

Aiden Biccard - *Curriculum Vitae*

Nationality South African

Educational qualifications

Year	Institution	Degree
2009-2012	University of Cape Town	Master of Science: Systematics, Taxonomy and Biogeography of South African Thoracic Cirripedia
2007	University of Cape Town	Bachelor of Science Honours: Botany (Ecology and Phycology)
2004-2006	University of Cape Town	Bachelor of Science: Majors in Zoology and Botany

Employment and career history

Date	Organisation	Location	Position	Responsibilities
November 2011	C4 Eco-solutions	Tokai, Cape Town, South Africa	Lab assistant (part time)	<ul style="list-style-type: none"> • Processing of samples, database construction and data capture
Mar 2010 – Oct 2010	Council for Scientific and Industrial Research	Stellenbosch, South Africa	Commercial/Scientific diver (part-time)	<ul style="list-style-type: none"> • Deployment and recovery of instruments
Mar 2007 - Current	Zoology Department, University of Cape Town	Cape Town, South Africa	Demonstrator	<ul style="list-style-type: none"> • Demonstration of practical lab techniques to undergraduate students • Field trip staff • Marking of assignments and tests. • Invigilating tests/exams
Dec 2007 – current	Anchor Environmental cc.	Cape Town, South Africa	Commercial/Scientific diver & supervisor Research/Lab Assistant (part-time)	<ul style="list-style-type: none"> • Collection of samples and data in the field • Labwork – processing of samples. • Data capture
January 2007	Botany Department, University of Cape Town	Elandsbaai & Cape Columbine, South Africa	Project coordinator/Research field assistant (Hons project)	<ul style="list-style-type: none"> • Experimental design • Organisation and budget of field trip • Sample collection • Data analysis and report write-up
January 2006	Zululand Tree Project	Hluhluwe Umfolozi Game Reserve, KZN, South Africa	Research Technician (part-time)	<ul style="list-style-type: none"> • Field data collection

Other work experience

Date	Organisation	Location	Position	Responsibilities
May 2003 – December 2010	Cyclelab Retail	Westlake & Northgate Island, Cape Town	Sales assistant and acting floor manager (part-time).	<ul style="list-style-type: none"> • Customer service, professional customized bike fitment, point of sale • Cash-up and end-of-day processing • Key holder - opening and closing of store. • Ordering stock and dealing with suppliers • Stock counts • Building and maintenance of bicycles • Merchandising of stock
April 2001 – May 2003	Logan's Sportsman's Warehouse Tokai	Tokai, Cape Town	Sales assistant (part-time).	<ul style="list-style-type: none"> • Customer service • Merchandising stock • Ordering stock and dealing with suppliers • Building and maintenance of bicycles.

Key skills, competencies and experience

- Experimental design, conducting field work, data collection/capture, compiling reports – experienced in marine, fresh-water and terrestrial environments
- Statistical analyses and spread sheet modelling
- Excellent communication – ability to communicate well with other people and present seminars/talks,
- Excellent leadership skills - achieved Springbok Scout Award (2003)
- Practical lab experience – dissections, microscopy, flourometry, spectrophotometry, stable isotope analysis, organic carbon content analysis, particle size fractionation, Munsell soil colour chart classification, DNA extraction and PCR, rearing and maintaining live specimens, keying-out specimens, preservation and display of specimens
- Taxonomy – highly competent with identification of invertebrate and vertebrate taxa
- Competent use of equipment in the field – experienced in deployment and recovery of ADCP's, CTD's, wave-rider buoys, thermistor chains and various other moorings. Competent and experienced with the use of: gill nets; trek nets; fyke nets; hand-held CTD's; plankton tow bongo-nets; Niskin bottles; dissolved oxygen meters; flow meters and more
- Competent in various sampling methods (marine, freshwater and terrestrial) – transect sampling, quadrat and plot sampling, exclusion plots, trap setting, mark-recapture, river profiles and more
- Technologically/mechanically competent – good understanding and use of equipment, basic repair and maintenance of equipment, design and construction of instruments/equipment for use in the field
- Organisational skills – budgeting and coordinating field-work, sourcing and managing equipment, logistics and keeping on a tight schedule
- Fully qualified and medically in date class IV commercial dive supervisor and class IV commercial diver – specializing in scientific research
- Qualified (and in date)level 3 emergency care first aider

Systems Experience

Microsoft Office 2010 suite (Advanced); Statistica 10 (Advanced); Primer v6 (Advanced); SigmaPlot 10.0 (Advanced); SigmaStat 10.0 (Advanced); Community Analysis Package (Advanced); Adobe Photoshop CS5 (Moderate); ArcView 3.1/ArcGIS (Moderate); Geneious 5.10 (Moderate); Seqman (Advanced); BioEdit (Advanced); Mr. Bayes (Moderate); Paup (Moderate); Internet/email (Advanced)

Conference attendance and research output

2011 *9th South African Society for Systematic Biology Congress, Grahamstown*
Speaker and delegate

South African Marine Science Symposium (SAMSS), Grahamstown
Poster presentation and delegate

2009 *8th South African Society for Systematic Biology Congress, Durban*
Poster presentation and delegate

2008 *The International Eastern Boundary Upwelling Symposium, Las Palmas, Canary Islands*
Poster presentation and delegate

South African Marine Science Symposium (SAMSS), Cape Town
Speaker and delegate

Publications

Biccard A & Midgley JJ. 2009. Rodent pollination in *Protea nana*. *South African Journal of Botany***75**, 720–725.

Whitehead O, Biccard A & Griffiths CL. 2011. South African pelagic goose barnacles: substratum preferences and influence of plastic debris on abundance and distribution. *Crustaceana***84** (5-6), 635-649.

Publications in prep.

Biccard A, Pfaff MC & Branch GM. *Fast food*: the transport of particulate organic matter over an upwelling event on the west coast of South Africa.

Biccard A, Schiffer P, & Kerckhof F. Additions to the Cirripede Fauna of South Africa.

Biccard A. Taxonomic key and biogeography of South African Cirripedia.

Languages

English (Excellent), Afrikaans (Moderate)

Interests

Life sciences research, SCUBA diving (commercial class IV), spearfishing, fishing, Ultimate Frisbee, surfski, mountain biking, hiking, camping, photography, squash, underwater hockey.

References available on request