

# Dr Kyle John Lloyd

[kyle.john.lloyd@gmail.com](mailto:kyle.john.lloyd@gmail.com)

[LinkedIn Profile](#)

**Nationality:** South African  
**ID number:** 920507 5028 08 0  
**Date of birth:** 07 May 1992  
**Marital status:** Married  
**First Language:** English  
**Second Language:** Afrikaans  
**Permanent address:** 384 Amajuba Street,  
Dullstroom, South Africa, 1110  
**Phone number:** +27 (0)71 103 4464  
**Driving License:** Code B  
**SACNASP reference:** 130546  
**Web of Science ResearcherID:** AAW-2810-2021



---

My professional goal is to promote human-wildlife coexistence as an applied ecologist and conservation biologist. I want to bridge the gap between scientists and practitioners by answering practical conservation-based issues with research. I seek to develop a philosophy that encourages management decisions based on evidence and adaptation, and to foster value for wildlife in communities through education and participation.

---

## WORK EXPERIENCE

**2020 – PRESENT**

**ROCKJUMPER FELLOW OF WHITE-WINGED FLUFFTAIL CONSERVATION (PROJECT MANAGER),**  
BirdLife South Africa

Researching and conserving the Critically Endangered [White-winged Flufftail](#), waterbirds and their wetland habitat through the BirdLife International Preventing Extinctions Programme. Responsibilities include developing project strategy and study designs, raising and managing funds, reporting to and meeting with national and international stakeholders, declaring and expanding protected areas, landowner stewardship support, developing best practice guidelines for habitat management, community engagement and upliftment, opposing inappropriate developments, developing and managing datasets and field equipment, website maintenance and regular social media contributions, fostering public awareness, and providing expert advice to stakeholders.

**2016 – 2017**

**FIELD ASSISTANT (MAMMALOGIST),** Department of Forestry, Fisheries and the Environment

Collected data from three pinniped species and Killer Whales at Marion Island ([Marion Island Marine Mammal Programme](#)). Responsibilities included censusing, capturing, tagging, satellite device deployment, sampling (whiskers, fur, blood, biopsy), biometric measurements and weighing elephant seals and fur seals; immobilizing elephant seals; pit-tagging fur seals; observing and photographing Killer Whales; conducting team meetings, planning work schedules, and delegating responsibilities; maintaining long-term datasets, samples and equipment; writing reports and communicating with collaborators.

## EDUCATION

**APRIL 2020**

**PH.D. IN ZOOLOGY,** University of Pretoria

Thesis title: Population and individual life history consequences of polygyny in male southern elephant seals.

**JUNE 2016**

**M.SC. IN CONSERVATION BIOLOGY,** University of Cape Town

Minor thesis title: An experimental approach to assess the role of nest predation in the population dynamics of the sociable weaver (*Philetairus socius*).

#### **APRIL 2015**

**B.SC. HONS WITH DISTINCTION IN AFRICAN VERTEBRATE BIODIVERSITY AND BOTANY**, Rhodes University

#### **APRIL 2014**

**B.SC. WITH DISTINCTION IN BOTANY, ENTOMOLOGY AND ZOOLOGY**, Rhodes University

#### **DECEMBER 2010**

**NATIONAL SENIOR CERTIFICATE (INDEPENDENT EXAMINATIONS BOARD)**, Felixton College

### **SKILLS**

- Leadership of teams with different research and social objectives in challenging environments.
- Participation and involvement as a team member.
- Excellent project management skills for both administrative and logistical tasks, including financial (budget) management.
- Planning and adaptable problem solving in both leader and team member roles.
- Strong verbal and written communication skills with extensive public speaking and report writing experience.
- Establishing lasting collaborations and networks to maximise project outputs.
- Practice in communicating with a diversity of stakeholders from different cultural and socio-economic backgrounds.
- Successful at grant writing and raising funds for projects.
- Robust analytical (R; ArcGIS; E-SURGE, MS Office), critical thinking and broad experimental design skills.
- Extensive fieldwork experience working with several taxa across various habitat types.
- Curious about the natural world (e.g., collected and curated an insect community of over 200 families and subfamilies).

### **AFFILIATIONS AND NETWORKS**

- Honorary Research Associate at the Centre for Statistics in Ecology, the Environment and Conservation in the Department of Statistical Sciences (University of Cape Town, 2020 – present).
- Honorary Researcher at the Marion Island Marion Mammal Programme in the Department of Zoology and Entomology (University of Pretoria, 2020 – present).
- White-winged Flufftail National Working Group member (Department of Forestry, Fisheries and the Environment (2020 – present).
- Government networks: Department of Forestry, Fisheries and the Environment, Mpumalanga Tourism and Parks Agency, Ezemvelo KZN Wildlife, Eskom, African-Eurasian Migratory Waterbird Agreement (AEWA) Secretariat.
- NGO networks: Conservation Outcomes, Endangered Wildlife Trust, Middelpunt Wetland Trust, BirdLife International Preventing Extinctions Programme, BirdLife Africa Regional Office, various BirdLife country partners.
- Academic networks: Afromontane Research Unit (University of the Free State), Department of Zoology and Entomology (University of Pretoria), Biology and Environmental Sciences (University of Mpumalanga), FitzPatrick Institute of Ornithology (University of Cape Town).
- Society networks: Southern African Wildlife Management Association (2015 – present), South African Wetland Society (2020 – present).

### **WORKSHOPS, COURSES AND ADDITIONAL QUALIFICATIONS**

- *Tools for Wetland Assessment* course (Rhodes University, 2020).
- *Bioacoustic Analysis in R* course (Organization for Tropical Studies, 2020).
- *Global Perspectives on Adaptive Wildlife Management* postgraduate course (Swedish University of Agricultural Sciences, 2019).

- Qualified A-Ringer (SAFRING number: 20210) for ringing/banding small passerines in southern Africa including ethical practices, trapping, handling, identification, biometric measurements, and record keeping (BirdLife Northern Gauteng, 2020).
- *General Natural and Agricultural Sciences Tutor Training* workshop (University of Pretoria, 2019).
- *Avian Medicine* workshop (Southern Africa Wildlife Disease Association, 2019).
- *Study Design and Data Analysis for Scientists* (University of Cape Town, 2018), and *Statistics for Biological Sciences* (University of Pretoria, 2018) post-graduate courses.
- *1<sup>st</sup> International Ant Identification Course* (Soil Fauna in Africa Consortium, 2018).
- Qualified field guide with competency in guiding at iSimangaliso Wetland Park, Hluhluwe/Imfolozi Game Reserve, Enseleni Nature Reserve, and Tala Nature Reserve (CATHSSETA, NQF 2, 2018).
- *Introduction to Bat Biology, Ecology, Conservation and Identification* workshop (AfricanBats, 2017).
- *Snake Awareness, Identification and Handling* workshop (Cape Reptile Institute, 2015).

#### **AWARDS AND GRANTS** (since 2014)

- Waterbird Society Research Award (2021)
- Club 300 Foundation for Bird Protection (2020)
- African Bird Club Conservation Award (2020)
- Student Travel Grant (World Marine Mammal Conference, 2019)
- FILAMO Mobility Grant (University of Bergen, 2019)
- Postgraduate Study Abroad Bursary Programme (University of Pretoria, 2019)
- NRF Grantholder Linked Bursary (National Research Foundation, 2017-2019)
- DAAD-NRF In-Country Masters Scholarship (National Research Foundation, 2015)
- Dudley D'Ewes Scholarship (Cape Tercentenary Foundation, 2015)
- Investec Top 100 – Student Leadership (Rhodes University, 2014)
- Henderson Scholarship (Rhodes University, 2014)
- Academic Honours (Rhodes University, 2014)
- B.A. Putterill Memorial Prize for contributing to the study of Ecology and Conservation in the Eastern Cape (Rhodes University, 2014)
- Ewer Prize (Zoology and Entomology Honours) for the highest mark (Rhodes University, 2014)
- Student Award for the best honours student in Zoology at Rhodes University (Zoological Society of Southern Africa, 2014)
- Best Paper Presentation (Arid Zone Ecology - Thicket Forum, 2014)

#### **VOLUNTEERING AND OUTREACH**

- Numerous environmental awareness presentations at primary, secondary and tertiary schools (since 2014) and contributor to SAFRING public database (since 2019).
- Expert advice for a BBC wildlife documentary about Southern Elephant Seal behaviour (BBC Natural History Unit, 2021).
- Zoo caretaker for African Penguins involving feeding, medicine administration, cleaning, handling, tagging, and constructing play stimuli (Zoological Gardens of South Africa, 2019).
- Exhibitor for the Marion Island Marine Mammal Programme at the SA Agulhas II Open Day (South African National Antarctic Programme, 2018).
- Field assistant for the Sociable Weaver Project at Benfontein Nature Reserve involving adult captures, egg and chick handling, weighing and marking (FitzPatrick Institute of African Ornithology, 2015, 2016, 2018).
- Seabird observer for the West Coast Cetacean Survey involving seabird identification, counts and report writing (Department of Forestry, Fisheries and the Environment, 2015).
- Researcher for meta-analysis on the interaction between savanna grasses and trees (Rhodes University, 2014).
- Demonstrator for first-year Zoology practicals (Rhodes University, 2014).

- Committee member for various student societies at Rhodes University (chair and secretary of Student Christian Fellowship, 2013-2014; vice chair and secretary of Zoological Society, 2012; telescope maintenance officer of Astronomy Society, 2012).
- Field ranger at Enseleni Nature Reserve involving patrols, alien invasive removal, and assisting field researchers (Ezemvelo KZN Wildlife, Dec 2010 – Jan 2011).

## PUBLICATIONS AND OTHER RESEARCH CONTRIBUTIONS

*Journal articles* (7 scientific articles since 2017, [ORCID](#), Google Scholar, Research Gate)

- Lloyd, K.J. & Parker, D.M. 2021. Preliminary diet record of hinge-back tortoise *Kinixys zombensis*: A potential seed disperser? *African Journal of Ecology*, in press. <https://doi.org/10.1111/aje.12919>
- Marais, A.J., Lloyd, K.J., Smit-Robinson, H.A. & Brown, L.R. 2021. A vegetation classification and description of white-winged flufftail (*Sarothrura ayresi*) habitat at selected high-altitude peatlands in South Africa. *Royal Society Open Science* 8: 211482. <https://doi.org/10.1098/rsos.211482>
- Lloyd, K.J., Oosthuizen, W.C., Fay, R., Bester, M.N. & de Bruyn, P.J.N. 2020. Selective disappearance of frail juveniles: consequences for understanding social dominance in adult male elephant seals. *Oikos* 129: 1566-1578. <https://doi.org/10.1111/oik.07434>
- Lloyd, K.J., Oosthuizen, W.C., Bester, M.N. & de Bruyn, P.J.N. 2020. Trade-offs between age-related breeding improvement and survival senescence in highly polygynous elephant seals: dominant males always do better. *Journal of Animal Ecology* 89: 897-909. <https://doi.org/10.1111/1365-2656.13145>
- Lloyd, K.J. & Vetter, S. 2019. Generalist trophic ecology in a changing habitat: the case of the four-striped mouse in a woody-encroached savannah. *African Journal of Ecology* 57: 371-381. <https://doi.org/10.1111/aje.12613>
- Lloyd, K.J., Altwegg R., Doutrelant C. & Covas R. 2018. Factors affecting the foraging distance and duration of a colonial bird, the sociable weaver, in a semi-arid environment. *African Journal of Ecology* 56: 659-663. <https://doi.org/10.1111/aje.12484>

*Peer-reviewed articles*

- Reviewed 5 articles since 2020 ([Publons](#)).

*Popular articles* (more than 20 articles since 2020)

- YouTube videos (e.g., [Ntsikeni Nature Reserve Community Project](#)).
- Public presentations and webinars (e.g., Conservation Conversations: [White-winged Flufftail Conservation](#) and [Wetland Stewardship](#)).
- Magazine articles (e.g., [African Birdlife](#)).
- Newsletters and blogs (e.g., [BirdLife South Africa](#), [Rockjumper Birding Tours](#), [Friends of Verloren Valei](#)).
- Facebook posts (e.g., [BirdLife South Africa](#)).

*Conferences* (8 presentations since 2014, a comprehensive list can be provided)

- 5<sup>th</sup> Learn About Birds Conference, virtually hosted by BirdLife South Africa and Fitzpatrick Institute of African Ornithology, April 2021. *In search of the Critically Endangered White-winged Flufftail*.
- 2<sup>nd</sup> World Marine Mammal Conference, Barcelona, December 2019. *Trade-offs between age-related breeding improvement and survival senescence in highly polygynous elephant seals*.
- 39<sup>th</sup> Zoological Society of Southern Africa Congress, Skukuza, July 2019. *Trade-offs between age-related breeding improvement and survival senescence in highly polygynous elephant seals*.