

Curriculum Vitae of
Andrew Pearson (Pr.Sci.Nat)

PERSONAL INFORMATION

First Names:	Andrew Jesse	Contact Number	0749461464
Surname:	Pearson	E-mail Address	andrewp@ewt.org.za
ID Number	8203245195088	Residential Address	96 Aloe Place 1, Greenstone Dr, Edenvale, Johannesburg
Age	30	Drivers Licence	Yes (Code B)
Gender	Male	Languages	English, Afrikaans
Affiliation	South African Council for Natural Scientific Professions (SACNASP)		
Registration number	400423/11		
Field of Expertise	Ecological Science (Professional Member)		

WORK EXPERIENCE

March 2011- Present

Environmental Impact Assessment & Avifaunal Specialist: Endangered Wildlife Trust

- Specialist Bird Impact Assessment Studies for Energy infrastructure.
- GIS mapping using ArcGIS for incorporation in to specialist reports.
- Involvement in EMP's for energy projects.
- Presentations and Environmental Training
- Powerlines:
 - St Francis Bay Kouga 66kV; Ncwane Okuku 88kV; Vulcan Ekangala 132kV; Merapi Everest 400kV; Mathibestad Majaneng 132kV; Majaneng Themba Main-Babelegi 132kV; Ngoma Pandamatenga 400kV (ZIZABONA Phase 2); Estancia Thuli 132kV; Estancia Zamokuhle 132kV; Gumeni Bosloop 132kV; Mbumbu Tsakani 132kV; Normandie Heyshope 132kV; Mookodi Integration Project; Wildebees Bethal 132kV; Zaaifontein Mathondwane 88kV; Hlabisa Nongoma 88kV; Mandeni Gingindlovu 132kV; Tabor Nzhelele 400kV; Leksand St James 88kV; Emondlo St James 88kV; Randfontein Mine 132kV; Droogfontein CSP 132kV
- Wind Energy Facilities:
 - Kouga WEF; Aberdeen WEF; Hidden Valley WEF; Middleton WEF; Springfontein WEF
- 12 month Wind Farm Monitoring Projects:
 - Kouga WEF; Grassridge WEF; Chaba WEF; Waainek WEF; Vryheid WEF
- Concentrated Solar Power (CSP) Plants and Solar Photovoltaic (PV) Plants:
 - Humansrus 100MW CSP; Arriesfontein 100MW CSP; Arriesfontein 225MW PV; Eenzaamheid PV; Vaal Dam PV; Mokopole PV.
- Other:
 - Expansion of Hendrina Power Station Ash Dam Facilities; Eskom Distribution Cedarville Upgrade.

Jan 2008 - Mar 2011

Group Environmental Manager: Basil Read (Pty) Ltd.

- Involvement in numerous Roads and Civil construction projects, from an environmental management perspective.
- Responsible for the successful implementation of an Environmental Management System for this major construction company, that was certified for ISO 14001:2004 in November 2009.
- Achieved ISO 14001 re-certification in 20110.
- Group Internal Environmental Audits and Report writing
- Compilation of EMP's and Environmental site inspections
- Assistance in ENV authorisations and applications
- Environmental Awareness Training.
- Compilation of Group Carbon Footprint

Feb 2006 – Jan 2008

Game Ranger and Walking Guide: CC Africa (now &BEYOND): Phinda Private Game Reserve

- Game drives and walks in a Big 5 reserve
- Hosting guests and sharing environmental and wildlife knowledge
- Environmental management, waste management & Lodge “greening”

EDUCATIONAL BACKGROUND & QUALIFICATIONS

November 2011

Google Geo tools for conservation workshop. MAPA.

August 2010

Hazard Identification and Risk Assessment (HIRA) Course, IRCA Global, Randburg.

April 2010

SAMTRAC, NOSA, East Rand Office.

April 2009

Green Star Accredited Professional Exam, (GBCSA), PROMETRIC.

May 2008

Environmental Auditing: ISO 14001:2004, a Lead Auditors Course (SAACTA approved), Centre for Environmental Management at North West University (NWU), Potchestroom

February 2008

Environmental Law for Managers, Centre for Environmental Management at the North West University.

February 2008

Implementing Environmental Management Systems-ISO 14001:2004, Centre for Environmental Management at NWU

2001-2005

Bachelor of Science: Conservation Ecology, University of Stellenbosch

This four year degree covered a wide range of subjects from basic maths, chemistry and physics in the first year to advanced conservation, and a write up of a Conservation management plan in the fourth year. Important subject matter covered included environmental management, ecosystem processes and functioning, conservation planning, Impact assessment (EIA), sustainable harvesting and development, rehabilitation and restoration ecology, data collecting and analyzing, as well as the writing up of scientific papers for journal publication. Subjects taken and passed:

1st year: Biology, Maths, Inorganic and Organic Chemistry, Physics, Computer Skills

2nd year: Conservation Ecology, Biodiversity and Ecology, Zoology, Biochemistry, Biometry, Business Management, Sociology (social anthropology).

3rd year: Conservation Ecology, Biodiversity and Ecology, Genetics, Soil Science, Industrial Psychology

4th year: Conservation Ecology, Agronomy, Agricultural Economics, Entomology, GIS,

Zoology

Third and Fourth Year assignments included the following unpublished work:

Pearson, A. J. 2003. Effects of habitat fragmentation on diversity of rodents and their possible dispersal of seeds as well as on the percentage cover and average height of plants: Betty's Bay, South Africa. *Report on results collected on class field trip.*

Cox, J.M., Larkman, R., Bind, C.M., Pearson, A. J. and Cramer, S. 2004. Use of stream microcosms to determine the effect of sub-lethal, field-relevant concentrations of Azinphosmethyl on the drift behavior of leptophlebiid mayflies.

Pearson, A.J. 2005. An assessment of the pollution effects of the Wine Production Process on the environment in the Stellenbosch wine region, South Africa. *Final year Integrative assignment.*

Keick, M., Pearson, A.J., Cook, P., Snyman, D., and Milton, S.J. 2005. Post Mine Recovery of Succulent Karoo Strandveld, Namakwa Sands Mine, South Africa. *Poster to be presented at AZEF 2005.*

1995-1999

Camps Bay High School

Highest Standard Passed: Senior Certificate with Matric Exemption, B aggregate.

Subjects Taken (All on HG): English (B+), Afrikaans (C), Maths (D), Biology (B), History (B+) & Science (C).

Achievements: Science Olympiad 1998 & 1999, House prefect, 1999. 1st Team cricket & Hockey 1997-99.

CONFERENCES & SEMINARS

May 2012

Endangered Wildlife Trust's Birds of Prey Programme (BoPP), Annual Conference 2012. De Hoop Nature Reserve, Western Cape.

March 2012

Power & Electricity World Africa 2012. Sandton Convention Centre, Johannesburg.

October 2011

Wind Energy and Birds – Information Week. Hosted by the Endangered Wildlife Trust, Darling, Western Cape.

September 2011

The South African Wind Energy association (SAWEA), inaugural Conference and Expo, "WINDABA". CTICC, Cape Town.

August 2011

IAIA South Africa, 2011 Conference.

March 2011

2011 Wildlife and Energy Symposium, Hebron Haven, KZN

Hosted by the Endangered Wildlife Trust (EWT) - WEP.

ADDITIONAL SKILLS

- Google GEO tools and Google Earth.
- Computer Skills: Office 2007 incl. Microsoft Word, Excel, Outlook and PowerPoint; ArcGIS, Statistica.
- Field work skills involving various sampling methods, data capturing & analysis.
- Excellent knowledge of fauna (especially birds) and flora.
- Basic Fire Fighting course- *Action Training Academy*
- Rifle handling and 4x4 driving skills
- PADI Open Water Diver

REFERENCES

1) Jonathan Smallie

Independent Avifaunal Specialist and Professional Natural Scientist. Tel: 0824448919

2) Mr. Pieter Els

Group Quality and Environmental Manger (GQEM), Basil Read (Pty) Ltd. Tel: 011 418 6427

3) Prof. Allison Leslie

Lecturer and Head of Department: Conservation Ecology, University of Stellenbosch. Tel: (021) 808 3304