



Publications related to African Arachnids – 2017

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- AHARON, S., HUBER, B.A. & GAVISH-REGEV, E.** 2017. Daddy-long-leg giants: revision of the spider genus *Artema* Walckenaer, 1837 (Araneae, Pholcidae). *European Journal of Taxonomy* 376: 1–57.
- BENAVIDES, L.R., GIRIBET, G. & HORMIGA, G.** 2017. Molecular phylogenetic analysis of "pirate spiders" (Araneae, Mimetidae) with the description of a new African genus and the first report of maternal care in the family. *Cladistics* 33: 375–405.
- BAYER, S., FOELIX, R. & ALDERWEIRELDT, M.** 2017. An unusual new wolf spider species from the Erg Chebbi Desert in Morocco (Araneae: Lycosidae: Evippinae). *Journal of Arachnology* 45: 344–355.
- BOSMANS, R., HENRARD, A., BENHALIMA, S. & KHERBOUCHE-ABROUS, O.** 2017. The genus *Clubiona* Latreille, 1904 (Araneae: Clubionidae) in the Maghreb, with notes on the *genevensis* group and new records from the Mediterranean Region. *Zootaxa* 4353: 1–28.
- CAZANOVE, G.** 2017. Découverte de *Zygiella x-notata* (Araneae, Araneidae) sur l'île de La Réunion (Océan Indien). *Revue Arachnologique* 24: 22–25.
- CLOUSE, R.M., BRANSTETTER, M.G., BUENAVENTE, P., CROWLEY, L.M., CZEKANSKI-MOIR, J., GENERAL, D.A.M., GIRIBET, G., HARVEY, M.S., JANIES, D.A., MOHAGAN, A.B., MOHAGAN, D.P., SHARMA, P.P. & WHEELER, W.C.** 2017. First global molecular phylogeny and biogeographical analysis of two arachnid orders (Schizomida and Uropygi) supports a tropical Pangean origin and mid-Cretaceous diversification. *Journal of Biogeography* 44: 2660–2672.
- CLUSELLA-TRULLAS, S. & GARCIA, R.A.** 2017. Impacts of invasive plants on animal diversity in South Africa: A synthesis. *Bothalia* 47:a2166.
- COETZEE, M., DIPPENAAR, A.S., FREAN, J. & HUNT, R.A.** 2017. First report of clinical presentation of a bite by a running spider, *Philodromus* sp. (Araneae: Philodromidae), with recommendations for spider bite management. *South African Medical Journal* 107: 576–577.
- COOPER, T.J.G., DU TOIT, J., STEENKAMP, E., PRYKE, J.S. & ROETS, F.** 2017. Historical arthropod diversity patterns direct rehabilitation targets for Robben Island, South Africa, a continental island in a biodiversity hotspot. *African Journal of Ecology* 55: 316–327.
- DELTSHEV, C.** 2017. Redescription of the poorly known crab spider *Firmicus bivittatus* (Araneae: Thomisidae). *Arachnologische Mitteilungen/Arachnology Letters* 53: 9–11.
- DIMASSI, N., KHADRA, Y.B., OTHMEN, A.B., EZZINE, I.K. & SAID, K.** 2017. High genetic diversity vs. low genetic and morphological differentiation of *Argiope trifasciata* (Araneae, Araneidae) in Tunisia. *Systematics and Biodiversity* 15: 1–15.
- DIMITROV, D., BENAVIDES, L.R., ARNEGO, M.A., GIRIBET, G., GRISWOLD, C.E., SCHARFF, N. & HORMIGA, G.** 2017. Rounding up the usual suspects: a standard target-gene approach for resolving the interfamilial phylogenetic relationships of ecribellate orb-weaving spiders with a new family-rank classification (Araneae, Araneoidea). *Cladistics* 33: 221–250 & Suppl.

- EL-HENNAWY, H.K.** 2017. A list of Egyptian spiders (revised in 2017). *Serket* 15: 167–183.
- EL-HENNAWY, H.K.** 2017. Illustrated key to spider families of Egypt (Arachnida: Araneae). *Serket* 15: 181–204.
- EL-HENNAWY, H.K., MOHAFAZ, M.A. & EL-GENDY, A.A.** 2017. The first record of *Phlegra bresnieri* (Lucas, 1846) in Egypt (Araneae: Salticidae). *Serket* 15: 143–146.
- EL HIDAN, M.A., TOULOUN, O. & BOUMEZZOUGH, A.** 2017. Spatial relationship between environmental factors and scorpion distribution in Morocco. *Journal of Entomology and Zoology Studies* 5: 674–678.
- FERNÁNDEZ, R., SHARMA, P.P., TOURINHO, A.L. & GIRIBET, G.** 2017. The Opiliones tree of life: shedding light on harvestmen relationships through transcriptomics. *Proceedings of the Royal Society B* 284: 20162340.
- GADALLAH, N.S. & EL-HENNAWY, H.K.** 2017. First record of the genus *Oxyrrhexis* Foerster, 1869 (Hymenoptera: Ichneumonidae: Pimplinae, Ephialtini) for the fauna of Egypt, with an unexpected new host record. *Zootaxa* 4318: 187–194.
- GAINETT, G., MICHALIK, P., MÜLLER, C.H.G., GIRIBET, G., TALARICO, G., WILLEMART, R.H.** 2017. Ultrastructure of chemoreceptive tarsal sensilla in an armored harvestman and evidence of olfaction across Laniatores (Arachnida, Opiliones). *Arthropod Structure & Development* 46: 178–195.
- HADDAD, C.R. & MBO, Z.** 2017. A new species of the endemic South African spider genus *Austrachelas* (Araneae: Gallieniellidae) and first description of the male of *A. bergi*. *Zootaxa* 4323: 119–124.
- HARRISON, S.E., HARVEY, M.S., COOPER, S.J.B., AUSTIN, A.D. & RIX, M.G.** 2017. Across the Indian Ocean: A remarkable example of trans-oceanic dispersal in an austral mygalomorph spider. *PloS ONE* 12: e0180139.
- HENRRARD, A. & JOCQUÉ, R.** 2017. Morphological and molecular evidence for new genera in the Afrotropical Cteninae (Araneae, Ctenidae) complex. *Zoological Journal of the Linnean Society* 180: 82–154 & Suppl.
- HENRRARD, A. & JOCQUÉ, R.** 2017. The new ant-eating genus *Suffascar* (Araneae, Zodariidae) endemic to Madagascar: a considerable extension of the dual femoral organ clade. *Invertebrate Systematics* 31: 519–565.
- HUBER, B.A., NEUMANN, J., GRABOLLE, A. & HULA, V.** 2017. Aliens in Europe: updates on the distributions of *Modisimus culicinus* and *Micropholcus fauroti* (Araneae, Pholcidae). *Arachnologische Mitteilungen/Arachnology Letters* 53: 12–18.
- JOCQUÉ, M., WELLENS, S., ANDRIANARIVOSOA, J.D., RAKOTONDRAPARANY, F., THE SEING, S. & JOCQUÉ, R.** 2017. A new species of *Ocyale* (Araneae, Lycosidae) from Madagascar, with first observations on the biology of a representative in the genus. *European Journal of Taxonomy* 355: 1–13.
- JUNGHANNS, A., HOLM, C., SCHOU, M.S., SØRENSEN, A.B., UHL, G. & BILDE, T.** 2017. Extreme allomaternal care and unequal task participation by unmated females in a cooperatively breeding spider. *Animal Behaviour* 132:101e107.
- KRONESTEDT, T.** 2017. Species of *Wadicosa* (Araneae, Lycosidae): a new species from Madagascar. *Zootaxa* 4263: 594–597.
- LABARQUE, F.M., WOLFF, J.O., MICHALIK, P., GRISWOLD, C.E. & RAMÍREZ, M.J.** 2017. The evolution and function of spider feet (Araneae: Arachnida): multiple acquisitions of distal articulations. *Zoological Journal of the Linnean Society* 181: 308–341.
- LINGBEEK, B.J., HIGGINS, C.L., MUIR, J.P., KATTES, D.H. & SCHWERTNE, T.W.** 2017. Arthropod diversity and assemblage structure response to deforestation and desertification in the Sahel of western Senegal. *Global Ecology and Conservation* 11: 165–176.
- LOTZ, L.N.** 2017. An update on the spider genus *Loxosceles* (Araneae: Sicariidae) in the Afrotropical region, with description of seven new species. *Zootaxa* 4341: 475–494.
- LOTZ, L.N.** 2017. A new species of *Afrarchaea* (Araneae: Archaeidae) from South Africa. *Arachnology* 17: 296–298.

- LOURENÇO, W.R.** 2017. Further amendments to the taxonomy [sic.] of the genus *Buthacus* Birula, 1908 (Scorpiones: Buthidae). *Arachnida, Rivista Aracnologica Italiana* 12: 18–30.
- LYAKURWA, J.V. & THOMAS, S.M.** 2017. PTYCHADENIDAE *Ptychadena anchieta* (Bocage 1867) Achieta's Ridged Frog/Plain Grass Frof (sic.) predation. *African Herp News* 65: 30–32.
- MACHADO, M., TEIXEIRA, R.A. & LISE, A.A.** 2017. Cladistic analysis supports the monophyly of the Neotropical crab spider genus *Epicadus* and its senior synonymy over *Tobias* (Araneae: Thomisidae). *Invertebrate Systematics* 31: 442–455.
- MADDISON, W.P., EVANS, S.C., HAMILTON, C.A., BOND, J.E., LEMMON, A.R. & LEMMON, E.M.** 2017. A genome-wide phylogeny of jumping spiders (Araneae, Salticidae), using anchored hybrid enrichment. *ZooKeys* 695: 89–101.
- MAGALHÃES, I.F., BRESCOVIT, A.D. & SANTOS, A.J.** 2017. Phylogeny of Sicariidae spiders (Araneae: Haplogynae), with a monograph on Neotropical *Sicarius*. *Zoological Journal of the Linnean Society* 179: 767–864.
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- MAMMOLA, S., MICHALIK, P., HEBETS, E.A. & ISAIA, M.** 2017. Record breaking achievements by spiders and the scientists who study them. *PeerJ* 5: e3972.
- MARUSIK, Y.M.** 2017. A review of *Diphya* (Aranei: Tetragnathidae) from South Africa. *Arthropoda Selecta* 26: 133–138.
- MARUSIK, Y.M.** 2017. Redescription of the holotype of *Larinia vara* Kauri, 1950 (Aranei: Araneidae) from South Africa, with establishing of a new combination. *Arthropoda Selecta* 26: 245–247.
- MARUSIK, Y.M.** 2017. On two sibling species of *Hahnia* (Araneae: Hahniidae) from Western Cape, South Africa. *Arachnology* 17: 299–301.
- MARUSIK, Y.M., KOPONEN, S. & ZONSTEIN, S.** 2017. A revalidation and redescription of *Sahastata infusata*, with notes on *S. nigra* (Araneae: Filistatidae). *Arachnology* 17: 309–311.
- MARUSIK, Y.M. & OMELEKO, M.M.** 2017. Redescription of *Micaria beaufortia* (Araneae, Gnaphosidae), with notes on Afrotropical *Micaria*. *Zootaxa* 4294: 462–470.
- MONOD, L., CAUWET, L., GONZÁLEZ-SANTILLÁN, E. & HUBER, S.** 2017. The male sexual apparatus in the order Scorpiones (Arachnida): a comparative study of functional morphology as a tool to define hypotheses of homology. *Frontiers in Zoology* 14:51.
- NENTWIG, W., PANTINI, P. & VETTER, R.S.** 2017. Distribution and medical aspects of *Loxosceles rufescens*, one of the most invasive spiders of the world (Araneae: Sicariidae). *Toxicon* 132: 19–28.
- PÉREZ-MILES, F., GUADANUCCI, J.P.L., JURGILAS, J.P., BECCO, R. & PERAFÁN, C.** 2017. Morphology and evolution of scopula, pseudoscopula and claw tufts in Mygalomorphae (Araneae). *Zoomorphology* 136: 435–459.
- PRÓSZYŃSKI, J.** 2017. Pragmatic classification of the World's Salticidae (Araneae). *Ecologica Montenegrina* 12: 1–133.
- PRÓSZYŃSKI, J.** 2017. Remarks on the genus *Plexippus* C. L. Koch, 1846 (Araneae: Salticidae). *Ecologica Montenegrina* 13: 39–69.
- RESTANO-CASSULINI, R., GARCIA, W., PANIAGUA-SOLÍS, J.F. & POSSANI, L.D.** 2017. Antivenom evaluation by electrophysiological analysis. *Toxins* 9: 74.
- ŘEZÁČ, M., KREJČÍ, T., GOODACRE, S., HADDAD, C.R. & ŘEZÁČOVÁ, V.** 2017. Morphological and functional diversity of minor ampullate glands in spiders from the superfamily Amaurobioidea (Entelegynae: RTA clade). *Journal of Arachnology* 45: 198–208.
- ROZWALKA, R., RUTKOWSKI, T. & BIELAK-BIELECKI, P.** 2017. New data on introduced and rare synanthropic spider species (Arachnida: Araneae) in Poland (II). *Annales Universitatis Mariae Curie-Skłodowska, Lublin-Polonia* 71: 59–85.
- RUSSELL-SMITH, A. & ROBERTS, M.J.** 2017. A revision of the African wolf spider genus *Pterartoria* Purcell, 1903 (Araneae: Lycosidae). *Arachnology* 17: 257–276.

- SETTEPANI, V., SCHOU, M.F., GREVE, M., GRINSTED, L., BECHSGAARD, J. & BILDE, T.** 2017. Evolution of sociality in spiders leads to depleted genomic diversity at both population and species level. *Molecular Ecology* 6: 4197–4210.
- SIYAM, M., DUNLOP, J.A. & JÄGER, P.** 2017. Further spider records from the Republic of the Sudan. *Arachnology* 17: 317–322.
- SONG, Y., ZHAO, H.F., LUO, Y., KIOKO, G.N., KIOKO, E.N. & LI, S.Q.** 2017. The first record of Telemidae from Kenya, with the description of two new species (Arachnida, Araneae). *ZooKeys* 725: 1–15.
- SOUSA, P., ARNEDE, M.A. & HARRIS, D.J.** 2017. Updated catalogue and taxonomic notes on the Old-World scorpion genus *Buthus* Leach, 1815 (Scorpiones, Buthidae). *ZooKeys* 686: 15–84.
- SWART, R., PRYKE, J.S. & ROETS, F.** 2017. Optimising the sampling of foliage arthropods from scrubland vegetation for biodiversity studies. *African Entomology* 25: 164–174.
- TAYLOR, C.K.** 2017. Notes on Phalangiidae (Arachnida: Opiliones) of southern Africa with description of new species and comments on within-species variation. *Zootaxa* 4272: 236–250.
- VANDERHAEGEN, K. & JOCQUÉ, R.** 2017. A new Afromontane species of the ant-eating spider genus *Dusmadiores* and description of the male of *D. deserticola* (Araneae: Zodariidae). *Zootaxa* 4318: 548–560.
- WESOŁOWSKA, W.** 2017. Description of the male of *Icius grassei* (Araneae: Salticidae). *Arachnology* 17: 253–257.
- WHEELER, W.H., CODDINGTON, J.A., CROWLEY, L.M., DIMITROV, D., GOLOBOFF, P.A., GRISWOLD, C.E., HORMIGA, G., PRENDINI, L., RAMÍREZ, M.J., SIERWALD, P., ALMEIDA-SILVA, L.M., ÁLVAREZ-PADILLA, F., ARNEDE, M.A., BENAVIDES SILVA, L.R., BENJAMIN, S.P., BOND, J.E., GRISMADO, C.J., HASAN, E., HEDIN, M., IZQUIERDO, M.A., LABARQUE, F.M., LEDFORD, J., LOPARDO, L., MADDISON, W.P., MILLER, J.A., PIACENTINI, L.N., PLATNICK, N.I., POLOTOW, D., SILVA-DÁVILA, D., SCHARFF, N., SZÜTS, T., UBICK, D., VINK, C.J., WOOD, H.M. & ZHANG, J.X.** 2017. The spider tree of life: phylogeny of Araneae based on target-gene analyses from an extensive taxon sampling. *Cladistics* 33: 576–616.
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- WRIGHT, C.M., LICHTENSTEIN, J.L.L., MONTGOMERY, G.A., LUSCUSKIE, L.P., PINTER-WOLLMAN, N. & PRUITT, J.N.** 2017. Exposure to predators reduces collective foraging aggressiveness and eliminates its relationship with colony personality composition. *Behavioral Ecology and Sociobiology* 71:126.
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