



Publications related to African Arachnids – 2018

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- AZEVEDO, G.H.F, GRISWOLD, C.E. & SANTOS, A.J.** 2018. To complicate or to simplify? Phylogenetic tests of complexity trends and genital evolution in ground spiders (Araneae: Dionycha: Gnaphosidae). *Zoological Journal of the Linnean Society* 184: 673–694.
- AZEVEDO, G.H.F, GRISWOLD, C.E. & SANTOS, A.J.** 2018. Systematics and evolution of ground spiders revisited (Araneae, Dionycha, Gnaphosidae). *Cladistics* 34: 579–626.
- BALLARIN, F. & LI, S.Q.** 2018. Diversification in tropics and subtropics following the mid-Miocene climate change: A case study of the spider genus *Nesticella*. *Global Change Biology* 24: e577–e591.
- BAUER, T., RAUB, F. & HÖFER, H.** 2018. Notes on the behavior and the pendulous egg-sacs of *Viridasius* sp. (Araneae: Viridasiidae). *Journal of Arachnology* 46: 155–158.
- BAYER, S., FOELIX, R. & ALDERWEIRELDT, M.** 2018. An unusual new wolf spider species from the Erg Chebbi Desert in Morocco (Araneae: Lycosidae: Evippinae). *Journal of Arachnology* 45: 344–355.
- BOSMANS, R. & EL-HENNAWY, H.K.** 2018. *Mesiotelus alexandrinus* (Simon, 1880) is a junior synonym of *Mesiotelus tenuissimus* (L. Koch, 1866) (Araneae: Liocranidae). *Serket* 16: 100–104.
- BOSMANS, R., KHERBOUCHE-ABROUS, O., BENHALIMA, S. & HERVÉ, C.** 2018. The genus *Haplodrassus* Chamberlin, 1922 in the Mediterranean and the Maghreb in particular (Araneae: Gnaphosidae). *Zootaxa* 4451: 1–67.
- CAMPBELL, H. & ENGELBRECHT, I.** 2018. The Baboon Spider Atlas – using citizen science and the 'fear factor' to map baboon spider (Araneae: Theraphosidae) diversity and distributions in Southern Africa. *Insect Conservation and Diversity* 11: 143–151.
- CAZANOVE, G. & BEGUE, J.-F.** 2018. Observation d'une variabilité morphologique chez *Arachnura scorpionoides* Vinson, 1863 à La Réunion (Aranea, Araneidae). *Revue Arachnologique* 25: 22–29.
- CHAMBERLAND, L., MCHUGH, A., KECHEJIAN, S., BINFORD, G. J., BOND, J. E., CODDINGTON, J., DOLMAN, G., HAMILTON, C. A., HARVEY, M. S., KUNTNER, M. & AGNARSSON, I.** 2018. From Gondwana to GAARlandia: Evolutionary history and biogeography of ogre-faced spiders (*Deinopsis*). *Journal of Biogeography* 45: 2442–2457.
- CHIKOROWONDO, G., MUVENGWI, J., MBIBA, M. & GANDIWA, E.** 2018. Functional diversity of macroinvertebrates on abandoned cattle enclosures in a semi-arid African savannah. *African Journal of Ecology* 56: 629–640.
- CONTI, E., COSTA, G., LIBERATORI, G., VANNUCCINI, M.L., PROTANO, G., NANNONI, F. & CORSI, I.** 2018. *Ariadna* spiders as bioindicator of heavy elements contamination in the Central Namib Desert. *Ecological Indicators* 95: 663–672.
- DIPPENAAR-SCHOEMAN, A.S., HADDAD, C.R., LYLE, R., LOTZ, L.N., FOORD, S.H., JOCQUÉ, R. & WEBB, P.** 2018. South African National Survey of Arachnida: A checklist of the spiders (Arachnida, Araneae) of the Tswalu Kalahari Reserve in the Northern Cape province, South Africa. *Koedoe* 60: a1486.

- EBERLE, J., DIMITROV, D., VALDEZ-MONDRAGÓN, A. & HUBER, B.A.** 2018. Microhabitat change drives diversification in pholcid spiders. *BMC Evolutionary Biology* 18: 141.
- FERNÁNDEZ, R., KALLAL, R.J., DIMITROV, D., BALLESTEROS, J.A., ARNEÑO, M.A., GIRIBET, G. & HORMIGA, G.** 2018. Phylogenomics, diversification dynamics, and comparative transcriptomics across the spider tree of life. *Current Biology* 28: 1489–1497.
- FITZPATRICK, M.J. & SEBATA, S.** 2018. The description of the female of *Ibala minshullae* FitzPatrick, 2009 (Araneae: Gnaphosidae). *Arnoldia Zimbabwe* 10: 368–371.
- FOORD, S.H., SWANEPOEL, L.H., EVANS, S.W., SCHOEMAN, C. S., SMITH, A., NEMBUDANI, L., MAREE, N., ERASMUS, B.F.N., SCHOEMAN, C., DIPPENAAR-SCHOEMAN, A.S., MUNYAI, C.T. & TAYLOR, P.J.** 2018. Animal taxa contrast in their scale-dependent responses to land use change in rural Africa. *PLoS ONE* 13: e0194336.
- FRICK, H. & SCHARFF, N.** 2018. Description of one new genus and four new species of mynoglenine spiders from Africa (Araneae: Linyphiidae: Mynogleninae). *European Journal of Taxonomy* 415: 1–27.
- GODWIN, R.L., OPATOVA, V., GARRISON, N.L., HAMILTON, C.A. & BOND, J.E.** 2018. Phylogeny of a cosmopolitan family of morphologically conserved trapdoor spiders (Mygalomorphae, Ctenizidae) using Anchored Hybrid Enrichment, with a description of the new family, Cyclocosmidae. *Molecular Phylogenetics and Evolution* 126: 303–313.
- HADDAD, C.R. & BUTLER, V.P.** 2018. Ground-dwelling spider assemblages in contrasting habitats in the central South African Grassland Biome. *Koedoe* 60: a1482.
- HARMS, D.** 2018. A new species of *Charinus* (Amblypygi: Charinidae) from Ghana, with notes on West African whip spiders. *Evolutionary Systematics* 2: 45–53.
- HASNAOUI, C., MEDDOUR, A. & LEBBAL, S.** 2018. New data on scorpion diversity in the region of Khenchela, Algeria. *Serket* 16: 1–6.
- HENRIKSEN, C.B., REBOLEIRA, A.S.P.S., SCHARFF, N. & ENGHOFF, H.** 2018. First record of a Basidiobolus/Amphoromorpha fungus from a spider. *African Journal of Ecology* 56: 153–156.
- HENSCHEL, J.R. & LUBIN, Y.** 2018. Web spider abundance is affected by sheep farming in the Karoo. *African Journal of Range & Forage Science* 35: 319–324.
- HIŘMAN, M., KOTYK, M., VARADÍNOVÁ, Z.K. & ŠŤÁHLAVSKÝ, F.** 2018. First cytogenetic study of a member of the harvestman family Neogoveidae (Opiliones: Cyphophthalmi: Sternophthalmi) from Cameroon with description of a new species *Parogovia parasironoides* sp. nov. *Annales Zoologici (Warszawa)* 68: 867–877.
- HUBER, B.A.** 2018. Cave-dwelling pholcid spiders (Araneae, Pholcidae): a review. *Subterranean Biology* 26: 1–18.
- HUBER, B.A., EBERLE, J. & DIMITROV, D.** 2018. The phylogeny of pholcid spiders: a critical evaluation of relationships suggested by molecular data (Araneae, Pholcidae). *ZooKeys* 789: 51–101.
- HUNT, E.R., MI, B., FERNANDEZ, C., WONG, B.M., PRUITT, J.N. & PINTER-WOLLMAN, N.** 2018. Social interactions shape individual and collective personality in social spiders. *Proceedings of the Royal Society B* 285: 20181366.
- JOCQUÉ, R. & ALDERWEIRELDT, M.** 2018. New Chummidae (Araneae): quadrupling the size of the clade. *European Journal of Taxonomy* 412: 1–25.
- JOCQUÉ R. & HENRARD A.** 2018. A revision of the genus *Cicynethus* Simon, 1910 (Araneae, Zodariidae), a tale of colour patterns. *European Journal of Taxonomy* 465: 1–35.
- JOSEPH, G.S., MAUDA, E.V. SEYMOUR, C.L., MUNYAI, C.T., DIPPENAAR-SCHOEMAN, A.S. & FOORD, S.H.** 2018. Landuse change in savannas disproportionately reduces functional diversity of invertebrate predators at the highest trophic levels: spiders as an example. *Ecosystems* 21: 930–942.
- KIOKO, G.M., KIOKO, E.N., LI, S.Q. & LI, L.Q.** 2018. On four species of the genus *Mistaria* Lehtinen, 1967 (Araneae, Agelenidae) from Kenya. *African Invertebrates* 59: 111–126.

- KOVAŘÍK, F., LOWE, G., JUST, P., AWALE, A.O., ELMI, H.S.A. & ŠTÁHLAVSKÝ, F.** 2018. Scorpions of the Horn of Africa (Arachnida: Scorpiones). Part XV. Review of the genus *Gint* Kovařík et al., 2013, with description of three new species from Somaliland (Scorpiones, Buthidae). *Euscorpius* 259: 1–41.
- KUNTNER, M. & AGNARSSON, I.** 2018. Diversity of tropical spiders. *Frontiers for Young Minds* 6: 64.
- LABARQUE, F.M., PÉREZ-GONZÁLEZ, A. & GRISWOLD, C.E.** 2018. Molecular phylogeny and revision of the false violin spiders (Araneae: Drymusidae) of Africa. *Zoological Journal of the Linnean Society* 183: 390–430.
- LOGUNOV, D.V. & AZARKINA, G.N.** 2018. Redefinition and partial revision of the genus *Stenaelurillus* Simon, 1886 (Arachnida, Araneae, Salticidae). *European Journal of Taxonomy* 430: 1–126.
- LOTZ, L.N.** 2018. An update on the spider genus *Hexophthalma* (Araneae: Sicariidae) in the Afrotropical region, with descriptions of new species. *European Journal of Taxonomy* 424: 1–18.
- LÜDDECKE, T., KREHENWINKEL, H., CANNING, G., GLAW, F., LONGHORN, S., TÄNZLER, R. WENDT, I. & VENCES, M.** 2018. Discovering the silk road: Nuclear and mitochondrial sequence data resolve the phylogenetic relationships among theraphosid spider subfamilies. *Molecular Phylogenetics and Evolution* 119: 63–70.
- LYLE, R. & HADDAD, C.R.** 2018. *Jocquestus*, a new genus of trachelid sac spiders from the Afrotropical Region (Arachnida: Araneae). *Zootaxa* 4471: 309–333.
- MAGALHÃES, M.D.F. & SANTOS, A.J.** 2018. The spider family Oecobiidae in Madagascar, including four new species and a new record. *Zootaxa* 4527: 37–48.
- MARIANTE, R.M. & HILL, D.E.** 2019. First record of *Thyene* cf. *pulchra* (Araneae: Salticidae: Plexippina) in Brazil. *Peckhamia* 173: 1–6.
- MARUSIK, Y.M. & LARSEN, N.** 2018. A synopsis of African *Metellina* (Aranei, Tetragnathidae, Metainae) with description of a new species from South Africa. *Vestník Zoologii* 52: 205–216.
- MUVENGWI, J., CHIKOROWONDO, G., MBIBA, M. & GANDIWA, E.** 2018. Diversity and abundance of macro-invertebrates on abandoned cattle kraals in a semi-arid savannah. *Ecology and Evolution* 8: 8477–8489.
- NDAVA, J., LLERA, S.D. & MANYANGA, P.** 2018. The future of mosquito control: The role of spiders as biological control agents: A review. *International Journal of Mosquito Research* 5: 6–11.
- OBUID-ALLAH, A.H., EL-SHIMY, N.A., HUSSIEN, E.H.M. & ABOULNASR, G.N.** 2018. Survey of the spiders (Araneae) at Assiut Governorate, Upper Egypt. *Indian Journal of Arachnology* 6: 39–50.
- PEKÁR, S., BOČÁNEK, O., MICHÁLEK, O., PETRÁKOVÁ, L., HADDAD, C.R., ŠEDO, O. & ZDRÁHAL, Z.** 2018. Venom gland size and venom composition – essential trophic adaptations of venomous predators: the case study using spiders. *Molecular Ecology* 27: 4257–4269.
- PEKÁR, S., LÍZNAROVÁ, E., BOČÁNEK, O. & ZDRÁHAL, Z.** 2018. Venom of prey-specialized spiders is more toxic to their preferred prey: A result of prey-specific toxins. *Journal of Animal Ecology* 87: 1639–1652.
- PIEL, W.H.** 2018. The global latitudinal diversity gradient pattern in spiders. *Journal of Biogeography* 45: 1896–1904.
- POLOTOW, D. & GRISWOLD, C.** 2018. *Chinja*, a new genus of spider from the Eastern Arc Mountains of Tanzania (Araneae, Zoropsidae). *Zootaxa* 4472: 545–562.
- PRÓSZYŃSKI, J.** 2018. Review of the genus *Hasarius* (Araneae: Salticidae) - a taxonomic fiasco. *Ecologica Montenegrina* 16: 16–31.
- PRÓSZYŃSKI, J.** 2018. Review of genera *Evarcha* and *Nigorella*, with comments on *Emertonius*, *Padilothorax*, *Stagetillus*, and description of five new genera and two new species (Araneae: Salticidae). *Ecologica Montenegrina* 16: 130–179.
- PRÓSZYŃSKI, J., LISSNER, J. & SCHÄFER, M.** 2018. Taxonomic survey of the genera *Euophrys*, *Pseudeuophrys* and *Talavera*, with description of *Euochin* gen. n. (Araneae: Salticidae) and with proposals of a new research protocol. *Ecologica Montenegrina* 18: 26–74.

- ROGER, J.** 2018. Spiders (Arachnida: Araneae) of Mayotte Island, Comoros Archipelago: bibliographical synthesis and new field observations. *Serket* 16: 105–132.
- SADINE, S., BISSATI, S. & IDDER, M.A.** 2018. Diversity and structure of scorpion fauna from arid ecosystem in Algerian Septentrional Sahara (2005–2018). *Serket* 16: 51–59.
- SCHAFFRATH, S., PRENDINI, L. & PREDEL, R.** 2018. Intraspecific venom variation in southern African scorpion species of the genera *Parabuthus*, *Uroplectes* and *Opisthophthalmus* (Scorpiones: Buthidae, Scorpionidae). *Toxicon* 144: 83–90.
- SCHENDEL, V., JUNGHANNS, A., BILDE, T. & UHL, G.** 2018. Comparative female genital morphology in *Stegodyphus* spiders (Araneae: Eresidae). *Zoologischer Anzeiger* 273: 240–249.
- SEPPÄLÄ, S., HENRIQUES, S., DRANEY, M., FOORD, S., GIBBONS, A., GOMEZ, L., KARIKO, S., MALUMBRES-OLARTE, J., MILNE, M., VINK, C. & CARDOSO, P.** 2018. Species conservation profiles of a random sample of world spiders I: Agelenidae to Filistatidae. *Biodiversity Data Journal* 6: e23555.
- SEPPÄLÄ, S., HENRIQUES, S., DRANEY, M., FOORD, S., GIBBONS, A., GOMEZ, L., KARIKO, S., MALUMBRES-OLARTE, J., MILNE, M., VINK, C. & CARDOSO, P.** 2018. Species conservation profiles of a random sample of world spiders II: Gnaphosidae to Nemesiidae. *Biodiversity Data Journal* 6: e26203.
- SEPPÄLÄ, S., HENRIQUES, S., DRANEY, M., FOORD, S., GIBBONS, A., GOMEZ, L., KARIKO, S., MALUMBRES-OLARTE, J., MILNE, M., VINK, C. & CARDOSO, P.** 2018. Species conservation profiles of a random sample of world spiders III: Oecobiidae to Salticidae. *Biodiversity Data Journal* 6: e27004.
- SEPPÄLÄ, S., HENRIQUES, S., DRANEY, M., FOORD, S., GIBBONS, A., GOMEZ, L., KARIKO, S., MALUMBRES-OLARTE, J., MILNE, M., VINK, C. & CARDOSO, P.** 2018. Species conservation profiles of a random sample of world spiders IV: Scytodidae to Zoropsidae. *Biodiversity Data Journal* 6: e30842.
- SOLIMAN, F.E., MOUSTAFA, A.Y., ISMAIL, T.G. & EL-MASRY, S.M.** 2018. Spiders (Arachnida: Araneae) of Jazirat Shandweel District, Sohag Governorate, Egypt. *Serket* 16: 133–160.
- ŠŤÁHLAVSKÝ, F., JUST, P., OPATOVA, V., LOTZ, L.N. & HADDAD, C.R.** 2018. Molecular technique reveals high variability of 18S rDNA distribution in harvestmen (Opiliones, Phalangidae) from South Africa. *Comparative Cytogenetics* 12: 41–59.
- SWART, R.C., PRYKE, J.S. & ROETS, F.** 2018. Arthropod assemblages deep in natural forests show different responses to surrounding land use. *Biodiversity and Conservation* 27: 583–606.
- WANG, C.X., LI, S.Q. & HADDAD, C.R.** 2018. A new species of the spider genus *Cangoderces* (Araneae, Telemidae) from South Africa. *African Invertebrates* 59: 37–45.
- WESOŁOWSKA, W.** 2018. A revision of the genus *Pochytoides* Berland & Millot, 1941 (Araneae: Salticidae), with descriptions of six new species. *European Journal of Taxonomy* 418: 1–26.
- WESOŁOWSKA, W.** 2018. Redescription of *Afromarengo lyrifera* (Araneae: Salticidae: Ballinae). *Arachnology* 17: 399–401.
- WESOŁOWSKA, W. & HADDAD, C.R.** 2018. Further additions to the jumping spider fauna of South Africa (Araneae: Salticidae). *Annales Zoologici, Warszawa* 68: 879–908.
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- WOOD, H.M. & SCHARFF, N.** 2018. A review of the Madagascan pelican spiders of the genera *Eriauchenius* O. Pickard-Cambridge, 1881 and *Madagascarchaea* gen. n. (Araneae, Archaeidae). *ZooKeys* 727: 1–96.
- ZONSTEIN, S.L.** 2018. Notes on the spider genus *Acontius*, with a description of two new species from Guinea and Burundi (Aranei: Cyrtaucheniiidae). *Arthropoda Selecta* 27: 219–226.

- ZONSTEIN, S.** 2018. Notes on *Entypesa* (Araneae: Nemesiidae) in the Field Museum of Natural History, with descriptions of four new species from Madagascar. *Arachnology* 17: 469–479.
- ZONSTEIN, S.L.** 2018. Complementary data on the genus *Ischnocolus* (Araneae: Theraphosidae). *Israel Journal of Entomology* 48: 105–118.
- ZONSTEIN, S.L., MARUSIK, Y.M. & KOPONEN, S.** 2018. A redescription of *Ancylotrypa elongata* Purcell, 1908, with first description of the male (Aranei: Cyrtaucheniidae). *Arthropoda Selecta* 27: 227–231.
- ZONSTEIN, S.L., MARUSIK, Y.M. & OMELKO, M.M.** 2018. Redescription of the monotypic genus *Scelidomachus* Pocock, 1899 (Aranei: Palpimanidae) and its type species. *Arthropoda Selecta* 27: 53–56.

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