

Curriculum Vitae

TAMARA BRIDGETT ROBINSON

Personal Details

Identity Number: 7807250083087
Residential Address: 8 Chaucer Road, Claremont, 7708
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E-Mail Address: Tamara.Robinson@uct.ac.za
Birth: Carletonville 1978 – 07 – 25 (Age: 31)
Nationality: South African
Marital Status: Married to Wynand Anton Smythe (2000)
Children: Kierha Beth Smythe and Damian Dyllan Smythe

Education

Westfields Primary School: 1985 – 1991
 Prefect: 1991
Carleton Jones High School: 1992 – 1996
 Prefect: 1996
University of Port Elizabeth: 1997 – 1999
 BSc
 Final Year Subjects: Zoology
 Botany
 Best final year zoology student
University of Cape Town: 2000 – 2005
 2000: BSc (Honours) in Marine Biology
 2001, 2002, 2003, 2004, 2005: PhD
 Supervisors: Prof. C.L. Griffiths, Prof. G.M. Branch & Dr A Govender
 Thesis title: Marine invasive species along the South African coast: threats and opportunities.
Rhodes University: 2003
 Short course: Environmental Impact Assessment Procedures

Professional Experience

Lecturing

University of Cape Town
2nd Year Invertebrate Zoology (ZOO 201S)
 2005
2nd Year Ecology (BIO2004F)
 2007
3rd Year Marine Ecology (ZOO302F)
 2006, 2009
Environmental and Geographical Science MPhil (Marine Ecology)
 2005, 2006, 2007, 2008, 2009, 2010
Scientific Computing (MS Word, Excel, Power Point) for Zoology Honours, Applied Marine MSc and Conservation Biology MSc classes

2003 – 2005
Conservation Biology MSc (Marine Alien Species)
2008

Organisation for Tropical Studies
South African Marine Ecology & Sustainable Utilisation of Marine Resources
Honours level post-graduate students
2005, 2007

Supervising Post Graduate Students

Ms. J. Basson (Co-supervisor) 2003
Honours project title: Species associated with the transfer of the alien oyster
Crassostrea gigas between Knysna and Port Elizabeth

Ms. S. Nakanwe (Co-supervisor) 2006
Honours project title: Diet of the alien crab *Carcinus Maenas* along South
African shores.

Ms. T. Haupt (Co-supervisor) 2007-2009
MSc project title: Translocation of marine alien species in South Africa.

Research Assistant

Prof. Alec Brown (University of Cape Town) 2001 & 2002

Consulting

International Maritime Organisation
2001 – Intertidal marine invasive species survey of Saldanha Bay &
Langebaan Lagoon (forming part of the IMO Saldanha Bay Port Survey)

Anchor Consulting
2001 – Sorting & Identification of Foraminifera samples
2005 – Rocky shore component of the Water Quality Assessment of
Saldanha Bay

Centre for Marine Studies
2002 – Sorting and identification of benthic macrofaunal samples
2003 – Desktop environmental description of the Benguela Upwelling Region

Pisces Environmental Services
2004 – Sorting and identification of benthic macrofaunal samples

Fishing and Mariculture Development Association of the Northern Cape (FAMDA)
2003 – 2005
Experimental harvesting of the alien mussel *Mytilus galloprovincialis* by local
people of the Northern Cape: Experimental design, data collection, analysis
and report writing.

Koeberg Nuclear Power Station
2004-present – Bi-annual marine environmental monitoring programme

SRK Consulting
2005 – Marine ecology specialist report for the Koeberg Nuclear Power
Station Site Safety Report

Strategic Environmental Focus (Pty) Ltd
2006 – Sorting and identification of benthic macrofaunal samples

Chand Environmental Consultants
2006 – Marine ecology specialist report for the Granger Bay Precinct EIA

Arcus Gibb

2007 – Marine ecology specialist for the Pebble Bed Modular Reactor Demonstration Power Plant EIA

2008 – Assessment of oceanographic impacts for the Pebble Bed Modular Reactor Demonstration Power Plant EIA

South African Biodiversity Institute

2009 – Review of the impacts of oil and gas infrastructure off the coast of South Africa

Editing

SANCOR (South African Network for Coastal & Oceanographic Research)

2002 – 2004

Student Editor of the SANCOR newsletter

Dr J.A. King (Southern Waters Ecological Research & Consulting)

2003 & 2004

Technical editing of Water Research Commission reports

Review of articles for Scientific Journals

South African Journals

African Journal of Marine Science – 2007

International Journals

Marine Biology – 2007

Marine Ecology Progress Series – 2007

Scientific Publications

Robinson, T.B. & C.L. Griffiths 2002 – Invasion of Langebaan Lagoon, South Africa, by *Mytilus galloprovincialis* – effects on natural communities. *African Zoology* 37: 151-158.

Robinson, T.B. & C.L. Griffiths 2004 – Distribution and status of marine invasive species in and bordering the West Coast National Park. *Kudu* 47: 79-87.

Robinson, T.B., Griffiths, C.L., McQuaid, C.D. & M. Ruis 2005 – Marine alien species of South Africa – status and impacts. *African Journal of Marine Science* 27: 297-306.

Robinson, T.B., Griffiths, C.L., Tonin, A., Bloomer, P. & M.P. Hare 2005 – Naturalized populations of *Crassostrea gigas* along the South African coast: distribution, abundance and population structure. *Journal of Shellfish Research* 24: 443-450.

Robinson, T.B., Branch, G.M., Griffiths, C.L. & A. Govender 2007 – Effects of experimental harvesting on recruitment of an alien mussel *Mytilus galloprovincialis*. *Journal of Experimental Marine Biology and Ecology* 345: 1-11.

Robinson, T.B., Branch, G.M., Griffiths, C.L., Govender, A. & P.A.R. Hockey 2007 – Effects of the invasive mussel *Mytilus galloprovincialis* on rocky intertidal community structure in South Africa. *Marine Ecology Progress Series* 340: 163-171.

Robinson, T.B., Branch, G.M., Griffiths, C.L. & A. Govender 2007 – The invasion and subsequent die-off of *Mytilus galloprovincialis* in Langebaan Lagoon, South Africa: effects on natural communities. *Marine Biology* 152: 225-232.

Robinson, T.B., Govender, A., Griffiths, C.L. & G.M. Branch 2007 – Experimental harvesting of *Mytilus galloprovincialis*: can an alien mussel support a small-scale fishery? *Fisheries Research* 88: 33-41.

Robinson, T.B., Branch, G.M., Griffiths, C.L. & A. Govender 2008 – Resilience and elasticity of intertidal communities in response to harvesting of the alien mussel *Mytilus galloprovincialis*. *Journal of Experimental Marine Biology and Ecology* 354: 167-181.

Branch, G.M., Odendaal, F. & T.B. Robinson 2008 - Long-term monitoring of the arrival, expansion and effects of an alien mussel *Mytilus galloprovincialis* relative to wave action. *Marine Ecology Progress Series* 370: 171-183.

Griffiths, C.L., Mead, A & T.B. Robinson 2009 – A brief history of marine bio-invasions in South Africa. *African Zoology*. 44: 241-247.

Griffiths, C.L., Robinson, T.B., Lange, L. & A. Mead In press – Marine biodiversity in South Africa: an evaluation of current states of knowledge. *PLoS Biology*.

Branch, G.M., Odendaal, F. & T.B. Robinson In press – Competition and facilitation between the alien mussel *Mytilus galloprovincialis* and indigenous species: moderation by wave action. *Journal of Experimental Marine Biology and Ecology*.

Haupt, T.M., Griffiths, C.L., Robinson, T.B. & A.F.G. Tonin In press - Oysters as vectors of marine aliens, with notes on four introduced species associated with oyster farming in South Africa. *African Zoology*.

Haupt, T.M., Griffiths, C.L., Robinson, T.B. Tonin, A.F.G. & P.A. De Bruyn In press – History and status of oyster exploitation and culture in South Africa. *Journal of Shellfish Research*

Book Chapters

Griffiths, C.L., Robinson, T.B. & A. Mead (2008) The status and distribution of marine alien species in South Africa. In: Rilov G, Crooks J (eds) *Biological Invasions in Marine Ecosystems: Ecological, Management and Geographic Perspectives*. Springer, Heidelberg. 393-408.

Griffiths, C.L., Robinson, T.B. & A. Mead (In press) The alien marine crustaceans of South Africa. In: *In the wrong place: Alien marine crustaceans – Distribution, biology and impacts*. Springer, Heidelberg

Conference Proceedings

Robinson, T.B. & C.L. Griffiths Southern African Marine Science Symposium, Swakopmund, Namibia, July 2002. Invasion of Langebaan Lagoon, South Africa, by *Mytilus galloprovincialis* – effects on natural communities.

Griffiths C.L. & T.B. Robinson Third International Conference on Marine Bioinvasions, La Jolla, California, March 2003. Status & ecological impacts of marine invasive aliens in South Africa.

Robinson, T.B. & C.L. Griffiths Joint Conference of Southern African Society of Aquatic Sciences and the Zoological Society of Southern Africa, Cape Town, South Africa, June 2003. Status and ecological impacts of marine invasive aliens in South Africa.

Robinson, T.B. & C.L. Griffiths Southern Connections, Cape Town, South Africa, January 2004. Status and ecological impacts of marine invasive aliens in South Africa.

Robinson, T.B. & C.L. Griffiths Southern African Marine Science Symposium, Durban, South Africa, July 2005. Resilience and elasticity of intertidal communities in response to harvesting the mussel *Mytilus galloprovincialis*.

Reaugh, K.E., Harris, J.M., Branch, G.M. & T.B. Robinson Southern African Marine Science Symposium, Durban, South Africa, July 2005. Five years of intertidal mussel settlement around the coast of southern Africa.

Robinson, T.B., Griffiths, C.L. Branch, G.M., & A. Govender Marine Bioinvasions Conference, Wellington, New Zealand, August 2005. Harvesting of the alien mussel *Mytilus galloprovincialis* by impoverished coastal communities in South Africa: linking biological problems to economic answers.

Griffiths C.L. & T.B. Robinson Fourteenth International Conference on Aquatic Alien Species, Key Biscayne, Florida, USA, May 2006. The *Mytilus galloprovincialis* invasion of South Africa – threats and opportunities.

Reaugh, K.E., Harris, J.M., Branch, G.M. & T.B. Robinson Seventh International Temperate Reefs Symposium, Santa Barbara, California, USA, July 2006. Relationships between mussel recruitment and adult stocks in southern Africa.

Technical Reports

Robinson, T.B. 2005 – Sustainable harvesting levels for the mussel *Mytilus galloprovincialis* in the Northern Cape. Submitted to FAMDA (Fishing and Mariculture Development Agency)