

Curriculum Vitae

Dr. Melita Vamberger



Born 17 Nov 1983, Murska Sobota, Slovenia

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Education

1990-1998 Primary school Kapela, Slovenia
1998-2002 High School Franca Miklošiča, Ljutomer
2002-2008 Studies and Diploma in Biology, Biotechnical faculty Ljubljana, Slovenia / Department of Biology / Study program of Biology/ Systematic / ecological module
2009-2014 PhD, Museum of Zoology, Senckenberg Dresden
2014 Dissertation, Faculty of Biosciences, Pharmacy and Psychology Leipzig, Germany

During the time of my education

2005-2009 Biology Students' Society of Slovenia (DŠB)
mentor of the herpetological group
2005-2015 Centre for Cartography of Fauna and Flora Ljubljana (CKFF)
field research, administrative work
2004-2016 Societas herpetologica slovenica (SHS)
leader of different projects, co-leader of the project »Atlas of the reptiles of Slovenia«, workshops for children, field days organizer for volunteers

Scholarships

1998-2008 Zois scholarship (Scholarship for excellent students)
2009-2012 DAAD (Deutscher Akademischer Austausch Dienst)

Employment

Since 2012 Senckenberg Dresden, Assistant of Director
Since 2015 Senckenberg Dresden, Researcher

Languages

Slovenian active, native language
German active, near perfect
English active, near perfect
Croatian basic

Service as Reviewer

Amphibia-Reptilia, Acta Herpetologica, Amphibian and Reptile Conservation, Biological Journal of the Linnean Society, Conservation Genetics, Molecular and Cellular Probes, Natura Sloveniae, Hyla, Salamandra

Publications

Peer-reviewed papers (papers in ISI journals with asterisk)

2016

*Ihlow, F., **Vamberger, M.**, Flecks, M., Hartmann, T., Cota, M., Makchai, S., Meewattana, P., Dawson, J.E., Kheng, L., Rödder, D. & U. Fritz (2016): Integrative taxonomy of Southeast Asian snail-eating turtles (Geoemydidae: Malayemys) reveals a new species and mitochondrial introgression. PLoS ONE 11(4): e0153108.

*Standfuss, B., Lipovšek, G., Fritz, U. & **M. Vamberger** (2016): Threat or fiction: is the pond slider (*Trachemys scripta*) really invasive in Central Europe? A case study from Slovenia. Conservation Genetics, 17: 557-563.

*Marzahn, E., Mayer, W., Joger, U., Ilgaz, Ç., Jablonski, D., Kindler, C., Kumlutaş, Y., Nistri, A., Schneeweiss, N., **Vamberger, M.**, Žagar, A. & U. Fritz (2016): Phylogeography of the *Lacerta viridis* complex: mitochondrial and nuclear markers provide taxonomic insights. Journal of Zoological Systematics and Evolutionary Research, 54: 85-105.

2015

*Fritz, U., Kehlmaier, C., Mazuch, T., Hofmeyr, M.D., du Preez, L., **Vamberger, M.** & Vörös, J. (2015): Important new records of Pelomedusa species for South Africa and Ethiopia. Vertebrate Zoology, 65: 383-389.

*Nagy, Z.T., Kielgast, J., Moosig, M., **Vamberger, M.** & U. Fritz (2015): Another candidate species of Pelomedusa (Testudines: Pelomedusidae) from the Democratic Republic of the Congo? Salamandra, 51: 212-214.

***Vamberger, M.**, Stuckas, H., Sacco, F., D'Angelo, S., Arculeo, M., Cheylan, M., Corti, C., Lo Valvo, M., Marrone, F., Wink, M. & U. Fritz (2015): Differences in gene flow in a twofold secondary contact zone of pond turtles in southern Italy (Testudines: Emydidae: *Emys orbicularis galloitalica*, *E. o. hellenica*, *E. trinacris*). Zoologica Scripta, 44: 233-249.

2014

*Petzold, A., Vargas-Ramírez, M., Kehlmaier, C., **Vamberger, M.**, Branch, W.R., Du Preez, L., Hofmeyr, M.D., Meyer, L., Schleicher, A., Široký, P. & U. Fritz (2014): A revision of African helmeted terrapins (Testudines: Pelomedusidae: Pelomedusa), with descriptions of six new species. Zootaxa 3795: 523-548.

***Vamberger, M.**, Stuckas, H., Ayaz, D., Lymberakis, P., Široký, P. & U. Fritz (2014): Massive transoceanic gene flow in a freshwater turtle (Testudines: Geoemydidae: *Mauremys rivulata*). Zoologica Scripta, doi 10.1111/zsc.12055

*Brejcha, J., Cizelj, I., Marić, D., Šmíd, J. & **M. Vamberger** (2014): First records of the soft-shelled turtle, *Pelodiscus sinensis* (Wiegmann, 1834), in the Balkans. Herpetozoa, 26: 189-192.

*Stuckas, H., Velo-Antón, G., Fahd, S., Kalboussi, M., Rouag, R., Arculeo, M., Marrone, F., Sacco, F., **Vamberger, M.** & U. Fritz (2014): Where are you from, stranger? The enigmatic biogeography of North African pond turtles (*Emys orbicularis*). Organisms, Diversity & Evolution, doi 10.1007/s13127-014-0168-4

2013

Vamberger, M., Poboljšaj, K., Govedič, M., Debeljak Šabec, N. & A. Žagar (2013): Conservation activities for European pond turtles (*Emys orbicularis*) in Slovenia. Herpetology Notes, 6: 123-126.

***Vamberger, M.**, Stuckas, H., Ayaz, D., Graciá, E., Aloufi, A.A., Els, J., Mazanaeva, L.F., Kami, H.G. & U. Fritz (2013): Conservation genetics and phylogeography of the poorly known Middle Eastern terrapin *Mauremys caspica* (Testudines: Geoemydidae). Organisms, Diversity & Evolution, 13: 77-85.

*Mashkaryan, V., **Vamberger, M.**, Arakelyan, M., Hezaveh, N., Carretero, M.A., Corti, C., Harris, D.J. & U. Fritz (2013): Gene flow among deeply divergent mtDNA lineages of *Testudo graeca* (Linnaeus, 1758) in Transcaucasia. *Amphibia-Reptilia*, 34: 337-351.

Vamberger, M., Govedič, M. & G. Lipovšek (2013): Prispevek k recentni razširjenosti, ekologiji in varstvu močvirske sklednice *Emys orbicularis* (Linnaeus, 1758) v Beli krajini (JV Slovenija). (SL) Contribution to the current distribution, ecology and conservation of the European pond turtle *Emys orbicularis* (Linnaeus, 1758) in Bela Krajina (SE Slovenia). *Natura Sloveniae*, 15 (2):23-38.

Žagar, A., Cafuta, V., Drašler, K., Jagar, T., Krofel, M., Lužnik, M., Ostanek, E., Petkovska, V., Planinc, G., Sopotnik, M. & **Vamberger, M.** (2013): A review of eleven short-term reptile surveys in the Western Balkans. *Hyla*, 2013: 3-21.

2012

***Vamberger, M.**, Lipovšek, G. & M. Gregorič (2012): First reproduction record of *Trachemys scripta* (Schoepff, 1792), in Slovenia. *Herpetozoa*, 25: 76-79.

2011

***Vamberger, M.** & I. Kos (2011): First observations on some aspects on the natural history of European pond turtles *Emys orbicularis* in Slovenia. *Biologia*, 66: 170-174.

***Vamberger, M.**, Corti, C., Stuckas, H. & U. Fritz (2011): Is the imperilled spur-thighed tortoise (*Testudo graeca*) native in Sardinia? Implications from population genetics and for conservation. *Amphibia-Reptilia*, 32: 9-25.

***Vamberger, M.**, Stuckas, H. & U. Fritz (2011): Fifteen microsatellite markers for the stripe-necked terrapin *Mauremys caspica* (Testudines: Geoemydidae) and cross-amplification tests in *M. rivulata*. *Conservation Genetics Resources*, 3: 87-89.

2009

Krofel, M., Cafuta, V., Planinc, G., Sopotnik, M., Šalamun, A., Tome, S., **Vamberger, M.** & A. Žagar (2009): Razširjenost plazilcev v Sloveniji: pregled podatkov, zbranih do leta 2009. *Natura Sloveniae, Revija za terensko biologijo, Journal of Field Biology*, 11(2): 61-99.

2007

Vamberger, M., Trontelj, P. (2007): *Placobdella costata* (Fr. Müller, 1846) (Hirudinea: Glossiphoniidae), a leech new for Slovenia. *Natura Sloveniae, Revija za terensko biologijo, Journal of Field Biology*, 9(1): 37 – 42.

Books or contributions in books

Vamberger, M. (2014): European pond turtle. In: Štangelj, M. & M. Ivanovič (Eds.), *Natural heritage of Bela krajina*. Metlika (Belokranjski muzej), pp. 189-193.

Vamberger, M. (2013): Močvirska sklednica v Beli krajini. In: Štangelj, M. & M. Ivanovič (Eds.), *Narava Bele krajine*. Metlika (Belokranjski muzej), pp. 186-191.

Breg, A., Janota, B., Peganc, M., Petrovič, I., Tome, S. & **M. Vamberger** (2010): Slikovni določevalni ključ za plazilce Slovenije [Illustrated determination key for the reptiles of Slovenia]. Ljubljana (Societas herpetologica slovenica), 50 pp.

Vamberger, M., Bassu, L., Corti, C., Nulchis, V., Satta, M.G., Stuckas, H. & U. Fritz (2010): Preliminary data on the population genetics of *Testudo graeca* and implications for conservation. In: Di Tizio, L., Di Cerbo, A.R., Di Francesco, N. & A. Cameli (Eds.), *Atti VIII Congresso Nazionale Societas Herpetologica Italica* (Chieti, 22-26 Settembre 2010). Pescara (Ianieri Edizioni), pp. 465-471.

Vamberger, M., (2009): European pond turtle (*Emys orbicularis*) in Slovenia. In: Rogner M. (Ed.), European pond turtle (*Emys orbicularis*). Edition Chimaira 4, Frankfurt am Main, 191 pp.

Congress contributions

Standfuss, B., Lipovšek, G., Fritz, U. & **M. Vamberger** (2016): Threat or fiction: is the pond slider (*Trachemys scripta*) really invasive in Central Europe? A case study from Slovenia. Poster presentation at the 17th Jahrestagung der Gesellschaft für Biologische Systematik (GfBS) in München, Germany from 21-24 Marc 2016.

Fritz, U. & **M. Vamberger** (2015): Phylogeographie, Populationsgenetik und Taxonomie europäischer *Emys*-Arten. Oral presentation at the DGHT in Germersheim, Germany in Oktober 2015.

Vamberger, M., Stuckas, H. & U. Fritz (2015): Speciation under gene flow? The case of *Mauremys caspica* and *M. rivulata*. Oral presentation at the Deutsche Zoologische Gesellschaft (DZG) in Graz, Austria in September 2015.

Vamberger, M. & U. Fritz (2015): Caution! Using the SEH atlas by Sillero and colleagues (2014), the distribution of *Emys orbicularis* will be misunderstood! Poster presentation at the 5th International Symposium on *Emys orbicularis* in Kiten, Bulgaria from 19-21 August 2015.

Vamberger, M., Stuckas, H. & U. Fritz (2015): Speciation under gene flow? The case of *Mauremys caspica* and *M. rivulata*. Oral presentation at the 5th International Symposium on *Emys orbicularis* in Kiten, Bulgaria from 19-21 August 2015.

Vamberger, M., Stuckas, H., Sacco, F., D'Angelo, S., Arculeo, M., Cheylan, M., Corti, C., Lo Valvo, M., Marrone, F., Wink, M. & U. Fritz (2015): Differences in gene flow in a twofold secondary contact zone of pond turtles in southern Italy (Testudines: Emydidae: *Emys orbicularis galloitalica*, *E. o. hellenica*, *E. trinacris*). Poster presentation at the 16th Jahrestagung der Gesellschaft für Biologische Systematik (GfBS) in Bonn, Germany from 18-21 Marc 2015.

Vamberger, M., Stuckas, H., Sacco, F., D'Angelo, S., Arculeo, M., Cheylan, M., Corti, C., Lo Valvo, M., Marrone, F., Wink, M. & U. Fritz (2015): Differences in gene flow in a twofold secondary contact zone of pond turtles in southern Italy (Testudines: Emydidae: *Emys orbicularis galloitalica*, *E. o. hellenica*, *E. trinacris*). Poster presentation at the 7th Biennial Conference of the International Biogeography Society in Bayreuth, Germany from 8-12 January 2015.

Vamberger, M. (2014): Populacijska genetika močvirske sklednice v Sloveniji (Population genetics of the European Pond Turtle (*Emys orbicularis*) in Slovenia. Invited oral presentation at the University of Ljubljana on 24.4. 2014.

Vamberger, M. (2014): Speziation unter Genfluss? *Mauremys caspica* und *M. rivulata* als Fallstudie. Invited oral presentation at the 25. Jahrestagung der Österreichischen Gesellschaft für Herpetologie, Vienna, Austria, 24-26 January 2014.

Vamberger, M. (2014): Ein blick auf die Herpetologie in Slowenien. Invited oral presentation at the 25. Jahrestagung der Österreichischen Gesellschaft für Herpetologie, Vienna, Austria, 24-26 January 2014.

Vamberger, M., Stuckas, H. & U. Fritz (2013): Speciation under gene flow? The case of *Mauremys caspica* and *M. rivulata*. Oral presentation at the 17th European Congress of Herpetology Veszprém, Hungary, 22-27 August 2013.

Sopotnik, M., Jagar, T., Kirbiš, N., Lešnik, A., Ostanke, E., Petrovič, I., Pobjlšaj, K., Rozman, A., Rozman, L., Stankovič, D., **Vamberger, M.**, Vlačič, D. & A. Žagar (2013): Societas Herpetologica Slovenica's activities for helping amphibians at road crossings. Poster presentation at the 17th European Congress of Herpetology Veszprém, Hungary, 22-27 August 2013.

Vamberger, M., Stuckas, H. & U. Fritz (2013): Speciation under gene flow? The case of *Mauremys caspica* and *M. rivulata*. Oral presentation at the BioSyst.EU 2013 Global systematics! Vienna, Austria, 18-22 February 2013.

Vamberger, M., Stuckas, H. & U. Fritz (2012): Speciation under gene flow? The case of *Mauremys caspica* and *M. rivulata*. Oral presentation at the 7th World Congress of Herpetology Vancouver, Canada, 8-14 August 2012.

Y. Chiari, J. Crnobrnja isailovic, K. Poboljšaj, B. Halpern, T. Gent, C. Ayres, J.-P. Vacher, F. Ficetola, S. Salvidio, M. Raemy, **M. Vamberger**, S. Thienpont, S. D'Angelo, D. Ballasina, M. Barocci, A. Bonardi, L. Bottoni, L. Canalis, A. Centeno, S. Crosetto, N. Debeljak Sabec, B. Farkas, V. Ferri, P. Filetto, P. Genta, M. Govedic, N. Greggio, R. Jesu, L. Luiselli, G. Mesaros, S. Masin, S. Mazzotti, F. Montanari, M. Nogueir I Plana, D. Ottonello, L. Sala, S. Scall, G. Tedaldi, S. Ursenbacher, F. Vianello, A. Zagar (2011): European conservation projects on *Emys orbicularis* and *Emys trinacris*. Poster presentation at the 15th European Congress of Herpetology and SEH Ordinary General Meeting; Luxemburg, from the 25th to the 29.9.2011.

Vamberger, M., H. Stuckas, D. Ayaz, L. F. Mazanaeva, H. G. Kami, A. A. Aloufi, U. Fritz (2011): Phylogeography and population genetics of *Mauremys caspica* (Testudines: Geoemydidae). Oral presentation at the 15th European Congress of Herpetology and SEH Ordinary General Meeting; Luxemburg, from the 25th to the 29.9.2011.

Vamberger, M., Corti, C., Stuckas, H. & U. Fritz (2010): Is the imperilled spur-thighed tortoise (*Testudo graeca*) native in Sardinia? Implications from population genetics and for conservation. Oral presentation at the International Student Conference Nijmegen, Netherlands from the 10th to 14.11. 2010.

Vamberger, M., Corti, C., Stuckas, H. & U. Fritz (2010): Is the imperilled spur-thighed tortoise (*Testudo graeca*) native in Sardinia? Implications from population genetics and for conservation. Oral presentation at the SHI, Chieti, Italy from the 22 - 26.9.2010.

Vamberger, M., Corti, C., Stuckas, H. & U. Fritz (2010): Is the imperilled spur-thighed tortoise (*Testudo graeca*) native in Sardinia? Implications from population genetics and for conservation. Poster presentation at the Deutsche Zoologische Gesellschaft (DZG) from the 17th to 20.9.2010.

Vamberger, M., Corti, C., Stuckas, H. & U. Fritz (2010): Is the imperilled spur-thighed tortoise (*Testudo graeca*) native in Sardinia? Implications from population genetics and for conservation. Oral presentation at the Deutscher herpetologen Tag (DGHT) from the 1- 5.9.2010.

Vamberger, M. (2009): Survey of the European pond turtle (*Emys orbicularis*) on Ljubljansko barje, Slovenia. Oral presentation at the Final international Seminar des Projectes "Protection of *Emys orbicularis* and amphibians in the North European lowlands" LIFE05NAT/LT/000094 in Olsztynek, Poland und Meteliai, Lithuania from 6th to 28.10.2009.

Vamberger, M. & I. Kos (2009): Appearance of the European pond turtle (*Emys orbicularis*) in the ponds of Ljubljansko barje (Slovenia). Poster presentation at the 15th Congress of Societas Europaea herpetologica in Kusadasi, Turkey from the 28.9.to the 2.10.2009.

Vamberger, M. (2009): Survey of the European pond turtle (*Emys orbicularis*) on Ljubljansko barje, Slovenia. Oral presentation at the 15th Congress of Societas Europaea herpetologica in Kusadasi, Turkey from the 28.9.to the 2.10.2009.

Vamberger, M. & I. Kos (2007): Study of the European pond turtle (*Emys orbicularis*) at »Draga pri Igu« ponds and implications to the wider Ljubljansko barje wetlands. Poster presentation at the 14th European Congress of Herpetology and SEH Ordinary General Meeting; Porto, Portugal, from the 19th to the 23.9.2007.