

Assoc. Prof. Matjaž Kuntner (PhD Biology)

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Web of Science Author Profile: <https://www.webofscience.com/wos/author/record/1497083>
Google Scholar: <https://scholar.google.si/citations?user=iisP7MkAAAAAJ&hl=en&oi=ao>
Research Gate: https://www.researchgate.net/profile/Matjaz_Kuntner
Frontiers: <https://loop.frontiersin.org/people/111166/overview>

CV IN NUMBERS: PhD: 2005; Peer-reviewed publications: 158; Citations: 5,700; h-index: 39; i10-index: 100; Grants: >27 million €; Awards: 15; Newly described animal taxa: 70

Education

Ph.D. (2005 Biology)	George Washington University, USA
Additional graduate courses (1999-2004)	University of Maryland, USA; University of Costa Rica
B. S. (1998 Biology)	University of Ljubljana, Slovenia
Additional undergraduate courses (1994)	University of North Carolina at Chapel Hill, USA

Appointments & Titles

- 2017-present: Research Counselor, National Institute of Biology, Ljubljana, Slovenia
- 2015-present: Principal Research Associate, ZRC SAZU, Ljubljana, Slovenia
- 2018 (March)-2020 (December): Director, National Institute of Biology, Ljubljana, Slovenia
- 2017-2022: Associate Professor, University of Ljubljana, Slovenia
- 2017-2022: Visiting Professor, College of Life Sciences, Hubei University, Wuhan, China
- 2016-2017: Fulbright visiting scholar, Smithsonian Institution, Washington, DC, USA
- 2008-2017: Chair, Jovan Hadži Institute of Biology ZRC SAZU, Ljubljana, Slovenia
- 2013-present: Governing Board member, Postgraduate School ZRC SAZU, Ljubljana, Slovenia
- 2011-2015: Governing Board member, University of Nova Gorica, Slovenia
- 2011-2014: Adjunct Professor, College of Life Sciences, Hubei University, Wuhan, China
- 2012-2017: Assistant Professor, University of Ljubljana, Slovenia
- 2007-present: Research Associate, Smithsonian Institution, Washington, DC, USA
- 2006-2008: Marie Curie Fellow, ZRC SAZU, Ljubljana, Slovenia
- 2005-2007: Research Collaborator, Smithsonian Institution, Washington, DC, USA
- 1999-2005: Pre-doctoral Fellow, Smithsonian Institution, Washington, DC, USA
- 1999-2001: Assistant, ZRC SAZU, Ljubljana, Slovenia

Grants (contributed to raising ~ 27.4 Million €)

- 2022-2024 PI: ARRS-Slovenian Research Agency bilateral grant Slovenia-USA (BI-US/22-24-028): "Systematics and biogeography of spiders", with co-PI J. A. Coddington (3,000€)
- 2020-2023 As institute director, acquired and signed a grant to build the *Biotechnological Hub of the National Institute of Biology combined from the European Regional Development Fund and by the Ministry of Education, Science and Sport of the Republic of Slovenia* (€20.8 Million)
- 2019-2022 collaborator (PI M. Gregorič): ARRS-Slovenian Research Agency (J1-1703) "Towards working protocols for the use of eDNA from spider webs" (€300,000)
- 2019-2021 PI: ARRS-Slovenian Research Agency bilateral grant Slovenia-USA BI-US/19-21-038): "Reviewing the evolution of female biased, extreme sexual size dimorphism", with co-PI J. A. Coddington (3,000€)
- 2018-2021 PI: ARRS-Slovenian Research Agency (J1-9163) "Evolutionary dead ends: The perils of extreme phenotypes" (€300,000)
- 2018-2019 PI: ARRS-Slovenian Research Agency P1-0236 basic research program "Biodiversity: Patterns, processes, predictions, and conservation" (4.16 FTE, ca. 1,450,000€)
- 2018-2020 PI: ARRS-Slovenian Research Agency bilateral grant Slovenia-China (BI-CN/18-20-022): "Biogeography of primitively segmented spiders: integrating taxonomic and phylogenomic research" (ca. 10,000€)
- 2017-2021 collaborator (PIs T. Blackledge, J. Garb, I. Agnarsson): NSF-National Science Foundation USA (IOS-1656460) "Collaborative Research: Comparative analyses of structural designs underlying functional performance of the toughest spider silk" (\$903,385)
- 2017-2020 collaborator (PI M. Virant-Doberlet): ARRS-Slovenian Research Agency "Vibrational communication networks: from insects to plants" (€300,000)

- 2017-2018 PI: ARRS-Slovenian Research Agency bilateral grant Slovenia-USA (BI-U3117-18-011): "Phylogenomic, biogeographic, and evolutionary research trends in arachnology", with co-PI I. Agnarsson (3,225€)
- 2015-2016 PI: ARRS-Slovenian Research Agency bilateral grant Slovenia-USA (BI-US/15-16) "Biology of spiders in the phylogenomic era", with co-PI I. Agnarsson (3,500€)
- 2014-2018 PI: ARRS-Slovenian Research Agency "Young Researcher" graduate student funding (1 FTE, ca. 100,000€)
- 2014-2017 PI: ARRS-Slovenian Research Agency (J1-6729) "Integrative research of sexual dimorphism evolution" (€300,000)
- 2014-2015 collaborator (PI G. Aljančič): Norway Grants "With Proteus we share dependence on ground water" (20,000€)
- 2013-2017 PI: ARRS-Slovenian Research Agency P1-0236 basic research program "Biodiversity: Patterns, processes, predictions, and conservation" (4.1 FTE, ca. 1,155,000€)
- 2013-2017 PI: ARRS-Slovenian Research Agency "Young Researcher" graduate student funding (1 FTE, ca. 100,000€)
- 2013-2014 collaborator (PI G. Aljančič): Critical Ecosystem Partnership Fund / BirdLife International & DOPPS "A survey of the distribution of *Proteus anguinus* by environmental DNA sampling" (38,000€)
- 2013-2014 PI: ARRS-Slovenian Research Agency bilateral grant Slovenia-USA (BI-US/13-14-039) "Selected topics in systematic and evolutionary biology of spiders", with co-PI I. Agnarsson (5,000€)
- 2012 PI: ARRS-Slovenian Research Agency programme financing of Biological Institute (4 FTE, ca. 230,000€)
- 2012 PI: ARRS-Slovenian Research Agency infrastructural programme financing of Biological Institute (47,000€)
- 2012 PI: ARRS-Slovenian Research Agency small grant for international collaboration with Singapore (1,430€)
- 2011-2017 collaborator (PIs I. Agnarsson, G. Binford): NSF-National Science Foundation USA (DEB-1314749 - 1050187-1050253) "Collaborative Research: the generation of a biodiversity hotspot - paleobiogeography of the Caribbean inferred from multiple arachnid lineages with differing dispersal abilities" (\$833,000)
- 2011-2015 PI: ARRS-Slovenian Research Agency "Young Researcher" graduate student funding (1 FTE, ca. 100,000€)
- 2011-2012 co-PI (with I. Agnarsson) National Geographic Society (grant 2911) "Islands on islands: Biogeography of spider web parasites and their hosts in the Indian Ocean" (\$20,000)
- 2011-2012 PI: Swiss Contribution to EU (C1536-11T440013) "Towards permanent conservation of biodiversity: the case of spider fauna of Switzerland and Slovenia" (CHF50,000/€35,721)
- 2011 PI: ARRS-Slovenian Research Agency infrastructural programme financing of Biological Institute (59,000€)
- 2010 PI: ARRS-Slovenian Research Agency infrastructural programme financing of Biological Institute (86,500€)
- 2010 PI: ARRS-Slovenian Research Agency small grant for international collaboration with Singapore (1,430€)
- 2009-2013 PI: ARRS-Slovenian Research Agency "Young Researcher" graduate student funding (1 FTE, ca. 120,000€)
- 2009-2012 PI: ARRS-Slovenian Research Agency (J1-2063) "Phylogenetic systematics of Zygellidae and its implications for spider evolution research" (€153,000)
- 2009-2012 PI: ARRS-Slovenian Research Agency bilateral grant Slovenia-USA (BI-US/09-12-016): "Sexual size dimorphism – its consequences for sexual and foraging biology in spiders", with co-PI J. A. Coddington (4,000€)
- 2009-2010 co-PI (with I. Agnarsson and T. Blackledge): National Geographic Society (grant 8655-09) "Casting spider webs across Malagasy rivers: Extraordinary silk in giant orb webs" (\$23,750)
- 2009 PI: ARRS-Slovenian Research Agency infrastructural programme financing of Biological Institute (75,000€)
- 2006-2009 PI: ARRS-Slovenian Research Agency "Young Researcher" graduate student funding (1 FTE, ca. 100,000€)
- 2006-2008 PI: EU 6th FP, Marie Curie International Reintegration Grant (MIRG-CT-2005-036536): "Nephilid spider phylogenetics as a test for antagonistic coevolution of sexes" (€76,000)
- 2006-2007 PI: ARRS-Slovenian Research Agency bilateral grant Slovenia-USA: "Biodiversity, systematics and evolution of orb-weaving spiders", with co-PI J. A. Coddington (4,000€)
- 2005-2007 postdoc: ARRS-Slovenian Research Agency Z1-7082 "Nephilid spider phylogeny as a test for antagonistic coevolution of sexes" (1 FTE, ca. 70,000€)
- 2005 collaborator (PI J. Coddington): Smithsonian Institution (BDG & Small Grants). Estimating Spider Biodiversity in a French Guiana Forest Plot (\$5,000)
- 2002 PI: Organization for Tropical Studies-Smithsonian Tropical Research Institution, USA-Panama. Mellon Foundation grant for fieldwork in Panama and Costa Rica (\$2,000)
- 2000 co-PI (with I. Agnarsson): Sallee Charitable Trust, USA. Student grant for fieldwork in South Africa and Madagascar (\$7,000)

Awards

- MDPI: Best Presentation Award at the 2nd International Electronic Conference on Diversity 15–31 March 2022, online at iecd2022.sciforum.net

- Slovenian Science Foundation: 2021 Award for Excellence in Scientific Communication to the Organizing Committee of "In the Swirl of Change: The Interplay of Water, Life and Climate", an international virtual symposium on the environmental and climate changes with their impact on our waters and biodiversity, October 14 - 15, 2021
- Research Centre of the Slovenian Academy of Sciences and Arts: Golden Sign Award ZRC SAZU for 2021
- Fulbright visiting scholar to USA (Smithsonian Institution) in academic year 2016/2017
- Top new species of 2016 selected by Newsweek (<http://www.newsweek.com/2017/01/06/top-new-species-2016-535995.html>): The leaf spider, *Poltys* sp.
- National Institute of Biology, Slovenia, 2015: Miroslav Zei Award for exceptional achievements
- Guinness Book of Records, 2012 edition: Darwin's bark spider *Caerostris darwini* Kuntner & Agnarsson 2010 with largest webs and toughest silk
- Top 10 species for 2011 selected by the International Institute for Species Exploration, Arizona State University (<http://species.asu.edu/Top10>): Darwin's bark spider *Caerostris darwini* Kuntner & Agnarsson 2010
- Top 10 new species of 2010 selected by the Time magazine (http://www.time.com/time/specials/packages/article/0,28804,2035319_2034045_2034038,00.html): Darwin's bark spider *Caerostris darwini* Kuntner & Agnarsson 2010
- Guinness Book of Records, 2011 edition: Largest orbweaver *Nephila komaci* Kuntner & Coddington 2009
- Top 10 species for 2010 selected by the International Institute for Species Exploration, Arizona State University (<http://species.asu.edu/Top10>): *Nephila komaci* Kuntner & Coddington 2009
- International Congress of Arachnology, South Africa, March 2001: Best Student Paper in Systematics
- Organization for Tropical Studies, USA, 2001. Tuition award for OTS 2001-3: Tropical Biology – An Ecological Approach, June-August 2001
- National Science Foundation, USA, 1999-2003. Graduate student fellowship from a PEET grant in Araneoid Spider Systematics (to Hormiga and Coddington)
- George Washington University, USA, 1999-2004. Tuition award for doctoral study

Professional Services

- Field Chief Editor, *Frontiers in Arachnid Science* (2022): <https://www.frontiersin.org/>
- Organizing and Scientific Committee Member (2021): "In the Swirl of Change: The Interplay of Water, Life and Climate", a symposium on the environmental and climate changes with their impact on our waters and biodiversity, October 14 – 15, 2021; Ljubljana, Slovenia: www.nib.si
- Associate Editor, *Frontiers in Cellular and Infection Microbiology* (2021): <https://www.frontiersin.org/>
- Guest editor for the special issue of *Diversity* "Phylogenomic, Biogeographic, and Evolutionary Research Trends in Arachnology" (2021): https://www.mdpi.com/journal/diversity/special_issues/Evo_Arachnology
- Review Editor for *Evolutionary and Population Genetics*, *Frontiers in Genetics* (2021-present): <https://loop.frontiersin.org/people/111166/editorial>
- Editorial Board, *Diversity* (2020-present): <https://www.mdpi.com/journal/diversity/editors>
- Editorial Review Board, *Journal of Biogeography* (2018-present)
- Academic Editor, *PLOS ONE* (2014-2021): <http://www.plosone.org/static/edboard>
- Associate Editor for Behavioral and Evolutionary Ecology, *Frontiers in Ecology and Evolution* (2013-2018): http://www.frontiersin.org/Behavioral_and_Evolutionary_Ecology/editorialboard
- Specialty editor GEN Araneae, *ZooKeys* (2012-present): <https://zookeys.pensoft.net/editors/>
- Associate Editor for Systematics and Taxonomy, *Journal of Arachnology* (2011-2014)
- Editorial board member: *ISRN Zoology* (2010-2011); *International Journal of Applied Zoology* (2005-2011); *Hacquetia* (2005-present); "*Phylonyms: a companion to the PhyloCode*" (CRC Press, Boca Raton, FL)
- Organizer, 27th European Congress of Arachnology, 2-7 September 2012, Ljubljana, Slovenia
- Memberships: International Society of Arachnology (Council member 2007-2013 and National correspondent for Slovenia 1999-present; European Society of Arachnology (Council member 2009-2014); IUCN Species Survival Commission; Society for the Study of Evolution; American Arachnological Society
- Grant reviews, international: European Union (The Energy and Environment Solutions initiative), The US National Science Foundation; The National Geographic Society, Macquarie University Research Fellowships; Grant Agency - Academy of Sciences of the Czech Republic
- Professional committee for the Golden Sign Award of the Jožef Stefan Institute, Slovenia (2020-2022)
- Academic peer reviewing for (alphabetical): *Acta Entomologica Slovenica*; *Acta Oecologica*; *The American Naturalist*; *Animal Behaviour*; *Arachnology*; *Arachnology Letters*; *Arthropod Systematics and Phylogeny*; *Behavioral Ecology*; *Behavioral Ecology and Sociobiology*; *Biodiversity Data Journal*; *Biological Journal of the Linnean Society*; *Biology Letters*; *BMC Evolutionary Biology*; *Breviora*; *Bulletin de la Société entomologique de France*; *Bulletin of Entomological Research*; *Canadian Journal of Zoology*; *Cladistics*; *Current Biology*; *Ecography*; *Ecology and Evolution*; *Environmental Conservation*; *Environmental Entomology*; *Ethology*; *Ethology, Ecology and Evolution*; *European Journal of Taxonomy*; *Evolution*; *Evolutionary Ecology*; *Evolution & Development*; *Frontiers in Genetics*; *Frontiers in Neuroscience*; *Genes*; *Global Ecology and Biogeography*; *Historical Biology*; *Heredity*; *Insect Systematics and Evolution*; *Invertebrate Reproduction and Development*; *Invertebrate Systematics*; *ISRN Zoology*; *Journal of Animal Ecology*; *Journal of Arachnology*; *Journal of*

Biogeography; Journal of Ethology; Journal of Evolutionary Biology; Journal of Experimental Zoology Part A: Ecological Genetics and Physiology; Journal of Heredity; Journal of Tropical Ecology; Journal of Zoological Systematics and Evolutionary Research; Journal of Zoology; Mitochondrial DNA; Molecular Biology and Evolution; Molecular Ecology; Molecular Ecology Resources; Molecular Phylogenetics and Evolution; National Geographic Magazine; Natura Sloveniae; PeerJ; PLoS ONE; Proceedings of the Royal Society B; Records of the Australian Museum; Revista Ibérica de Aracnología; Royal Society Open Science; Science of Nature; Scientific Reports; Spider Families of the World; Springer (Biodiversity Conservation and Phylogenetic Systematics); Systematics and Biodiversity; Systematic Biology; ZooKeys; Zoologica Scripta; Zoological Journal of the Linnean Society; Zoological Research; Zoologischer Anzeiger; Zootaxa

Research Group (Double institutional EZ Lab - <https://www.ezlab.si/>)

- Dr. Matjaž Kuntner, principal investigator
- Dr. Simona Kralj-Fišer, co-principal investigator, postdoc 2009-2013, researcher 2013-today
- Dr. Matjaž Gregorič, co-principal investigator, postdoc 2015-2019, PhD student 2008-2013
- Dr. Klemen Čandek, research associate 2019-today, PhD student 2013-2018
- Tjaša Lokovšek, research assistant 2008-today
- Kuang-Ping Yu, PhD student 2020-2024, University of Ljubljana
- Natalija Kranjec, master student 2022-2023, Jožef Stefan International Postgraduate School
- ALUMNI: Dr. Mohammed Javad Malekhosseini (PhD student 2016-2022), Dr. Eva Turk (PhD student 2017-2022), Dr. Shakira Quiñones Lebrón (PhD student 2014-2020), Dr. Ren-Chung Cheng (PhD student 2011-2016, postdoc 2016), Prof. Ingi Agnarsson (EZ research associate 2007-2009), Rebeka Šiling (undergraduate student 2011-2012), Urška Pristovšek (undergraduate student 2011-2013), Nina Vidergar (research assistant 2011-2012), Klavdija Šuen (undergraduate student 2011-2014), Dr. Xin Xu (PhD student at Hubei University 2011-2015)

International Collaboration (ongoing)

- Dr. Ingi Agnarsson, University of Iceland, Iceland
- Dr. Paul Babb, University of Pennsylvania, USA
- Dr. Jason Bond, University of California Davis, USA
- Dr. Ren-Chung Cheng, National Chung Hsing University, Taiwan
- Dr. Jonathan Coddington, Smithsonian Institution, USA
- Dr. Mark Elgar, University of Melbourne, Australia
- Dr. Charles Haddad, University of Free State, South Africa
- Dr. Chris Hamilton, University of Idaho, USA
- Dr. Eileen Hebets, University of Nebraska, USA
- Dr. Henrik Krehenwinkel, Trier University, Germany
- Dr. Daiqin Li, National University of Singapore, Singapore
- Dr. Christina Painting, University of Waikato, New Zealand
- Dr. Jutta Schneider, University of Hamburg, Germany
- Dr. Yong-Chao Su, Kaohsiung Medical University, Taiwan
- Dr. Cor Vink, Canterbury Museum, New Zealand
- Dr. Benjamin Voight, University of Pennsylvania, USA
- Dr. Xin Xu, Hunan Normal University, China
- Dr. Shichang Zhang, Hubei University, China

Publications (*denotes first incl. shared, or senior incl. co-corresponding authorship)

- 1) Agnarsson, I., Starrett, J., Babbitz, Z., Bond, J.E., Gregorič, M., Raberahona, O.C., Williams, S. & ***Kuntner, M.** Accepted. Discovery and genetic characterization of a novel social system in spiders: male aggregations, single cohort colonies, and evidence for lekking in a Malagasy kite spider. *Insect Systematics and Diversity*.
- 2) Babb, P.L., Gregorič, M., Lahens, N.F., Nicholson, D.N., Hayashi, C.Y., Higgins, L., **Kuntner, M.**, Agnarsson, I. & Voight, B.F. 2022. Characterization of the genome and silk-gland transcriptomes of Darwin's bark spider (*Caerostris darwini*). *PLoS ONE* 17 (6), e0268660.
- 3) Bond, J.E., Godwin, R.L., Colby, J.D., Newton, L.G., Zahnle, X.J., Agnarsson, I., Hamilton, C.A. & ***Kuntner, M.** 2022. Improving taxonomic practices and enhancing its extensibility—An example from araneology. *Diversity* 14, 5. <https://doi.org/10.3390/d14010005>.
- 4) Cheng, R.-C., Liao, C.-P., Kralj-Fišer, S., Agnarsson, I., Binford, G., Coddington, J.A., & ***Kuntner, M.** In review. For males, rules are different: Testing Bergmann's and Island rules in a sexually size dimorphic spider. *Oikos*.
- 5) Gregorič, M., Kutnjak, D., Bačnik, K., Gostinčar, C., Pecman, A., Ravnikar, M. & ***Kuntner, M.** 2022. Spider webs as eDNA samplers: Biodiversity assessment across the tree of life. *Molecular Ecology Resources*, DOI: 10.1111/1755-0998.13629.

- 6) Framenau, V.W. & **Kuntner, M.** 2022. The new Australian leaf-curling orb-weaving spider genus *Leviana* (Araneae, Araneidae). *Evolutionary Systematics*.
- 7) **Kuntner, M.** 2022. Phylogenomic, Biogeographic, and Evolutionary Research Trends in Arachnology. *Diversity* 2022, 14, 347. <https://doi.org/10.3390/d14050347>
- 8) Malek-Hosseini, M.J., Jugovic, J., Fatemi, Y., **Kuntner, M.**, Kostanjšek, R., Douady, C.J. & Malard, F. 2022. A new obligate groundwater species of *Asellus* (Isopoda, Asellidae) from Iran. *Subterranean Biology* 42: 97–124.
- 9) Malek-Hosseini, M.J., Fatemi, Y., Esmaili, H.R., Lokovšek, T. & **Kuntner, M.** 2022. A new locality for the blind loach, *Eidinemacheilus smithi* (Teleostei: Nemacheilidae) in Iranian Zagros: A morpho-molecular approach. *Diversity* 14 (9), 724.
- 10) Yu, K.-P., **Kuntner, M.** & Cheng, R.-C. 2022. Phylogenetic evidence for an independent origin of extreme sexual size dimorphism in a genus of araneid spiders (Araneae: Araneidae). *Invertebrate Systematics* 36: 48–62.
- 11) Yu, K.-P., Lo, Y.-Y., Cheng, R.-C., Raven, R. & **Kuntner, M.** Accepted. Discovery of a new intertidal trapdoor spider *Idioctis* (Araneae: Barychelidae) extends its range to Taiwan. *Journal of Arachnology*.
- 12) Zhang, S., Liu, Y., Ma, Y., Wang, H., Zhao, Y., **Kuntner, M.** & Li, D. 2022. Male spiders avoid sexual cannibalism with a catapult mechanism. *Current Biology* 32, R341–R359, <https://doi.org/10.1016/j.cub.2022.03.051>.
- 13) Zhang, S., Yu, L., Tan, M., Tan, N.Y.L., Wong, X.X.B., **Kuntner, M.** & Li, D. 2022. Male mating strategies to counter sexual conflict in spiders. *Communications Biology*. <https://doi.org/10.1038/s42003-022-03512-8>
- 14) Čandek, K., Agnarsson, I., Binford, G.J. & **Kuntner, M.** 2021. Biogeography of Long-Jawed Spiders Reveals Multiple Colonization of the Caribbean. *Diversity* 13, 622. <https://doi.org/10.3390/d13120622>.
- 15) Htut, K.Z., Alicea-Serrano, A.M., Singla, S., Agnarsson, I., Garb, J.E., **Kuntner, M.**, Gregorič, M., Haney, R.A., Marhabaie, M., Blackledge, T.A. & Dhinojwala, A. 2021. Correlation between the protein secondary structure and the mechanical performance for the ultra-tough dragline silk of Darwin's bark spider. *Journal of the Royal Society Interface* 20210320; <https://doi.org/10.1098/rsif.2021.0320>
- 16) Kralj-Fišer, S., Schneider, J.M., **Kuntner, M.**, Laskowski, K. & Garcia-Gonzalez, F. 2021. The genetic architecture of behavioral traits in a spider. *Ecology and Evolution* 00:1-12, DOI: 10.1002/ece3.7430.
- 17) Malek-Hosseini, M.J., Muilwijk, J., Gregorič, M., **Kuntner, M.** & Čandek, K. 2021. First insights into the origin of Iranian cave beetle diversity with description of two new species of the genus *Duvalius* (Carabidae). *Journal of Zoological Systematics and Evolutionary Research* 59: 1453-1469, DOI: 10.1111/jzs.12537.
- 18) Quiñones-Lebrón, S.G., **Kuntner, M.** & Kralj-Fišer, S. 2021. The effect of genetics, diet, and social environment on adult male size in a sexually dimorphic spider. *Evolutionary Ecology* 35 (2), 217-234; <https://doi.org/10.1007/s10682-020-10097-3>.
- 19) Šet, J., Turk, E., Golobinek, R., Lokovšek, T., Gregorič, M., Quiñones Lebrón, S.G., **Kuntner, M.**, Čandek, K. & Kralj-Fišer, S. 2021. Sex-specific developmental trajectories in an extremely sexually size dimorphic spider. *Science of Nature* 108:54, <https://doi.org/10.1007/s00114-021-01754-w>.
- 20) Turk, E., Kralj-Fišer, S. & **Kuntner, M.** 2021. Exploring diversification drivers in golden orbweavers. *Scientific reports* 11: 9248, doi: 10.1038/s41598-021-88555-3.
- 21) Turk, E., Bond, J.E., Cheng, R.-C., Čandek, K., Hamilton, C.A., Gregorič, M., Kralj-Fišer, S. & **Kuntner, M.** 2021. A Natural Colonisation of Asia: Phylogenomic and Biogeographic History of Coin Spiders (Araneae: Nephilidae: *Herennia*). *Diversity* 13, 515. <https://doi.org/10.3390/d13110515>
- 22) Xu, X., Su, Y.-S., Ho, S. Y. W., **Kuntner, M.**, Ono, H., Liu, F., Chang, C.-C., Warrit, N., Sivayyapram, V., Aung, K. P. P., Pham, D. S., Norma-Rashid, Y., Li, D. 2021. Phylogenomic analysis of ultraconserved elements resolves the evolutionary and biogeographic history of segmented trapdoor spiders. *Systematic Biology* syaa098.
- 23) Abel, C., Schneider J. M., **Kuntner M.** & Harms D. 2020. Phylogeography of the 'cosmopolitan' orb-weaver *Argiope trifasciata* (Araneae: Araneidae). *Biological Journal of the Linnean Society* 131: 61–75.
- 24) Agnarsson, I. & **Kuntner, M.** 2020. *Araneae*. Pp. 613–616 in *Phylonyms: A Companion to the PhyloCode* (K. de Queiroz, P.D. Cantino, and J.A. Gauthier, eds.). CRC Press, Boca Raton, FL.
- 25) Agnarsson, I. & **Kuntner, M.** 2020. *Mesothelae*. Pp. 617–618 in *Phylonyms: A Companion to the PhyloCode* (K. de Queiroz, P.D. Cantino, and J.A. Gauthier, eds.). CRC Press, Boca Raton, FL.
- 26) Agnarsson, I. & **Kuntner, M.** 2020. *Araneomorphae*. Pp. 623–624 in *Phylonyms: A Companion to the PhyloCode* (K. de Queiroz, P.D. Cantino, and J.A. Gauthier, eds.). CRC Press, Boca Raton, FL.
- 27) Čandek, K., Agnarsson, I., Binford, G. & **Kuntner, M.** 2020. Caribbean golden orbweaving spiders maintain gene flow with North America. *Zoologica Scripta* 49:210-221.
- 28) Čandek, K., Pristovšek Čandek, U. & **Kuntner, M.** 2020. Machine learning approaches identify male body size as the most accurate predictor of species richness. *BMC Biology*, 18(1): 1-16 <https://doi.org/10.1186/s12915-020-00835-y>
- 29) **Kuntner, M.** & Agnarsson, I. 2020. *Opisthothelae*. Pp. 619–620 in *Phylonyms: A Companion to the PhyloCode* (K. de Queiroz, P.D. Cantino, and J.A. Gauthier, eds.). CRC Press, Boca Raton, FL.
- 30) **Kuntner, M.** & Agnarsson, I. 2020. *Mygalomorphae*. Pp. 621–622 in *Phylonyms: A Companion to the PhyloCode* (K. de Queiroz, P.D. Cantino, and J.A. Gauthier, eds.). CRC Press, Boca Raton, FL.

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Invited Seminars

- The 2nd International Electronic Conference on Diversity (IECD 2022)—New Insights into the Biodiversity of Plants, Animals and Microbes (online 16.iii.2022): “Next Generation Biogeography: towards a better estimation of dispersal probabilities” (Kuntner, M. & Turk., E.), invited lecture; <https://sciforum.net/event/IECD2022>
- Kaohsiung Medical University, Kaohsiung, Taiwan (18.x.2018): “Golden Orbweavers Ignore Biological Rules: Phylogenomic and Comparative Analyses Unravel a Complex Evolution of Sexual Size Dimorphism”
- National Institute of Biology, Ljubljana, Slovenia (23.v.2018): “Raziskave evolucijske biologije pajkov”
- Hubei University, Wuhan, China (23.x.2017): “Spider phylogenomics reveals a complex evolution of sexual size dimorphism”
- University of Nebraska, Lincoln, NE, USA – Seminar for the School of Biological Sciences (1.xii.2016): “Biology of gigantism: Extreme phenotypes in sexually dimorphic spiders”
- University of Maryland, College Park, MD, USA – Entomology Colloquium (14.x.2016): “Biological correlates of sexual size dimorphism in spiders”
- Smithsonian Institution, National Museum of Natural History, Washington, DC, USA - Entomology Seminar (29.ix.2016): “Biology of gigantism: Extreme phenotypes in sexually dimorphic spiders”
- Museum für Naturkunde, Berlin, Germany (9.v.2016): “Extreme female-biased sexual size dimorphism in spiders: A convergent evolutionary research agenda”
- Evolutionary Biology Seminar, University of Potsdam, Germany (9.v.2016): “Extreme female-biased sexual size dimorphism in spiders: A convergent evolutionary research agenda”
- Plenary lecture, 3rd Conference of Asian Society of Arachnology, Amravati, India (16.xi.2015): “Sexual dimorphism in spiders and its biological correlates”
- Hubei University, Wuhan, China (22.iv.2014): “The power of systematics”
- Slovene Natural History Museum, Ljubljana, Slovenia (20.ii.2014): “Evolutionary dwarves and giants among spiders (in Slovene)”
- Dresdener Zoologische Kolloquien, Senckenberg Museum fuer Naturkunde Dresden, Germany (13.xi.2013): “Online Sex: Evolution of spider behaviors”
- Biodiversity and Integrated Pest Management, Manado, Indonesia (4.vii.2013): “The impact of global changes on spider biodiversity”
- Plenary lecture, 19th International Congress of Arachnology, Kenting, Taiwan (27.vi.2013): “A model spider lineage: Reconstructing its past and predicting its future”
- Scientific Research Centre, Slovenian Academy of Sciences and Arts, Ljubljana, Slovenia (4.vi.2013): “Z Darwinom okoli sveta: Raziskovanje kot potovanje”. Round table with V. Likar, B. Telban, A. Hodalič
- National Institute of Biology, Ljubljana, Slovenia (13.xi.2012): “Biology of model spider groups: Reconstructing the past and predicting the future (in Slovene)”
- University of Puerto Rico, Rio Piedras, Puerto Rico (14.iii.2012): “Spider Diversity Research in the Global Change Era”
- Ljubljana, Slovenia, open air public lecture as part of the EU-wide Night of the Researchers (23.ix.2011): “Charles Darwin and evolution (in Slovene)” (see http://www.zaznanost.si/?page_id=663)

- Hubei University, Wuhan, China (14.vi.2011): "Evolution and Biological Consequences of Sexual Size Dimorphism in Spiders"
- Xishuangbanna Tropical Botanical Garden (Chinese Academy of Science), Yunnan, China (30.xii.2010): "Webs, Sex and Systematics: Fascinating Biology of Nephilid Spiders"
- Amravati University, India (27.ix.–2.xii.2010): Lectures and demonstrations at National Symposium/Workshop of Arachnology, Melghat Tiger Reserve, Maharashtra.
- Café Open, Ljubljana, Slovenia (3.x.2010): "Evolucija ali/in kreacionizem – pogled biologa" (public lecture available at <http://open.si/?p=4420>)
- Raziskovalni tabor študentov biologije, Most na Soči, Slovenia (25.vii.2010): "Evolucijske oboroževalne tekme pajkov velikanov"
- Znanstveni večeri Univerze v Novi Gorici, Zemono, Slovenia (22.iv.2010): "Evolucijske oboroževalne tekme pajkov velikanov"
- Hiša eksperimentov, Ljubljana, Slovenia (21.iv.2010): "Evolucijske oboroževalne tekme pajkov velikanov"
- Zborovanje učiteljev zgodovine, Črnomelj, Slovenia (16.iv.2010): "Pomen teorije evolucije in trenutne evolucijske raziskave v Sloveniji"
- TEDxMaribor, Maribor, Slovenia (2.ii.2010): Live video lecture on giant spiders titled "Ekstremni spolni dimorfizem pri pajkih gigantih", available at http://videlectures.net/tedx2010_kuntner_pajki/; <http://www.tedxmaribor.com/>
- University of Malaya, Kuala Lumpur, Malaysia (8.i.2010): "Webs, Sex and Systematics: Evolutionary Arms Race in Nephilid Spiders"
- Tunghai University, Taichung, Taiwan (16.xii.2009): "Webs, Sex and Systematics: Evolutionary Arms Race in Nephilid Spiders"
- Bern University, Institute of Ecology and Evolution, together with the Natural History Museum Bern, Switzerland (13.x.2009), Lecture series in ecology and evolution: "Webs, Sex and Systematics: Evolutionary Arms Race in Nephilid Spiders"
- Slovenian Academy of Sciences and Arts, Ljubljana, Slovenia (22.v.2009), Darwinov Dan: "Evolucija gigantizma in spolnega antagonizma pri pajkih"
- Scientific Research Centre, Slovenian Academy of Sciences and Arts, Ljubljana, Slovenia (19.v.2009), Historični Seminar: "Darwin in evolucijska misel 150 let kasneje – ob 200-letnici Darwinovega rojstva in 150-letnici izida Nastanka vrst"
- University of Puerto Rico, Rio Piedras, Puerto Rico (2009): "Webs, Sex and Systematics: Evolutionary Arms Race in Nephilid Spiders"
- Swedish Museum of Natural History, Department of Entomology, Stockholm, Sweden (2008): "Webs, Sex and Systematics: Evolutionary Arms Race in Nephilid Spiders"
- Oxford University, Jesus College, UK (2007): Leading discussion "What expertise will we need?" during EDIT (European Distributed Institute of Taxonomy) workshop "Taxonomy in Europe in the 21st Century"
- National Parks, Singapore (2007): "Sexually Antagonistic Coevolution in Nephilid Spiders and the Importance of Taxonomy in Addressing Evolutionary Questions"
- National University of Singapore, Department of Biological Sciences, Singapore (2007): "Sexually Antagonistic Coevolution in Nephilid Spiders"
- University of Nova Gorica, School for Environmental Sciences, Gorizia, Italy (2007): "Evolutionary Arms Race? Phylogenetics and Sexual Biology of Nephilid Spiders"
- Smithsonian Institution, National Museum of Natural History, Washington, DC, USA (2005): "Evolutionary Arms Race: Systematics and Biology of Nephilid Spiders"
- Plenary lecture, 22nd European Colloquium of Arachnology, Blagoevgrad, Bulgaria (2005): "Systematics and Evolution of Nephilid Spiders"
- George Washington University, Washington, DC, USA (2004): "Systematics and Evolution of Nephilid Spiders"
- Royal Museum for Central Africa, Tervuren, Belgium (2003): "Measuring Biodiversity" (with J. Coddington)
- La Selva Biological Station, Costa Rica (2003): "Estimating biodiversity from local to phylogenetic scales" (with J. Coddington)
- Scientific Research Centre, Slovenian Academy of Sciences and Arts, Ljubljana, Slovenia (1999): "Spider Biodiversity in Guyana"

Teaching & Mentorship

- Jožef Stefan International Postgraduate School, 2022: Advisor to masters student N. Kranjec
- University of Ljubljana, 2022: Committee member, PhD thesis: S. Polak
- University of Ljubljana, 2021-present: Advisor, PhD thesis: K.-P. Yu
- Oxford Brookes University, 2018-2022: Co-advisor, PhD thesis: S. Williams
- Hubei University, 23.x.2017: Guest lecture for graduate students "Scientific Writing: How to publish your research"
- Hubei University, 23.x.2017: Guest lecture for undergraduate course General Ecology
- University of Vermont, 1.ix.2017: Guest lecture for advanced undergraduate course Field Zoology

- University of Ljubljana, 2017-2022: Co-advisor, PhD thesis: E. Turk
- University of Ljubljana, 2015-2022: Advisor, PhD thesis: M.J. Malekhosseini
- National University of Singapore, 2015: External examiner, PhD candidature qualifying examination: Z. Chen
- University of Ljubljana, 2.vi.2015: Guest lecture for Biology masters module Functional Morphology
- University of Ljubljana, 2014-ongoing: Teaching BioSciences graduate course "Systematics and Evolution"
- University of Ljubljana, 2014-2020: Advisor, PhD thesis: S. Quiñones Lebrón
- University of Ljubljana, 2013-2018: Advisor, PhD thesis: K. Čandek
- University of Ljubljana, 2014: Committee member, PhD thesis: T. Delić
- University of Ljubljana, 2014: Committee member, PhD thesis: M. Lukić
- Hubei University, 10-23.iv.2014: Visiting professor for topical graduate module Systematics Fundamentals
- University of Ljubljana, 2012-2013: Advisor, MSc thesis: U. Pristovšek
- University of Ljubljana, 2011-2013: Advisor, MSc thesis: K. Čandek
- University of Ljubljana, 2011-2016: Advisor, PhD thesis: R.-C. Cheng
- University of Ljubljana, 25.v.2012: Guest lecture for Biology masters module Functional Morphology
- University of Puerto Rico, 12-16.iii.2012: Visiting professor for topical graduate module Global Change Biology
- University of Zagreb, 2012-2017: Co-advisor, PhD thesis: L. Katušić
- National University of Singapore, 2011: External examiner, PhD thesis: LM Yap
- National University of Singapore, 2011: Co-advisor, honours thesis: J Oh
- University of Western Australia, 2011: External examiner, PhD thesis: K. Edward
- National University of Singapore, 2011: Guest lecture for Behavioural Biology (LSM4253)
- National University of Singapore, 2010: External examiner, PhD candidature qualifying examination: SP Goh
- Amravati University, 27.xi.-2.xii.2010: Guest faculty at Indian National Symposium/Workshop of Arachnology
- University of Malaya, 2010-2011: Co-advisor, MSc thesis: NSM Dzarawi
- University of Ljubljana, 2010: Development of graduate course "Systematics and Evolution", now titled "Systematic and Evolutionary Biology"
- University of Ljubljana, 2010-2012: Committee member, PhD thesis: M. Turjak
- Macquarie University, 2009: External examiner, PhD thesis: A. Harmer
- University of Western Australia, 2009: External examiner, PhD thesis: M. Rix
- University of Ljubljana, 2008-2013: Advisor, PhD thesis: M. Gregorič
- University of Ljubljana, 2006-2009: Co-advisor, PhD thesis: S. Kralj-Fišer
- Universidad de Costa Rica and Organization for Tropical Studies, OTS 2003-1: Tropical Biology - An Ecological Approach, resource person for diversity measurements and spider ecology, La Selva Biological Station, Costa Rica, February 2003
- George Washington University, 2003-04: Teaching assistant, Introductory Biology for science majors

Newly Described Taxa

- **65 new species:** *Singafrotypa okavango* Kuntner and Hormiga, 2002; *Singafrotypa mandela* Kuntner and Hormiga, 2002; *Anelosimus andasibe* Agnarsson and Kuntner, 2005; *Anelosimus nazariani* Agnarsson and Kuntner, 2005; *Anelosimus sallee* Agnarsson and Kuntner, 2005; *Anelosimus salut* Agnarsson and Kuntner, 2005; *Anelosimus vondrona* Agnarsson and Kuntner, 2005; *Herennia agnarssoni* Kuntner, 2005; *Herennia deelemanae* Kuntner, 2005; *Herennia etruscilla* Kuntner, 2005; *Herennia gagamba* Kuntner, 2005; *Herennia jernej* Kuntner, 2005; *Herennia milleri* Kuntner, 2005; *Herennia oz* Kuntner, 2005; *Herennia sonja* Kuntner, 2005; *Herennia tone* Kuntner, 2005; *Clitaetra irenae* Kuntner, 2006; *Heptathela aha* Xu, Ono, Kuntner, Liu and Li; *Heptathela crypta* Xu, Ono, Kuntner, Liu and Li; *Heptathela gayozan* Xu, Ono, Kuntner, Liu and Li; *Heptathela kojima* Xu, Ono, Kuntner, Liu and Li; *Heptathela kubayama* Xu, Ono, Kuntner, Liu and Li; *Heptathela mae* Xu, Ono, Kuntner, Liu and Li; *Heptathela otoh* Xu, Ono, Kuntner, Liu and Li; *Heptathela shuri* Xu, Ono, Kuntner, Liu and Li; *Heptathela sumiyo* Xu, Ono, Kuntner, Liu and Li; *Heptathela tokashiki* Xu, Ono, Kuntner, Liu and Li; *Heptathela uken* Xu, Ono, Kuntner, Liu and Li; *Heptathela unten* Xu, Ono, Kuntner, Liu and Li; *Nephila komaci* Kuntner and Coddington, 2009; *Caerostris darwini* Kuntner and Agnarsson, 2010; *Nephilengys dodo* Kuntner and Agnarsson, 2011; *Menneus darwini* Coddington, Kuntner and Opell, 2012; *Menneus samperi* Coddington, Kuntner and Opell, 2012; *Menneus aussie* Coddington, Kuntner and Opell, 2012; *Menneus bituberculatus* Coddington, Kuntner and Opell, 2012; *Menneus nemesio* Coddington, Kuntner and Opell, 2012; *Menneus quasimodo* Coddington, Kuntner and Opell, 2012; *Menneus wa* Coddington, Kuntner and Opell, 2012; *Anelosimus hookeri* Agnarsson, Kuntner and Jencik, 2015; *Anelosimus tita* Agnarsson, Kuntner and Jencik, 2015; *Anelosimus ata* Agnarsson, Kuntner and Jencik, 2015; *Anelosimus darwini* Agnarsson, Kuntner and Jencik, 2015; *Anelosimus wallacei* Agnarsson, Veve and Kuntner, 2015; *Anelosimus huxleyi* Agnarsson, Veve and Kuntner, 2015; *Anelosimus buffoni* Agnarsson, Kuntner and Jencik, 2015; *Anelosimus moramora* Agnarsson, Kuntner and Jencik, 2015; *Caerostris wallacei* Gregorič, Blackledge, Agnarsson and Kuntner, 2015; *Ganthela jianensis* Xu, Kuntner and Chen, 2015; *Ganthela qingyuanensis* Xu, Kuntner and Liu, 2015; *Ganthela wangjiangensis* Xu, Kuntner and Liu, 2015; *Ganthela xianyouensis* Xu, Kuntner and Chen, 2015; *Ryuthela henoko* Xu, Liu, Ono, Chen, Kuntner and Li, 2017; *Qionghela bawang* Xu, Liu, Kuntner and Li, 2017; *Qionghela jianfeng* Xu, Liu, Kuntner and Li, 2017; *Qionghela yini* Xu, Liu, Kuntner

- and Li, 2017; *Qionghela wuzhi* Xu, Liu, Kuntner and Li, 2017; *Ryuthela kisenbaru*; Xu, Liu, Ono, Chen, Kuntner and Li, 2017; *Ryuthela motobu* Xu, Liu, Ono, Chen, Kuntner and Li, 2017; *Ryuthela nago* Xu, Liu, Ono, Chen, Kuntner and Li, 2017; *Ryuthela shimojanai* Xu, Liu, Ono, Chen, Kuntner and Li, 2017; *Ryuthela unten* Xu, Liu, Ono, Chen, Kuntner and Li, 2017; *Ryuthela banna* Xu, Liu, Ono, Chen, Kuntner and Li, 2017; *Ryuthela hirakubo* Xu, Liu, Ono, Chen, Kuntner and Li, 2017; *Ryuthela yarabu* Xu, Liu, Ono, Chen, Kuntner and Li, 2017; *Heptathela aha* Xu, Ono, Kuntner, Liu & Li, 2019; *Heptathela crypta* Xu, Ono, Kuntner, Liu & Li, 2019; *Heptathela gayozan* Xu, Ono, Kuntner, Liu & Li, 2019; *Heptathela kojima* Xu, Ono, Kuntner, Liu & Li, 2019; *Heptathela kubayama* Xu, Ono, Kuntner, Liu & Li, 2019; *Heptathela mae* Xu, Ono, Kuntner, Liu & Li, 2019; *Heptathela otoh*a Xu, Ono, Kuntner, Liu & Li, 2019; *Heptathela shuri* Xu, Ono, Kuntner, Liu & Li, 2019; *Heptathela sumiyo* Xu, Ono, Kuntner, Liu & Li, 2019; *Heptathela tokashiki* Xu, Ono, Kuntner, Liu & Li, 2019; *Heptathela unten* Xu, Ono, Kuntner, Liu & Li, 2019; *Heptathela uken* Xu, Ono, Kuntner, Liu & Li, 2019; *Cyphalonotus variabilis* Yu, Kuntner & Cheng, 2022; *Leviana cincinnata* Framenau & Kuntner, 2022; *Leviana folium* Framenau & Kuntner, 2022; *Leviana minima* Framenau & Kuntner, 2022
- **4 new genera:** *Nephilingis* Kuntner, 2013; *Ganthela* Xu and Kuntner, 2015; *Qionghela* Xu and Kuntner, 2015; *Leviana* Framenau and Kuntner, 2022
 - **1 newly ranked family** (Nephilidae; Kuntner, 2006); and **1 higher group** (Orbipurae; Kuntner et al. 2019).

Media Coverage & Interviews

Selected coverage of the 2022 *Current Biology* paper:

- **Smithsonian Magazine** (<https://www.smithsonianmag.com/science-nature/this-male-spider-catapults-itself-into-the-air-to-avoid-sexual-cannibalism-180979966/>)
- **CNN** (<https://edition.cnn.com/2022/04/26/asia/philoponella-prominens-spider-sexual-cannibalism-scn/index.html>)
- **New Scientist** (<https://www.newscientist.com/article/2317295-watch-male-orb-weaving-spiders-catapult-off-females-to-escape-death/>)
- **Science News** (<https://www.sciencenews.org/article/orb-spiders-mating-male-catapult-female-sex-cannibalism>)
- **NBC News** (<https://www.nbcnews.com/science/science-news/spiders-solution-sexual-cannibalism-catapulting-away-rcna24570>)
- **EurekAlert** (<https://www.eurekalert.org/news-releases/949721>)
- **Science Daily** (<https://www.sciencedaily.com/releases/2022/04/220425121113.htm>)
- **The Science Times** (<https://www.sciencetimes.com/articles/37338/20220426/male-spider-evades-sexual-cannibalism-catapulting-itself-midair.htm>)
- **Live Science** (<https://www.livescience.com/spiders-catapult-to-escape-sexual-cannibalism>)
- **The Scientist** (<https://www.the-scientist.com/news-opinion/spiders-catapult-themselves-to-avoid-becoming-their-mate-s-meal-69945>)
- **SciTechDaily** (<https://scitechdaily.com/male-spiders-catapult-off-their-mates-to-avoid-sexual-cannibalism-high-speed-video/>)
- **France 24** (<https://www.france24.com/en/live-news/20220425-some-male-spiders-catapult-away-after-sex-to-avoid-death>)
- **USA Today** (<https://eu.usatoday.com/story/news/world/2022/04/26/spiders-mating-catapult-away/7450447001/>)
- **Independent** (<https://www.independent.co.uk/news/science/wuhan-china-b2064976.html>)
- **The Times** (<https://www.thetimes.co.uk/article/spiders-leap-for-their-life-after-sex-3m9p7mxwh>)

Knowable Magazine: The ungentle joy of spider sex (28 Oct 2020; <https://knowablemagazine.org/article/living-world/2020/the-ungentle-joy-spider-sex>)

Radio Slovenia International: My Life, My Music (21 July 2020; <https://4d.rtvsl.si/arhiv/my-life-my-music/174709303>)

Tromba.si: 21. stoletje bo stoletje bioloških znanosti. Interview for national science outlet (<http://www.tromba.si/prof-dr-matjaz-kuntner-direktor-nib-21-stoletje-bo-stoletje-bioloških-znanosti-2/>)

Metina Lista Top Publications Coverage July 2017: <https://metinalista.si/top-objave-julij-2017/>

Selected coverage of the 2017 *Nature Genetics* paper:

- **Science Daily** (<https://www.sciencedaily.com/releases/2017/05/170501112627.htm>)
- **POP TV** (<http://www.24ur.com/novice/znanost-in-tehnologija/odkritje-ki-bo-spremenilo-industrijsko-proizvodnjo-in-prineslo-izjemno-korist-medicini.html>)

Selected coverage of the 2016 *Journal of Arachnology* paper:

- **BBC World Service** Outside Source radio interview (18 Nov 2016, ca. at 50th min at <http://www.bbc.co.uk/programmes/p04fwwk2>)
- **Newsweek** (online at <http://www.newsweek.com/2016/12/23/spider-camouflages-itself-leaf-foilage-530668.html?rx=us>; printed edition 23 December 2016: pages 46-47)
- **New Scientist** (<https://www.newscientist.com/article/2113153-masquerading-spider-looks-like-living-and-dead-leaves-at-once/>)

- **Live Science** (<http://www.livescience.com/56910-leaf-mimicking-spider-found.html>)
- **National Geographic** (<http://news.nationalgeographic.com/2016/11/spiders-leaves-china-camouflage/>)
- **Focus** (http://www.focus.de/wissen/videos/in-chinesischem-regenwald-kaum-zu-erkennen-biologe-entdeckt-laub-nachahmende-spinne_id_6239831.html)
- **Daily Mail** (<http://www.dailymail.co.uk/sciencetech/article-3945304/The-strange-spider-species-looks-just-like-LEAF-Arachnid-lurks-trees-remained-hidden-years.html>)
- **Mirror** (<http://www.mirror.co.uk/news/world-news/newly-discovered-camouflage-spider-hides-9337859>)
- **Fox News** (<http://www.foxnews.com/science/2016/11/18/newfound-spider-species-masquerades-as-dried-up-leaf.html>)
- **Motherboard** (<http://motherboard.vice.com/read/this-camouflaging-spider-will-make-you-forever-suspicious-of-dead-leaves>)
- **Real Clear Science** (http://www.realclearscience.com/quick_and_clear_science/2016/11/16/this_spider_pretends_to_be_a_leaf.html)
- **Popular Mechanics** (<http://www.popularmechanics.com/science/animals/a23923/newly-discovered-spider-looks-just-like-a-leaf/>)
- **IFL Science** (<http://www.iflscience.com/plants-and-animals/new-species-spider-looks-like-leaf/>)

Selected coverage of the 2016 *Scientific Reports* paper:

- **The Washington Post** (https://www.washingtonpost.com/news/speaking-of-science/wp/2016/05/06/its-better-to-give-these-male-spiders-perform-oral-sex-up-to-100-times-a-night/?postshare=31462537066386&tid=ss_tw)
- **Huffington Post** (http://www.huffingtonpost.com/entry/spider-oral-sex-darwins-bark_us_5723c72de4b0b49df6ab6002)
- **Live Science** (<http://www.livescience.com/54653-spider-oral-sex-observed.html>)
- **Focus** (http://www.focus.de/wissen/videos/liebesspiel-unter-spinnen-verblueffende-entdeckung-maennliche-spinnen-begluucken-ihre-weibchen-mit-oralsex_id_5496290.html)
- **The Sun** (<http://www.thesun.co.uk/sol/homepage/features/7120407/Gigantic-female-spiders-force-mates-to-perform-oral-sex-on-them-up-to-100-TIMES.html>)
- **Daily Mail** (<http://www.dailymail.co.uk/sciencetech/article-3566503/The-incredible-world-spider-sex-Gigantic-female-Darwin-spiders-14-times-larger-males-force-mates-perform-oral-sex-100-times-males-bite-genitals-boost-aggression.html>)
- **Mirror** (<http://www.mirror.co.uk/news/weird-news/scientists-stunned-find-giant-female-7873265>)
- **NY Mag** (<http://nymag.com/thecut/2016/05/spider-performs-oral-sex-100-times-while-mating.html>)
- **Irish Mirror** (<http://www.irishmirror.ie/news/weird-news/scientists-stunned-find-giant-female-7874790>)
- **The Daily Express** (<http://www.express.co.uk/news/nature/666121/oral-sex-spiders-mating-pleasure>)

Coverage of the 2014 *Behav. Ecol. Sociobiol.* paper:

- **New Scientist** (<http://www.newscientist.com/article/dn26812-zoologger-spider-has-sex-then-chews-off-own-genitals.html>)

Nature.com invited commentary: "Spider gene study reveals tangled evolution", 21 July 2014:

<http://www.nature.com/news/spider-gene-study-reveals-tangled-evolution-1.15578>

POP TV, Slovenia: Interview in the informative show Epilog, 24.iv.2014

Radio Slovenia I: Intelektla, 4.vi.2013 (<http://tvslo.si/predvajaj/slovenija-drzava-intelektualnih-viskov/ava2.168437020/>)

Selected coverage of the 2012 Lee & al. *Biology Letters* paper:

- **Nature** (<http://www.nature.com/nature/journal/v486/n7403/full/486296c.html>) volume 486: p. 296, 21 June 2012
- **Science** (<http://news.sciencemag.org/sciencenow/2012/06/scienceshot-eunuch-spiders-are.html>)
- **Discover Magazine** (<http://blogs.discovermagazine.com/notrocketscience/2012/06/12/male-spider-castrates-himself-and-gets-more-stamina/>)
- **Discovery News** (<http://news.discovery.com/animals/male-spiders-self-castrate-120613.html>)
- **The New York Times** (http://www.nytimes.com/2012/06/19/science/an-anomaly-in-mating-self-castration-raises-reproductive-success.html?_r=1)
- **ABC News** (<http://www.abc.net.au/news/2012-06-13/eunuch-spiders-fight-off-competition/4067866>)
- **Global Post** (<http://www.globalpost.com/dispatch/news/science/120613/spiders-castrate-themselves-be-better-fighters>)

Coverage of the 2012 Li & al. *Biology Letters* paper:

- **Science** (<http://news.sciencemag.org/sciencenow/2012/01/scienceshot-cowardly-spider-can.html?rss=1>)
- **Nature** (<http://www.nature.com/news/spiders-dodge-cannibalism-through-remote-copulation-1.9939>)
- **Discovery News** (<http://news.discovery.com/animals/spiders-castrate-sex-120201.html>)
- **Live Science** (<http://www.livescience.com/18227-cannibalistic-spider-detachable-penis.html>)
- **BBC News** (<http://www.bbc.co.uk/news/science-environment-16816344>)
- **Discover Magazine** (<http://blogs.discovermagazine.com/notrocketscience/2012/02/01/male-spider-snaps-off-own-genitals-inside-female-to-fertilise-her-remotely-while-being-eaten/>)
- **The Guardian** (<http://www.guardian.co.uk/science/2012/feb/01/losing-genitals-mating-male-spiders>)
- **Scientific American** (<http://www.scientificamerican.com/podcast/episode.cfm?id=spider-parting-gift-makes-him-steri-12-01-31>)

- **Today (Singapore)** (<http://www.todayonline.com/Science/EDC120201-0000100/Male-spiders-sacrifice-their-genitals-to-fertilise-big-hungry-females>)
 - **Der Standard (Austria)** (<http://derstandard.at/1326504257113/Fernkopulation-Der-bizarre-Sex-von-Nephilengys-malabarensis>)
- Coverage of the 2012 *Naturwissenschaften* paper: **New Scientist**
(<http://www.newscientist.com/article/mg21328465.700-eunuch-spiders-still-have-balls.html>)
- Radio Slovenia I:** Nočni gost, 8.i.2012 (<http://tvsllo.si/#ava2.125362562>). Interview on national radio
- Selected coverage of the 2011 *Journal of Arachnology* and *PLoS ONE* papers:
- **New Scientist** (<http://www.newscientist.com/article/dn21124-zoologger-the-biggest-spider-web-in-the-world.html>)
 - **Nature 479: 152–153, 10 November 2011, doi:10.1038/479152e (online 9. 11. 2011)**
 - **Nature.com** (<http://www.nature.com/nature/journal/v479/n7372/full/479152e.html>)
- Coverage of the 2011 *Animal Behaviour* paper:
- **Smithsonian Science** (<http://smithsonianscience.org/2011/10/suitors-gentle-massage-sooths-aggressive-cannibalistic-female-spiders-researchers-find/>)
 - **Smithsonian Science** (<http://smithsonianscience.org/2011/04/dont-pick-a-fight-with-a-eunuch-spider-its-got-nothing-to-lose/>)
 - **National Geographic** (<http://news.nationalgeographic.com/news/2011/03/110330-spiders-sex-males-eunuchs-lovers-fighters-animals-science/>)
- Slovenian National TV studio interview “Polnočni klub”, 7.i.2011
- Selected coverage of the 2010 *Journal of Arachnology* and *PLoS ONE* papers:
- **BBC News** (http://news.bbc.co.uk/earth/hi/earth_news/newsid_9001000/9001866.stm)
 - **Science Magazine** (1.x.2010: p. 21)
 - **Science Online** (<http://news.sciencemag.org/sciencenow/2010/09/malagasy-spiders-spin-the-worlds.html>)
 - **National Geographic** (http://news.nationalgeographic.com/news/2010/09/photogalleries/100917-darwins-bark-spider-new-species-spider-webs-madagascar-science-pictures-strongest/?now=2010-09-17-00:01#/huge-spider-webs-kid_26176_600x450.jpg)
 - **The Sun** (<http://www.thesun.co.uk/sol/homepage/news/3151756/These-spiders-are-web-masters.html>)
 - **Time Magazine** (<http://newsfeed.time.com/2010/09/17/worlds-largest-spider-web-can-catch-30-insects-at-a-time/>)
 - **Live Science** (<http://www.livescience.com/animals/darwins-bark-spider-weaves-strong-web-100924.html>)
 - **Smithsonian** (<http://smithsonianscience.org/>)
 - **Daily Mail** (<http://www.dailymail.co.uk/sciencetech/article-1314864/Worlds-biggest-spider-web-stretches-80-feet-river.html?ito=feeds-newsxml>)
 - **Australian Herald** (<http://story.australianherald.com/index.php/ct/9/cid/88f7d0d02bea1b33/id/686503/cs/1/>)
 - **Daily Record** (<http://www.dailyrecord.co.uk/videos-pics/2010/09/24/scientists-discover-the-world-s-largest-spider-webs-86908-22585131/>)
 - **San Diego Tribune** (<http://topics.signonsandiego.com/article/08Px2U95md5Dm?q=Madagascar>)
 - **Africa Geographic** (<http://www.africageographic.com/newsroom/index.php/2010/09/21/gigantic-spider-web/>)
 - **Discovery News** (<http://news.discovery.com/animals/new-spider-catches-attention-in-giant-web.html>)
 - **Wired Science** (<http://www.wired.co.uk/news/archive/2010-09/21/spider-web>)
 - **Discover magazine** (<http://blogs.discovermagazine.com/notrocketscience/>)
- Radio Student:** Intervju 14.x.2010. Interview on student radio (<http://open.si/?p=4420>)
- Radio Slovenia II:** Frekvenca X, 30.ix.2010 (<http://tvsllo.si/#ava2.83495103;>). Interview on national radio.
- POP TV** live studio news interview, 17.ix.2010 (<http://24ur.com/novice/slovenija/v-guinnessovi-knjigi-kar-17-slovenskih-rekordov.html#video>).
- Radio Slovenia I:** Sobotno branje, 19.vi.2010 (<http://tvsllo.si/predvajaj/sobotno-branje/ava2.73631124/>). Interview on national radio.
- National Geographic** Slovenija, May 2010: Mreža velikanka (by C. Carroll).
- National Geographic** Magazine, May 2010: World's Widest Web (by C. Carroll).
- Večer.com** 3.ii.2010: coverage of TEDxMaribor video lecture and interview (<http://www.vecer.com/clanekslo2010020305509235>; <http://www.vecer.com/clanekmar2010020305509080>).
- Interview for EU publication: "Marie Curie Actions - Inspiring Researchers" pp. 244-247 (http://surveys.publications.europa.eu/formserver/DGRTD_Marie_Curie/inspiring_researchers_en.pdf).
- Radio Slovenia II:** Nedeljski gost Vala 202, 24.i.2010 (<http://tvsllo.si/#ava2.57974191;>). Live interview on national radio.
- Sobotna Priloga (Delo): Spolna oboroževalna tekma, v kateri zmagujejo ženske** 5.xii.2009. Interview.
- Radio Slovenia III:** Podobe znanja, 4.xii.2009 (<http://tvsllo.si/predvajaj/podobe-znanja/ava2.52401562/>). Interview on national radio.
- Coverage of the 2009 *Molecular Phylogenetics and Evolution* paper:
- **BBC News** (http://news.bbc.co.uk/earth/hi/earth_news/newsid_8383000/8383070.stm)
- Selected coverage of the 2009 *PLoS ONE* paper:
- **BBC News** (<http://news.bbc.co.uk/2/hi/science/nature/8316720.stm>)

- **Science** (<http://sciencenow.sciencemag.org/science-shots/>)
- **Nature** (http://blogs.nature.com/news/thegreatbeyond/2009/10/extinct_mega_spider_found_aliv.html)
- **Scientific American** (<http://www.scientificamerican.com/blog/post.cfm?id=spooky-new-spider-weaves-monster-we-2009-10-21>)
- **National Geographic** (<http://news.nationalgeographic.com/news/2009/10/091021-largest-web-spinning-spider.html>)
- **Smithsonian** (<http://smithsonianscience.org/2009/10/females-are-giants-in-newly-discovered-species-of-orb-weaver-spider-from-africa/>)
- **Reuters** (<http://www.reuters.com/news/video?videoid=113612>)
- **London Times** (<http://www.timesonline.co.uk/tol/news/environment/article6883080.ece>)
- **Daily Mail** (<http://www.dailymail.co.uk/sciencetech/article-1221869/Giant-orb-web-spider-discovered-Worlds-largest-web-spinning-arachnid-South-Africa.html>)
- **Telegraph** (<http://www.telegraph.co.uk/science/science-news/6385807/The-Worlds-largest--web-spinning-spider-discovered.html>)
- **Fox News** (<http://www.foxnews.com/story/0,2933,568842,00.html>)
- **New York Times** (http://www.nytimes.com/slideshow/2009/10/23/science/102209_Sciencepix_index.html)
- **Spiegel** (<http://www.spiegel.de/wissenschaft/natur/0,1518,656249,00.html>)
- **Welt** (<http://www.welt.de/wissenschaft/tierwelt/article4920601/Neue-Riesenspinne-auf-Madagaskar-entdeckt.html>)
- **Focus** (http://www.focus.de/wissen/wissenschaft/artenschutz/tiere-weltgroesste-netzspinne-entdeckt_aid_446436.html)
- **El Pais**
(http://www.elpais.com/articulo/sociedad/arana/teje/telas/grandes/elpepusoc/20091020elpepusoc_11/Tes)
- **Dnevnik** (<http://www.dnevnik.si/novice/znanost/1042308821>)
- **Delo** (<http://www.delo.si/clanek/90881>)
- **POP TV** (<http://24ur.com/ekskluziv/zanimivosti/slovenec-odkril-novo-vrsto-pajka.html>)

Coverage of the 2009 *Evolution* paper:

- **Scientific American** *A spider does what with his genitals?* <http://www.scientificamerican.com/blog/60-second-science/post.cfm?id=a-spider-does-what-with-his-genital-2009-05-22>

Coverage of the 2009 *Journal of Zoology* paper:

- **Raffles Museum News** *The Plug of Nephilid Spiders – A Raffles Museum Fellowship Research* (<http://rafflesmuseum.wordpress.com/2009/04/27/the-plug-of-nephilid-spiders-a-raffles-museum-fellowship-research/>)
- **Journal of Zoology** podcast interview (http://bdown.astream.com/jzo_podcast_3.mp3)