and Swahili.

2010

to 2016

Solio Rhino Project on-going as before with special reference to major rhino poaching problems, restructuring security and monitoring operations

Presentations to visitors to the new Solio Lodge on rhino conservation

Ziwa Rhino Sanctuary training programme for all rangers and support staff (50):

Carry out training as per African Rhino Specialist Group programme modules in rhino conservation and rhino biology, individual rhino identification including sex and ageing and rhino body condition creating powerpoint presentations in English and Swahili.

Carry out field training of the rangers who guide visitors to the rhinos to improve the visitor experience; re-write the handout given to visitors to make it more relevant

Establish a better system of rhino sighting data collection and computerized automated analysis setting clear research objectives

Preparing the first draft, for presentation to and discussion with Uganda Wildlife Authority, of a National Strategy for Uganda Rhino Conservation, for the NGO Rhino Fund Uganda and for Ziwa Rhino Sanctuary so that each is fully integrated.

Discussion with Uganda Wildlife Authority on an international plan for the re-introduction of the Northern White Rhino to Uganda.

Preliminary investigations and communications with DNPW in respect of a national rhino strategy for Malawi and personal observations on the current situation regarding the two rhino populations in the country

Design and manage a vegetation study of Ziwa Rhino Sanctuary using student labour and a roads based wildlife count using volunteers

Major contributor to Kenya private conservancies response to the drafts of a new Kenyan five year black rhino strategy, a new Kenyan five year white rhino strategy and Policy Guidelines for Exotic Species.

Investigation into and Reporting on strategies for reducing the level of rhino poaching including i) the real use of rhino horn and ii) legalizing the trade in rhino horn

Contributing to and appearing in wildlife documentaries and other media in support of rhino conservation

2017-2020

Continuation of position of Technical Adviser to Rhino Fund Uganda including a special Project on improving the biodiversity and rhino carrying capacity of Ziwa Rhino Sanctuary to April 2020, thereafter advising on aspects of a new RFU strategy.

Supporting giraffe identification projects in Murchison Falls NP, Uganda and the greater Mara ecosystem, Kenya

2020 to date

as above plus Adviser to the Maisha Madrugada Foundation NGO in developing a wild dog project called Osuyiani Conservation Education Project (OCEP) in the greater Masai Mara ecosystem

Continuing contribution to the scientific Pachyderm journal and specialist wildlife SWARA magazine.

Publications

Patton, F., Campbell, P & Parfet, E (2007) Establishing a monitoring system for black rhinos in the Solio Game Reserve, central Kenya *Pachyderm* **43**, p87-95

Patton, F & Jones, M (2007) Determining minimum population size and demographics of black rhinos in the Salient of Aberdare National Park, Kenya *Pachyderm* **43** p63-72

Patton, F., Campbell, P & Parfet, E (2008) Biological management of the high density black rhino population in Solio Game Reserve, central Kenya. *Pachyderm* **44**, p72-79

Patton, F & Jones, M (2008) Errors that occur when using photo-identification to identify individual black rhinos *Pachyderm* **44**, 35-44

Patton, F & Jones, M (2008) The demographics and use of space of the black rhino population of the Sweetwaters Game Reserve, an enclosed reserve in Kenya *Endangered Species Update* Vol. **25** (2) (2008).

Patton, F.J., Mulama, M.S., Mutisya, S., Campbell, P.E & Jones, M. (2010) The colonisation of a new area in the first six months following 'same-day' free release translocation of Black Rhinos in Kenya *Pachyderm* **47**, 66-79

Patton, F.J., Mulama, M.S., Mutisya, S., & Campbell, P.E. (2010) The effect of removing a dividing fence on two populations of black rhinos *Pachyderm* **47**, 55-58

Patton, F & Jones, M (2010) Determining the suitability of using eye wrinkle patterns for the accurate identification of individual black rhinos *Pachyderm* **48**, 18-23

Patton, F.J. & Campbell, P.E. (2010) Notes from the Field: Eighteen month update on the movements and social organisation of a population of black rhinos introduced to a new area by 'same day' free release translocation in Kenya. *Pachyderm* **48**, 71-72

Patton, Felix (2010) OPINION AfRSG Northern White Rhino Strategy—an alternative view. *Pachyderm* **48**, 76-77

Patton, F. J (2009) Lion predation on the African Black Rhinoceros and its potential effect on management. *Endangered Species Update* Vol. **26** (1&2), 43-49

Patton, F. J. (2009) Lion prey preference at Solio Game Reserve, Kenya *Endangered Species Update* Vol. **26** (1&2),

Patton, F. J. & Campbell, P.E. (2011) Field notes: Using eye and wrinkle profiles to identify individual white rhinos *Pachyderm* **50**, 79-81

F.J. Patton, P.E. Campbell, A. Genade, R. Ayiko and G. Lutalo (2011) The behaviour of white rhinos at Ziwa Rhino Sanctuary, Uganda with particular reference to night-time activity *Pachyderm* **50**, 77-82

F.J. Patton, P.E. Campbell, A. Genade, R. Ayiko and G. Lutalo (2012) Dispersal and social behaviour of the three adult female white rhinos at Ziwa Rhino Sanctuary in the immediate period before, during and after calving *Pachyderm* 52, 1-6

F.J. Patton, A. Genade, (2013) Field notes: Ziwa Rhino Sanctuary, the first 10 years *Pachyderm*

Patton, F., 2015. Black rhino population dynamics and the hidden cost of poaching at Solio Game Reserve, central Kenya. *Pachyderm* 56: 102-104

Patton, F.; Genade, A., 2015. Birth of a wild white rhino calf at Ziwa Rhino Sanctuary, Uganda. *Pachyderm* 56: 114-116

Patton, F.; Ammann, K., 2016. From health to wealth - understanding the trade in rhino horn. *Pachyderm* 57: 122-124

Patton, F.; Campbell, P.; Genade, A., 2016. The development of white rhino social organisation at Ziwa Rhino Sanctuary. *Pachyderm* 57: 112-113

Patton, F., 2017. The use of ear tufts to assist in the identification of individual black rhinos. *Pachyderm* 58: 148-151

Patton, F.; Mutisya, S.; Campbell, P.E., 2017. Ten-year outcomes from the introduction of black rhinos to a new area at Ol Pejeta Conservancy, Kenya. *Pachyderm* 58: 154-158

Patton, F.; Genade, A., 2017. Early first white rhino calving and consequent foot problem. *Pachyderm* 58: 159-160

Patton, F.; Campbell, P.E.; Genade, A., 2018. The effect of dehorning adult male rhinos on the frequency of fighting at Ziwa Rhino Sanctuary. *Pachyderm* 59: 114-115

Patton, F.; Campbell, P.E.; Genade, A., 2018. Observations on the 24-hour clock, reproduction and gestation periods of the white rhinoceros at Ziwa Rhino Sanctuary, Uganda. *Pachyderm* 59: 103-108

Patton, F.J.; Campbell, E.; Genade, A., 2019. Observations on the copulations of white rhinos at Ziwa Rhino Sanctuary, Uganda. *Pachyderm* 60: 133-136

Patton, F.J.; Campbell, P.E.; Genade, A., 2020. The Battle for breeding rights - male behaviour at Ziwa Rhino Sanctuary, Uganda. *Pachyderm* 61: 194-196

Patton, F., 2021. A rudimentary assessment of rhinoceros horn regrowth in Africa based on photographs. *Pachyderm* 62: 135-142

Papers submitted for future publication

White Rhino movements

Reports

INDIVIDUAL IDENTIFICATION OF THE BLACK RHINOCEROS *Diceros bicornis* AND THE USE OF PHOTOGRAPHS, 2007 (see Rhino Resource Centre)

MSc Study entitled RHINO IDENTIFICATION TRAINING - Towards a Standardised Scheme for the Training and Qualification of Personnel involved with Black Rhino- a Report for National and Regional Rhino Strategy Managers, 2002

MSc literature review on home range analysis of elephants and rhinos, 2002

Medicinal value of rhino horn – a search for the truth, 2011

THE WAR FOR RHINOS - A report on rhino poaching in Africa as a case study in Conflict and Conservation as presented at the Marjan Centre Conference 18/10/2011

Behavioural observations of white rhinos at Ziwa Rhino Sanctuary: analyses of ten years of data collection. Ziwa, Rhino Fund Uganda, pp. 1-34. Patton, F.; Genade, A., 2019.

Published Articles

1992 East African Wildlife Society Journal SWARA and Countryside magazine on rhino dehorning.

2001 East African Wildlife Society Journal SWARA on Selous rhinos.

2006 ASAP magazine on Solio Rhino Project

2009 East African Wildlife Society Journal SWARA on Botswana rhino conservation

2009 East African Wildlife Society Journal SWARA on rhino poaching in Solio

2009 East African Wildlife Society Journal SWARA on Uganda rhino conservation

2010 East African Wildlife Society Journal SWARA on Solio – 40 years of rhino conservation

2010 East African Wildlife Society Journal SWARA on Making conservation pay – a tale of 2 lodges

2011 East African Wildlife Society Journal SWARA on repopulating Malawi wildlife

2011 East African Wildlife Society Journal SWARA on Assisted Reproduction Technology in rhino

2011 East African Wildlife Society Journal SWARA on Traditional Chinese Medicine and rhino horn

2012 East African Wildlife Society Journal SWARA on Rhino conservation in Zambia

2012 East African Wildlife Society Journal SWARA on Taking a wildlife safari in Zambia

2012 East African Wildlife Society Journal SWARA on the Militarisation of Wildlife

2012 East African Wildlife Society Journal SWARA on Kruger National Park

2012 East African Wildlife Society Journal SWARA on the petrol station with rhinos

2012 East African Wildlife Society Journal SWARA on Solio 100th black rhino translocation

2012 East African Wildlife Society Journal SWARA on saving Ziwa Rhino Sanctuary

2013 East African Wildlife Society Journal SWARA on wildlife-wildlife conflict

2013 East African Wildlife Society Journal SWARA on Pushmi poaching

2013 East African Wildlife Society Journal SWARA on birding at Ziwa Rhino Sanctuary

2013 East African Wildlife Society Journal SWARA on Lions and food choice at Solio Game Reserve

2013 East African Wildlife Society Journal SWARA on Characters in Conservation - Benson

2013 East African Wildlife Society Journal SWARA on book review “Killing for Profit”

2013 East African Wildlife Society Journal SWARA on Drones in Conservation

2013 East African Wildlife Society Journal SWARA on Characters in Conservation – Karl Ammann

2014 East African Wildlife Society Journal SWARA on Characters in Conservation – Amos

2014 East African Wildlife Society Journal SWARA on Nice or Nasty

2014 East African Wildlife Society Journal SWARA on Characters in Conservation – Charles Mayhew

2014 East African Wildlife Society Journal SWARA on the London Conference

2014 East African Wildlife Society Journal SWARA on Rewilding

2015 East African Wildlife Society Journal SWARA on Characters in Conservation – Johan Genade

2014 East African Wildlife Society Journal SWARA on De-extinction

2014 East African Wildlife Society Journal SWARA on From a scout to a Guide

2014 East African Wildlife Society Journal SWARA on Symposium from IWT conference

2015 East African Wildlife Society Journal SWARA on Conservation Dogs pt 1

2015 East African Wildlife Society Journal SWARA on Conservation Dogs pt 2

2015 East African Wildlife Society Journal SWARA on Kinge-Wirth family

2015 East African Wildlife Society Journal SWARA on Patrick Agaba

2015 East African Wildlife Society Journal SWARA on Wildlife CSI

2016 East African Wildlife Society Journal SWARA on Cost of Conservation pt 1

2016 East African Wildlife Society Journal SWARA on Cost of Conservation pt 2

2016 East African Wildlife Society Journal SWARA on CSI Rhino

2016 East African Wildlife Society Journal SWARA on Polishing off rhinos

2017 East African Wildlife Society Journal SWARA on Conservation impact bonds

2017 East African Wildlife Society Journal SWARA on Game ranching

2017 East African Wildlife Society Journal SWARA on Pangolins

2017 East African Wildlife Society Journal SWARA on Transforming human lives

2018 East African Wildlife Society Journal SWARA on Conservation hunting

2018 East African Wildlife Society Journal SWARA on Hunting

2018 East African Wildlife Society Journal SWARA on Battle over Sudan

2018 East African Wildlife Society Journal SWARA on Naibosho

2019 East African Wildlife Society Journal SWARA on Akergera

2019 East African Wildlife Society Journal SWARA on CITES

2019 East African Wildlife Society Journal SWARA on Giraffe in danger

2019 East African Wildlife Society Journal SWARA on Protecting species

2019 East African Wildlife Society Journal SWARA on Saving African Rhinos

2020 East African Wildlife Society Journal SWARA on Carnivore Initiative

2020 East African Wildlife Society Journal SWARA on Importance of EIA's

2020 East African Wildlife Society Journal SWARA on Tourism and combatting illegal wildlife trade

2020 East African Wildlife Society Journal SWARA on wildlife and the real cost of covid-19

2022 East African Wildlife Society Journal SWARA on Pandemics and Wildlife (in press)

Public Presentations

May 2002 UK Rhino Group Mayday presentation on BRIDESMAID Project

May 2004 UK Rhino Group Mayday presentation on finding rhinos in Aberdare NP

2003-2005 40+ presentations to visitors to Ark Lodge, Aberdare NP on Rhino Conservation

June 2007 UK Rhino Group Mayday presentation on East Africa's largest rhino translocation

April 2009 UK Rhino Group Mayday presentation on Botswana's rhinos

May 2011 UK Rhino Group Mayday presentation on Uganda rhino project

October 2011 Marjan Centre Conference on Conflict and Conservation presentation on rhino poaching

Membership of Organisations

Lifetime member of WWF now Worldwide Fund for Nature WWF Rhino Adopters Programme

Since 1986, member of several rhino conservation groups:

Save the Rhino International

Endangered Wildlife Trust

East African Wildlife Society