

Lisa Cawthen

D.O.B: 19th May 1986

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Qualifications

Bachelor of Science with First Class Honours University of Tasmania. 2007
“ Den use by the common brushtail possum in logged and unlogged dry forest in south east Tasmania”

Professional experience

2008 - 2009	Project Officer, Effectiveness of retained areas in production forests, Forest Practices Authority, DIER, Tasmania. AUS
2007- 2008	Scientific Officer, Save the Tasmanian Devil Program, DPIW, Tasmania. AUS
2007	Demonstrator, Second year Zoology, University of Tasmania. AUS

Volunteer experience

2008 - Present	Orphan wildlife carer
2007	Save the Tasmanian devil – field assistant
2007	Young Tassie Scientist Program - speaker
2005-2007	University of Tasmania Student Volunteer Research Program - volunteer
2006	Save the Tasmanian devil - assistant keeper at captive breeding facility
2005-2006	University of Tasmania Student Ambassador

Research skills

- Design, organisation and management of scientific field programs and volunteers
- Fieldwork in remote and isolated areas
- Animal trapping and handling (Inc. brushtail possums, eastern and spotted tail quolls, Tasmanian devils and other small mammals)
- Radiotelemetry (UHF and VHF GPS radio-transmitters on brushtail possums and Tasmanian devils)
- Biosecurity and disease management (Devil Facial Tumour Disease)
- Biopsying and blood sampling (Tasmanian devils)
- Animal husbandry
- Data analysis (including GIS)
- Scientific writing and presentations

Publications

Cawthen, L., Munks, S., Richardson, A. and Nicol, S. (August 2009) The use of temperature dataloggers to determine the use of tree hollows by small mammals, accepted for publication in *Ecological Management and Restoration*.

Cawthen, L (2008) The final chapter in search of the sleeping poss, *Forest Practices News*, 9 (1), 27-28.

Cawthen, L (2007) Den use by the common brushtail possum in logged and unlogged dry forest in SE Tasmania, Honours Thesis, University of Tasmania.

Cawthen, L. and Munks, S (in prep) Assessing the effectiveness of management actions for hollow-using fauna: the use of hollow-bearing trees in logged and unlogged forest by the Tasmanian common brushtail possum (*Trichosurus vulpecula fuliginosus*).

Presentations

Cawthen, L., Munks, S., and Richardson, A. (2008) The use of retained trees, in logged areas, by the common brushtail possum at *Australian Mammal Society Conference*, Darwin. Australia. Spoken by self

Cawthen, L., Munks, S., and Richardson, A. (2008) Den use by the common brushtail possum in logged and unlogged dry forest in SE Tasmania at the International *Old Forest New Management Conference*, Hobart. Australia and the *Cooperative Research Centre for Forestry Annual Science Meeting*, Launceston, Australia. Poster presented by self

Cawthen, L., Munks, S., and Richardson, A. (2007) Den use by the common brushtail possum in logged and unlogged dry forest in SE Tasmania at the *Australasian Wildlife Management Society and International Fenner Conference*, Canberra. Australia and *Hollows Symposium* hosted by the Forest Practices Authority, Hobart. Australia. Spoken by self

Selected Grants and awards

2009	Holsworth Wildlife Research Endowment grant
2009	M.A. Ingram Trust grant
2008	Cooperative Research Centre for Forestry scholarship
2008	Australian Postgraduate Award
2007	Forest Practices Authority Student Research Grant
2007	UTAS School of Zoology Honours Scholarship
2003	Newstead College award for Environmental Studies

Professional affiliations

- Australasian bat society
- Australian mammal society
- Ecological society of Australia
- Corporative Research Centre for Forestry
- Wildlife preservation society of Australia
- Royal zoological society of New South Wales
- Australasian wildlife management society

Personal Attributes

I think of myself as someone who is enthusiastic, friendly, outgoing and has a zest for life and a willingness to learn. The skills that I have gathered throughout life allow me to approach obstacles with a positive attitude and I believe that with this attitude I am always able to be reliable, organised and hard working in any working environment whether it in the field, laboratory or office.

Academic Objectives

My main academic interest lies within applied academic research in the area of conservation ecology. One of my main research interests is how species and communities use fragmented landscapes, and whether habitat fragmentation has any short or long term impacts for those species or communities. I then want to apply this research to sound conservation-based management strategies.

Career Objectives

I am interested in pursuing a career in applied scientific research and environmental management, particularly in the area of fauna management and conservation. I want to work towards more sustainable land-use practices so that a balance can be reached between industry, the community and the environment. To do this, I want to work in a range of fields including academic research, the natural resource industry and captive breeding and conservation programs.

Referees

Sarah Munks
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