

Curriculum Vitae

Prof. Dr. Uwe Fritz



Born: 31st of October 1963, in Backnang, Germany, German citizen
Office: Museum of Zoology, Senckenberg Dresden, Königsbrücker Landstraße
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Education and Academic Positions

1982–1989 **Scholarship**, Studienstiftung des deutschen Volkes (German National Academic Foundation)
1985–1989 **Studies in Biology**, Hohenheim University, Stuttgart (Germany)
1989 **Diploma (Biology)**, Hohenheim University, Stuttgart (Germany)
1990–1996 **Curator for Lower Vertebrates and Insects**, Zoological and Botanical Garden “Wilhelma”, Stuttgart (Germany)
1996 **Doctor rerum naturalium**, Hohenheim University, Stuttgart (Germany); supervisor: Professor Dr. Hinrich Rahmann
1996 **Curator of Herpetology**, Museum of Zoology Dresden
1997 **Deputy Director**, Museum of Zoology Dresden
Lecturer (vertebrate morphology and systematics), Leipzig University, Faculty of Biological Sciences, Pharmacy und Psychology
2000 **Head, Department of Vertebrates**, Museum of Zoology Dresden
2001 **Director**, Museum of Zoology Dresden
2004 **Doctor rerum naturalium habilitatus** and **Venia legendi**, Leipzig University
2005–2009 **Managing Director**, Natural History State Collections Dresden
2008– **Apl. Professor** for Zoology, Leipzig University
2009–2018 **Member of Director’s Board** of Senckenberg Institution, responsible for Collections and Publications
2015– **Senckenberg spokesman** Research Field Biodiversity & Systematics

Honorary Positions

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| 1997–2001 | Council member, German Society of Herpetology and Amphibian/Reptile Husbandry (Deutsche Gesellschaft für Herpetologie und Terrarienkunde, DGHT) |
| 2001– | Member of Director’s Council of German Natural History Museums (Direktorenkonferenz deutscher naturkundlicher Forschungs-sammlungen, DNFS) Member, board of trustees of captive breeding programme of endangered Asian chelonians, Zoological Garden Münster (Germany) |
| 2003– | Member, IUCN Tortoise and Freshwater Turtle Species Survival Commission |
| 2003–2009 | General Secretary, Society of Biological Systematics (Gesellschaft für Biologische Systematik, GfBS) |
| 2009–2011 | Assessor Zoology, Society of Biological Systematics (Gesellschaft für Biologische Systematik, GfBS) |
| 2010–2013 | Trustee, International Trust for Zoological Nomenclature |
| 2011–2014 | Vice President, Society of Biological Systematics (Gesellschaft für Biologische Systematik, GfBS) |
| 2011–2015 | Vice President, Societas Europaea Herpetologica (SEH) |
| 2014–2017 | President, Society of Biological Systematics (Gesellschaft für Biologische Systematik, GfBS) |

Organizer of Congresses and Colloquia

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| 1996 | Annual meeting, German Society of Herpetology and Amphibian/Reptile Husbandry (Deutsche Gesellschaft für Herpetologie und Terrarienkunde, DGHT), Stuttgart, Germany 1 st International Symposium on <i>Emys orbicularis</i> , Dresden, Germany |
| since 2001 | monthly: Dresdener Zoologische Kolloquien, www.senckenberg.de/root/index.php?page_id=12916 |
| 2002 | 3 rd International Symposium on <i>Emys orbicularis</i> , Košice, Slovakia |
| 2002 | leben+erde – Wissenschaft im Dialog, Dresden |
| 2003 | 6th Annual meeting, Society of Biological Systematics (Gesellschaft für Biologische Systematik, GfBS), Dresden, Germany |
| 2005 | Entomologists’ Congress, German Society of General and Applied Entomology (Deutsche Gesellschaft für allgemeine und angewandte Entomologie, DGaaE), Dresden, Germany (in cooperation with the Chair of Forestal Zoology, TU Dresden) |
| 2006 | 48 th Phylogenetic Symposium, Dresden, Germany (Historic Biogeography) |
| 2014 | BioDivEvo 2014, Joint Congress of the Society of Biological Systematics (GfBS) and the section “Biodiversity and Evolutionary Biology” of the German Botanical Society (DBG), Dresden, Germany |
| 2016 | Phylogeography of Turtles and Tortoises, 8 th World Congress of Herpetology, Tonglu, China |

Service in Advisory or Editorial Boards of Scientific Journals

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|--------------------|---|
| 1996–2002 | <i>Salamandra</i> (Deutsche Gesellschaft für Herpetologie und Terrarienkunde) |
| 1998– 2004 | <i>Herpetozoa</i> (Österreichische Gesellschaft für Herpetologie) <i>Biologia</i> (Slovak Academy of Sciences), Guest Editor for Proceedings Volume of 3 rd International Symposium on <i>Emys orbicularis</i> (together with Peter Havaš) |
| 2005–2013 | <i>Chelonian Conservation and Biology</i> (Allen Press) |
| 2007 | <i>Zoologischer Anzeiger</i> , Guest Editor for Proceedings Volume of 48 th Phylogenetic Symposium |
| 2007– 2008– | <i>Biologia</i> (Slovak Academy of Sciences) <i>Turkish Journal of Zoology</i> (Scientific and Technological Research Council of Turkey) |
| 2009– 2010–2015 | <i>Journal of the National Museum (Prague), Natural History Series</i> <i>Zoology in the Middle East</i> (Taylor & Francis) |
| 2010– | <i>Vestník zoologij</i> (Schmalhausen Institute of Zoology of the National Academy of Sciences of Ukraine) <i>Zootaxa</i> (Magnolia Press), Subject Editor for Chelonians (Testudines) |
| 2011– | <i>Acta Herpetologica</i> (Societas Herpetologica Italica), Associate Editor <i>Amphibia-Reptilia</i> (Societas Europaea Herpetologica), Associate Editor <i>Zoologica Scripta</i> (Norwegian Academy of Science and Letters and the Royal Swedish Academy of Sciences) |
| 2017– 2019– | <i>Vertebrate Zoology</i> (Senckenberg Dresden), Editor-in-Chief <i>Journal of Biogeography</i> (Wiley), Editorial Review Board |

Recent Service as Reviewer

For Journals [ISI Impact Factor 2017]:

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| <i>Acta Herpetologica</i> [0.729] | <i>Journal of Biogeography</i> [4.154] |
| <i>African Journal of Herpetology</i> [0.500] | <i>Journal of Zoological Systematics and Evolutionary Research</i> [3.286] |
| <i>American Museum Novitates</i> [0.979] | <i>Organisms, Diversity & Evolution</i> [2.369] |
| <i>Amphibia-Reptilia</i> [1.105] | <i>PeerJ</i> [2.118] |
| <i>Biological Conservation</i> [4.661] | <i>PLoS ONE</i> [2.766] |
| <i>Biological Journal of the Linnean Society</i> [2.532] | <i>Science Advances</i> [11.511] |
| <i>Conservation Genetics</i> [2.025] | <i>Zoological Journal of the Linnean Society</i> [2.685] |
| <i>Ecology and Evolution</i> [2.340] | <i>Zoologica Scripta</i> [3.057] |
| <i>Gene</i> [2.498] | |
| <i>Herpetological Monographs</i> [2.000] | |

For Research Grants:

Alexander von Humboldt Foundation
Autonome Provinz Bozen-Südtirol
Deutsche Forschungsgemeinschaft (DFG)
National Research Foundation (NRF), South Africa
National Geographic Society (Global Exploration Fund)
Rufford Small Grants for Nature Conservation
Swiss National Science Foundation
VolkswagenStiftung

Funding / Grants

- 2002 BMBF Congress leben+erde – Wissenschaft im Dialog: 185,000 €
- 2008 DFG (FR 1435/5-1), Population genetics of the endangered Colombian turtle *Podocnemis lewyana* and molecular phylogeny of ancient South American and Malagasy river turtles: 24,000 €
- 2011 DFG (FR 1435/7-1), Speciation processes in two co-distributed freshwater turtle complexes in a hotspot of genetic diversity (*Emys orbicularis* complex; *Mauremys caspica*, *M. rivulata*): 53,400 €
- 2013 DFG (FR 1435/10-1), 15th Annual Congress of the Society for Biological Systematics (GfBS) and 22nd International Symposium “Biodiversity & Evolutionary Biology” of the German Botanical Society: 9900 €
- 2014 DFG (FR 1435/11-1), How many species of grass snakes are out there? Phylogeography, gene flow in contact zones, and taxonomy of *Natrix natrix*: 140,300 €
- 2015 DFG (FR 1435/7-2), Speciation processes in two co-distributed freshwater turtle complexes in a hotspot of genetic diversity (*Emys orbicularis* complex; *Mauremys caspica*, *M. rivulata*): 17,280 €
- 2016 DFG (FR 1435/11-2), How many species of grass snakes are out there? Phylogeography, gene flow in contact zones, and taxonomy of *Natrix natrix*: 54,850 €

Publications

For a **complete list** of publications, see www.senckenberg.de/dresden/phylogeography

For **Web of Science** searches, select “author=fritz u” and “address=dresden”

Supervised Students

Diploma and Master Theses:

- Tilman Wischuf (1995): Geographische Variabilität der Bachschildkröte *Mauremys caspica* (Gmelin, 1774) in Süd-Ost-Europa und Westasien
- Michael Budde (1996): Kartierung der Europäischen Sumpfschildkröte (*Emys orbicularis* Linnaeus, 1758) in Naturschutzgebieten Oberschwabens und des angrenzenden Bodenseegebietes unter dem Aspekt der Autochthonie
- Dana Barth (2002): Molekulare Phylogenie der Bachschildkröten-Gattung *Mauremys*
- Susann Rautenberg (2002): Intra- und intergenerische Verwandtschaftsbeziehungen südamerikanischer Halswender-Schildkröten

- Markus Auer (2003): Ökologische Untersuchungen an einem syntopen Vorkommen der Ostmediterranen Bachschildkröte *Mauremys rivulata* (Valenciennes, 1833) und der Europäischen Sumpfschildkröte *Emys orbicularis* (Linnaeus, 1758) in der Westtürkei
- Susann Richter (2008): Ecological correlates in the skull of softshell turtles
- Ellen Hitschfeld (2009): Impact of ancestry, environmental adaptation and body size on autopodial morphology of testudinoid chelonians
- Carolin Kindler (2011): Phylogeographie und genetische Diversität der afrikanischen Gelenkschildkröten *Kinixys* spp.
- Nicole Liebing (2011): Wo steht die seltene südostasiatische Weichschildkröte *Nilssonina formosa* phylogenetisch?
- Annika Tiesmeyer (2012): Genetische Charakterisierung slowenischer Sumpfschildkröten (*Emys orbicularis*): Natürliches Vorkommen oder eingeschleppt?
- Alice Petzold (2013): Wie viele Arten der afrikanischen Pelomedusen-Schildkröte (*Pelomedusa* spp.) gibt es?
- Cäcilia Spitzweg (2013): Phylogeographie und Populationsgenetik der Griechischen Landschildkröte (*Testudo hermanni* Gmelin, 1789)
- Benjamin Standfuß (2014): Wiederholte Aussetzungen oder eine etablierte invasive Art? Populationsgenetik der Schmuckschildkröte *Trachemys scripta* in Slowenien
- Maggie Moosig (2014): Gibt es weitere kryptische Arten bei afrikanischen Klappbrust-Schildkröten (*Pelusios* spp.)?
- Marius Hedel (2016): Verwandtschaftsbeziehungen zwischen Sizilianischen Sumpfschildkröten (*Emys trinacris*) in der Population Gorgo Basso, Sizilien
- Nicole Schultze (underway): Gene flow across two secondary contact zones of grass snake species

Dissertations (equivalent to PhD theses):

- Mario Vargas-Ramírez (2011): Phylogeny, phylogeography and population genetics of river turtles and tortoises of the families Podocnemididae, Pelomedusidae and Testudinidae from South America and Africa
- Melita Vamberger (2014): Comparison of phylogeographic patterns in two closely related turtle species (*Mauremys caspica*, *M. rivulata*)
- Katrin Schniebs (2016): Beiträge zur Systematik und Taxonomie paläarktischer Schlammschnecken (Gastropoda, Basommatophora, Lymnaeidae)
- Carolin Kindler (2018), *summa cum laude*: How many species of grass snake are out there? Phylogeography, gene flow across contact zones and taxonomy of *Natrix natrix*
- Michael Mende (2018): Molecular Biogeography of Spurge Hawkmoths (*Hyles euphorbiae* complex, Lepidoptera: Sphingidae) – On the Origin of Phylogeographic Structure in the Course of Introgressive Hybridization
- Cäcilia Spitzweg (underway): Conservation genetics and phylogeography of selected South Asian and South African chelonians

h-index and other crazy and not necessarily informative metrics as of March 2019

Web of Science

Total publications: 146
h-index: 30
 Sum of Times Cited: 3711
 Citing articles: 2418

Google Scholar

much more ☺
 38 (since 2014: 25)
 5124 (since 2014: 2262)
 n/a
 i10-index: 128 (since 2014: 76)

If you want to know something of my research, I recommend reading my papers