

Margaret TURTON

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QUALIFICATIONS

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| 1994 | Graduated with Bachelor of Applied Science degree at Charles Sturt University - Murray. Majoring in Parks and Recreation. |
| 1979 | Photography Certificate - Sydney TAFE. |
| 1976 | Animal Technicians Certificate - Sydney TAFE. |

WORK HISTORY

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| Jan 2005 – present | Director, Epacris Environmental Consultants Pty Ltd
Recent projects include: <ul style="list-style-type: none">• Microchiroptern Survey of Sydney Olympic Park• Walking Track Master Plan for Illawarra State Conservation Area.• Preparation of POM for Jackson Park (BMCC)• Preparation of POM for Kemps Creek Nature Reserve (DEC)• Preparation of POM for Hoxton Park Nature Reserve (DEC)• Preparation for Fire Management Plan for Jenolan Caves Trust.• Microchiropteran survey of Glen Davis, Turon and Newnes. (NPWS) 2004. |
| Jan 2005 to May 2005 | Acting Environmental Scientist
Blue Mountains City Council. |
| Sept. 2004 to Jan 2005 | Acting Project Officer, Aquatic Systems, City Solutions
Blue Mountains City Council. |
| April 2004 to July 2004 | Acting Environmental Scientist (Fire) with Environmental Management, City Solutions. Blue Mountains City Council |
| June 2004 to November 2004 | Project work – mapping the distribution of Spotted-tailed Quoll throughout southern NSW for the preparation of the National Recovery Plan. NPWS. |
| 1990 to present | Currently conducting a survey on "The Status and Distribution of Tiger Quoll in the Blue Mountains." under license from NPWS. This |

has involved extensive cage and small mammal trapping, and the use of hair tubes. At present involves mapping of sightings in the Blue Mountains Region.

- July 2003 to April 2004 Threatened Species Officer (temporary) Threatened Species Unit, National Parks & Wildlife Service (based in Blue Mountains City Council). Part funded by NPWS & BMCC.
- Nov. 2002 to July 2003 Environmental Scientist with Environmental and Customer Services, Blue Mountains City Council. Duties include Assessing Development Applications for Environmental impact, Vegetation and Fauna surveys prior to Hazard reductions, Staff training.
- 1999 to 2002 Bush Regeneration Project Supervisor for Urban Runoff Control Program Blue Mountain City Council. Duties include, supervising Bush Regeneration contracts, project management, field supervision, supervision of contractual obligations, payment of invoices, liaison with Bush Regeneration contractors, the public, Council staff, NPWS and other Authorities. Organisation of workshops, preparation of leaflets, design of interpretive signs. Preparation of Plans of Management.
- 1998-99 Wrote Draft Species Recovery Plans for *Epacris hamiltonii*, *Eucalyptus copulans*, *Eucalyptus benthamii*, *Eucalyptus* sp. 55 (*Howes Swamp*) and *Grevillea obtusiflora* for NPWS Sydney Zone Team. This included project management, literature and database searches, field survey, collation and interpretation of data and final plan preparation for each species.
- 1997 Wrote Draft Fire Management Plan for Sydney Harbour and Botany Bay (North) National Parks.
- 1997 Endangered fauna survey of Kedumba Valley for Sydney Water
- 1997 Threatened Species Officer (part-time) Endangered plant surveys on *Epacris hamiltonii* and *Eucalyptus copulans*. Sydney Zone Team.
- 1997-99 Teacher 'Fauna Survey Techniques' component of 'Outdoor Guides Course' at Blue Mountains TAFE.
- 1996-2000 Organized weeding of Katoomba Falls and Leura Falls adjacent to threatened *Microstobos fitzgeraldii* populations. This involves organising and co-ordinating bush regenerators, climbers, interested parties, liaison with other Authorities and the media with resulting extensive newspaper and television coverage. Preparation of funding grant applications.
- 1996 Acting Ranger - Gardens of Stone, Blue Mountains National Park.
- 1996 Employed as Project Officer (Grade 1/year 5) with the Biodiversity Co-ordination Unit, Environmental Survey & Research Branch, N.P.&W.S. Duties include the implementation and co-ordination of a

bibliography of the Ecology and Taxonomy of Bat species occurring in NSW; Liaising with bat workers Australia-wide; Updating and publishing of technical information on survey techniques; Assisting biodiversity surveys as required; Assisting in report preparation of UBBS results, writing of species profiles.

- 1995 Employed as Technical Officer (Fire) (acting) at N.P. & W.S. Blue Mountains District. Duties include : Mapping of fire occurrences, Preparation of Fire Plans and Contact lists, Use of AREV and GIS applications, Assistance in the management of fires, both prescribed and wild. Liaison with other fire authorities.
- 1994 Endangered plant survey on *Epacris hamiltonii*, an Australian Nature Conservation Agency funded project. Part-time.
Duties : to determine flowering/fruiting times, seed productivity and germination viability. Searching for new plant sites, air photo interpretation, mapping and report writing. Liaison with botanic gardens re: ex situ propagation.
- 1993 to 1999 Actively involved in NPWS Biodiversity Project, assisting with organisation of field trips, chairing of meetings. Assisted in the co-ordination and the implementation of biodiversity surveys to the Wolgan Valley, Mellong Swamp, Winburndale, Gaspers Mountain and Gardens of Stone with NPWS (Blue Mtns) Biodiversity Committee.
- 1994-1995 Assisted in the establishment of the Atlas of NSW Wildlife, a database of fauna sightings with National Parks & Wildlife Service, Head Office. Part-time. Duties : data searches, data input, knowledge of AREV applications, record validation, Identification of specimens, literature searches.
- 1990 to 1995 Employed (part-time) by National Parks & Wildlife Service, Blue Mountains District, to conduct Interpretative bushwalks, slide shows, talks and spotlight walks for Schools and Community groups.
- 1992-1999 Numerous Fauna and Flora surveys throughout NSW.

PUBLICATIONS

- ✪ Weston, P and Turton, M. (2004) *Phebalium bifidum* (Rutaceae), a new species from the Capertee Valley, New South Wales. *Telopea*.
- ✪ Turton, M & Melick, D (2001) The problematical protection of *Microstrobos fitzgeraldii* — living in a World Heritage area exposed to urban influences. **In** *Ecological Management and Restoration* (1999)
- ✪ Turton, M. (1993) Notes on skin disease in the Tiger Quoll (*Dasyurus maculatus*) **In** *The Sydney Basin Naturalist* : Dec.1993:2.
- ✪ Turton, M (1995) Species Profile on *Epacris hamiltonii* **In** *Danthonia* Vol 4:2.
- ✪ Species Recovery Plan *Epacris hamiltonii* Annual Report 1995
- ✪ Species Recovery Plan *Epacris hamiltonii* Annual Report 1996

- ✧ Species Recovery Plan *Epacris hamiltonii* Annual Report 1997
- ✧ Bats and Mines: Endangered Species in Endangered Habitat.
The Australasian Bat Society Newsletter October 1997:9.
- ✧ Draft Species Recovery Plan *Epacris hamiltonii* 1998
- ✧ Draft Species Recovery Plan – Three Eucalypts: *Eucalyptus benthamii*,
Eucalyptus copulans and *Eucalyptus sp. 55 (Howes Swamp)* 1999
- ✧ Draft Species Recovery Plan *Grevillea obtusiflora* 1999
- ✧ Turton, M. (1996) 'The Batatalogue' Bibliography of the Ecology
and Taxonomy of Bat Species occurring in NSW. NPWS.
- ✧ Bat Marking Techniques - A Review; in preparation.
- ✧ Turton, M (1998) Species update on *Epacris hamiltonii* **In** *Danthonia*
Vol 6:4.

PROFESSIONAL MEMBERSHIPS

- ✧ Committee Member, Australasian Bat Society.
- ✧ Member, Australian Zoological Society.
- ✧ Member, Ecological Society of Australia.