

# CURRICULUM VITAE

## Dr Michael G. Rix

### Personal Details:

Name: Michael Gordon RIX

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### Scientific Background:

Since 1999, I have maintained an active research programme in arachnid systematics, publishing monographs, taxonomic revisions, molecular and morphological phylogenetic analyses, smaller species descriptions and biological observations on several groups.

I have a particular research interest in southern-temperate and Australasian micro-spiders, and in the systematics, biogeography and conservation of terrestrial invertebrates.

### Education:

Ph.D. (Distinction) University of Western Australia, 2009

B.Sc. (First Class Honours) University of Queensland, 2004

B.Sc. (Zoology and Entomology) University of Queensland, 2003

### Awards:

2009: University of Western Australia **Robert Street Prize**, "for the Ph.D. thesis which has, in the opinion of the Board of the Graduate Research School, made the most outstanding contribution to its field."

2004: University of Queensland **University Medallist**

2003: University of Queensland **F. A. Perkins Prize** for Entomology

2002: University of Queensland **F. A. Perkins Prize** for Entomology

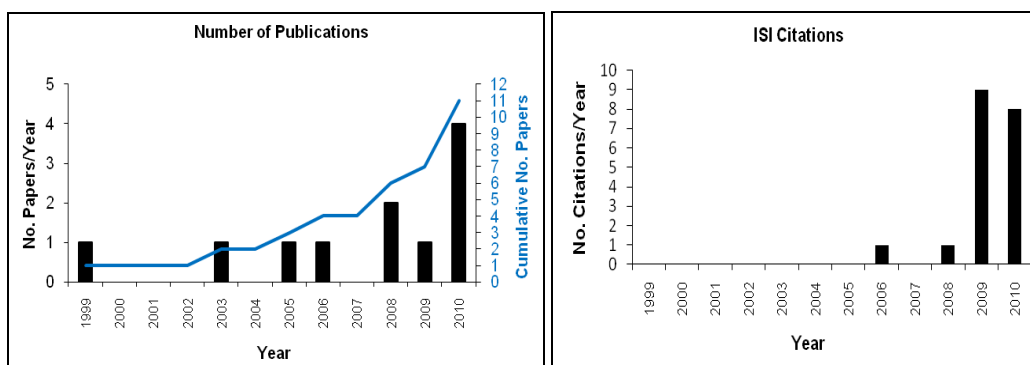
### Employment:

2009-Present: *Postdoctoral Research Officer*, Department of Terrestrial Zoology, Western Australian Museum.

2004: *Tutor and Research Assistant* for Associate Professor Stephen Barker, School of Molecular and Microbial Sciences, University of Queensland.

2002: *Tutor* in 3<sup>rd</sup> Year Genetics at the University of Queensland.

**Refereed Publications 1999-2010 (\* denotes significant publications):**



11. Wojcieszek, J.M., Harvey, M.S. and **Rix, M.G.** (2010). Optimised captive husbandry conditions for the Western Australian 'Marri Millipede' *Antichiropus variabilis* (Diplopoda: Polydesmida: Paradoxosomatidae), with notes on natural history and tissue preservation techniques. *Records of the Western Australian Museum* in press.

Citations = 0; ISI Impact Factor = NA; ARC Journal Ranking Tier = C.

10. \***Rix, M.G.**, Harvey, M.S. and Roberts, J.D. (2010). A revision of the textricellin spider genus *Raveniella* (Araneae: Araneoidea: Micropholcommatidae): exploring patterns of phylogeny and biogeography in an Australian biodiversity hotspot. *Invertebrate Systematics* in press.

Citations = 0; ISI Impact Factor = 1.606; ARC Journal Ranking Tier = B.

9. \***Rix, M.G.** and Harvey, M.S. (2010). The first pararchaeid spider (Araneae: Pararchaeidae) from New Caledonia, with a discussion on spinneret spigots and egg sac morphology in *Ozarchaea*. *Zootaxa* **2414**: 27-40.

Citations = 0; ISI Impact Factor = 0.891; ARC Journal Ranking Tier = C.

8. \***Rix, M.G.** and Harvey, M.S. (2010). The spider family Micropholcommatidae (Arachnida, Araneae, Araneoidea): a relimitation and revision at the generic level. *ZooKeys* **36**: 1-321.

Citations = 1; ISI Impact Factor = 1.133; ARC Journal Ranking Tier = NA.

7. **Rix, M.G.**, Roberts, J.D. and Harvey, M.S. (2009). The spider families Synotaxidae and Malkaridae (Arachnida: Araneae: Araneoidea) in Western Australia. *Records of the Western Australian Museum* **25**: 295-304.

Citations = 0; ISI Impact Factor = NA; ARC Journal Ranking Tier = C.

6. **Rix, M.G.** (2008): A new species of *Micropholcomma* (Araneae: Araneoidea: Micropholcommatidae) from Western Australia. *Records of the Western Australian Museum* **24**: 341-346.

Citations = 1; ISI Impact Factor = NA; ARC Journal Ranking Tier = C.

5. \***Rix, M.G.**, Harvey, M.S. and Roberts, J.D. (2008). Molecular phylogenetics of the spider family Micropholcommatidae (Arachnida: Araneae) using nuclear rRNA genes (18S and 28S). *Molecular Phylogenetics and Evolution* **46**: 1031-1048.

Citations = 11; ISI Impact Factor = 3.556; ARC Journal Ranking Tier = A.

4. \***Rix, M.G.** (2006). Systematics of the Australasian spider family Pararchaeidae (Arachnida: Araneae). *Invertebrate Systematics* **20**: 203-254.

Citations = 5; ISI Impact Factor = 1.606; ARC Journal Ranking Tier = B.

3. \***Rix, M.G.** (2005). A review of the Tasmanian species of Pararchaeidae and Holarchaeidae (Arachnida, Araneae). *Journal of Arachnology* **33**: 135-152.

Citations = 2; ISI Impact Factor = 0.730; ARC Journal Ranking Tier = C.

2. **Rix, M.G.** (2003). Blastobasine coleophorid moths as prey for the Australian araneid spider *Celaenia calotoides* Rainbow. *Memoirs of the Queensland Museum* **49**: 28.

Citations = 0; ISI Impact Factor = NA; ARC Journal Ranking Tier = NA.

1. **Rix, M.G.** (1999). A new genus and species of ant-mimicking jumping spider (Araneae: Salticidae) from southeast Queensland, with notes on its biology. *Memoirs of the Queensland Museum* **43**: 827-832.

Citations = 1; ISI Impact Factor = NA; ARC Journal Ranking Tier = NA.

### Research Grants:

2009-2012: Australian Biological Resources Study (ABRS) research grant (No. 209-08) (to M. Rix and M. Harvey): "Systematics of the Australian Assassin Spiders (Araneae: Archaeeidae): exploring biogeographic patterns in an ancient and iconic arachnid lineage." Amount: AUD **\$210,000**.

2009-2012: Combined grant (to M. Rix and M. Harvey) from Verve Energy and Cliffs Resources to support Australian Biological Resources Study (ABRS) research grant (No. 209-08) on Australian Assassin Spiders. Amount AUD **\$135,000**.

2008: Combined grant (to M. Rix and M. Harvey) from Verve Energy and the Water Corporation to survey populations of Main's Assassin Spider (*Austrarchaea mainae*) on the south coast of Western Australia. Amount: AUD **\$40,000**.

2006-2009: Australian Biological Resources Study (ABRS) Ph.D. research scholarship (to M. Rix). Amount: AUD **\$80,000**.

### Professional Appointments:

2009-Present: Editor of *Australasian Arachnology* (newsletter of the Australasian Arachnological Society).

2006-Present: Associate Editor (Araneae: Palpimanoidea, Eresoidea) for the international taxonomic journal *Zootaxa*.

### Conferences Attended:

18<sup>th</sup> International Congress of Arachnology (Siedlce, Poland, 2010)

17<sup>th</sup> International Congress of Arachnology (São Pedro, Brazil, 2007)

Universitas 21 Undergraduate Research Conference (Charlottesville, U.S.A., 2005)

22<sup>nd</sup> International Congress of Entomology (Brisbane, Australia, 2004)

14<sup>th</sup> International Congress of Arachnology (Chicago, U.S.A., 1998)

### Conference Presentations:

*Genes, trees and tiny spiders: progress and prospects in micropholcommatid systematics.* Presented to the 18<sup>th</sup> International Congress of Arachnology, Siedlce, Poland, 12 July 2010.

*Molecular phylogenetics of the spider family Micropholcommatidae.* Presented to the 17<sup>th</sup> International Congress of Arachnology, São Pedro, São Paulo, Brazil, 7 August 2007.

*Ribosomal RNA Secondary Structure Variation in Spiders (Arachnida, Araneae).* Presented to the Universitas 21 Undergraduate Research Conference, The University of Virginia, Charlottesville, U.S.A., 7 April 2005.

### Lectures and Teaching:

*Taxonomy and nomenclature or... how to describe a new species.* Invited lecture to 2<sup>nd</sup> Year Zoology students at the Curtin University of Technology, Perth, 1 June 2010.

### **Peer Reviews for Scholarly Journals:**

Peer reviews have been provided for the following scholarly journals: *Invertebrate Systematics*, *Journal of Arachnology*, *Memoirs of the Queensland Museum*, *Records of the Western Australian Museum*, *Zootaxa*.

### **Public Outreach:**

*Ants, moths and molecules: insect mimicry by Australian spiders*. Invited presentation to the Western Australian Insect Study Society, Kings Park, Perth, 10 February 2010.

BioGENEius 2009: Official mentor of Shenton College (Perth) Grade 9 student Ms Frances Harvey, for the 2009 BioGENEius Challenge of Western Australia. Ms Harvey won this challenge in Western Australia, and represented Australia at the Sanofi-Aventis International BioGENEius Challenge in Chicago, U.S.A., May 2010.

### **Memberships:**

International Society of Arachnology

American Arachnological Society

Australasian Arachnological Society

Society of Australian Systematic Biologists