

CURRICULUM VITAE: DANILO HARMS

Personal Details:

UNIVERSITY ADDRESS:

School of Animal Biology (M092),
The University of Western Australia,
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MUSEUM ADDRESS:

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Western Australian Museum,
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Education:

- 03/2009 – current Ph.D. Candidate at the University of Western Australia, School of Animal Biology *and* Research Associate at the Western Australian Museum, Perth (Australia)
- Supervisors: Winthrop Professor J. Dale Roberts & Adjunct Professor Mark S. Harvey
- Project: "Phylogeny and phylogeography of pseudoscorpions belonging to the subfamily Pseudotyrannochthoniinae (Arachnida: Pseudoscorpiones: Chthoniidae)"***
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- 2007 – 02/2009 Research Associate at the Museum of Natural History, Berlin (Germany); Dept. of Chelicerata, Myriapoda and stem-group arthropods
- Supervisor: Dr. Jason A. Dunlop
- Project: "Fossil pirate spiders (Arachnida: Araneae: Mimetidae): Systematics and Phylogeny"*
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- 04/2007 Freie Universität Berlin (Free University Berlin, Germany):
- Research-Diploma in Biology (roughly equivalent to Master's Degree)
- Final mark: 1.0 (best possible mark)
Average mark of exams: 1.0 (best possible mark)
Mark of thesis: 1.0 (best possible mark)

Thesis: "Phylogeny of pirate spiders (Arachnida: Araneae: Mimetidae) with reference to the Australasian fauna"

Final examinations: Zoology, Molecular Biology and Animal Physiology

05/2006 – 12/2006 Research visit at the Western Australian Museum, Perth (Australia); Dept. of Terrestrial Zoology
Supervisor: Professor Mark S. Harvey

04/2004 Freie Universität Berlin (Free University Berlin, Germany):
Research-Prediploma in Biology (roughly equivalent to Bachelor's Degree)
Examinations: Animal Physiology, Botany, Genetics, Microbiology, Plant Physiology and Zoology
Average marks:
Biology: 1.9 (possible range: 1.0, excellent - 6.0, failed)
Chemistry: 1.0 (best possible mark)

10/2000 Freie Universität Berlin and Humboldt Universität zu Berlin (Germany):
Start of study course in „Biology“ (Research-Diploma)

05/1999 University-entrance Diploma
Average mark: 1.8 (possible range = 1.0, excellent - 6.0, failed)

Publications:

HARMS, D. & HARVEY, M.S. (2009). Australian pirates: Systematics and phylogeny of the Australian pirate spiders (Arachnida: Araneae: Mimetidae) with a description of the Western Australian fauna. *Invertebrate Systematics* **23**, 231-280.

HARMS, D. & HARVEY, M.S. (2009). A review of the pirate spiders of Tasmania (Arachnida: Mimetidae: *Australomimetus*) with description of a new species. *Journal of Arachnology* **37**, 188-205.

HARMS, D. & DUNLOP, J.A. (2009). A review of the fossil pirate spiders (Arachnida: Araneae: Mimetidae). *Palaeontology* **52**, 779-802.

HARMS, D., DUNLOP, J.A. AND SCHÜTT, K. (2009). Neue Nachweise der Gerandeten Wasserspinne *Dolomedes plantarius* in Brandenburg (Araneae: Pisauridae). *Arachnologische Mitteilungen* **37**, 1-8.

DUNLOP, J.A., **HARMS, D.** AND PENNEY, D. (2008). A fossil tarantula (Araneae: Theraphosidae) from Miocene Chiapas amber, Mexico. *Revista Iberica de Arachnología* **15**, 9-17.

HARMS, D. (2006). Postgraduate Progress Report: Systematics of the Western Australian pirate spiders (Arachnida, Mimetidae). *Australasian Arachnology* 74, 5-9.

Papers in preparation:

HARMS, D. & HARVEY, M.S. First Phylogeny and Systematics of pirate spiders (Arachnida, Araneae, Mimetidae). *In prep.*

HARMS, D. & HARVEY, M.S. First record of pirate spiders from New Caledonia (Arachnida, Araneae, Mimetidae). *In prep.*

HARMS, D. A new genus of pirate spider from Africa, with description of a new species. *In prep.*

Grants & Awards:

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| 03/2009 – current | EIPRS – Endeavour International Postgraduate Research Scholarship; AU\$ 100,000 in total (3-4 years) |
| 03/2009 – current | UPAIS – University Postgraduate Award for International Students; AU\$ 20,427 p.a. (3-4 years) |
| 03/2009 – current | UWA Top-Up Scholarship; AU\$ 5,000 p.a. (3-4 years) |
| 05 – 11/2006 | Exchange Scholarship from the DAAD (German Academic Exchange Service); € 3.300 (6 months) |
| 11/2005 | Grant from the Vincent Roth Fund for systematic research; US\$ 600 (single payment) |

Scientific Background:

Research Interests: Phylogenetic and biogeographic aspects of Evolutionary Biology in general and arachnids in particular. I focus on cladistic and molecular methods but also on alpha-taxonomy.

My research attempts to analyse biodiversity, its origins, evolution and possible conservation. Please also visit: <http://www.australasian-arachnology.org/arachnologists/harms/>

Public Work: Voluntary assistant and occasional lecturer at the Museum of Natural History, Berlin.

Participant in several public outreach events such as the "Long Night of Science" and "Long Night of the Museums" in Berlin.

Research Background:

Extensive work with Dr. Jason Dunlop and the Berlin Museum arachnid collection since 2004.

Voluntary work in the molecular laboratory of Prof. Bartolomaeus; Dept. of Zoology, Freie Universität Berlin and the molecular laboratory at the Museum in Berlin.

Research Visits:

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| 05/2006 – 12/2006 | Western Australian Museum, Perth, Australia |
| 11/2006 | Queensland Museum, Brisbane, Australia |
| 03/2005 | Naturmuseum Senckenberg, Frankfurt am Main, Germany |
| 01/2005 | British Museum of Natural History, London, UK |

Conferences attended (2009):

Darwin 200: Evolution & Biodiversity (25-28.09. in Darwin, Australia)

Presentation: 'Pirates of the dark: 'systematics and first phylogeny of Australasian pirate spiders (Araneae: Mimetidae)'

Memberships:

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| AAS | – American Arachnological Society |
| AAS | – Australasian Arachnological Society |
| AraGes | – German Arachnological Society |
| GfBS | – Gesellschaft für Zoologische Systematik (Society of Zoological Systematics) |
| ISA | – International Society of Arachnology |
| LS NSW | – The Linnean Society of New South Wales |
| RZS NSW | – Royal Zoological Society of New South Wales |

Previous Employment:

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| 05/2007 – 02/2009 | Employee at mediaworxx berlin AG (Company for internet services and computer applications): Dept. of Quality Control. |
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Consultations (2009):

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| 2009 | Manuscript review for Journal of Arachnology |
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Fieldwork experience (2009):

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| 2009 | Southwestern Australia (6 weeks) |
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