



## Publications related to African Arachnids – 2019

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- AHARON, S., BALLESTEROS, J.A., CRAWFORD, A.R., FRISKE, K., GAINETT, G., LANGFORD, B., SANTIBÁÑEZ-LÓPEZ, C.E., YA'ARAN, S., GAVISH-REGEV, E. & SHARMA, P.P. 2019. The anatomy of an unstable node: a Levantine relict precipitates phylogenomic dissolution of higher-level relationships of the armoured harvestmen (Arachnida: Opiliones: Laniatores). *Invertebrate Systematics* 33: 697–717.
- BENAVIDES, L.R., COSGROVE, J.G., HARVEY, M.S. & GIRIBET, G. 2019. Phylogenomic interrogation resolves the backbone of the Pseudoscorpiones tree of life. *Molecular Phylogenetics and Evolution* 139: 106509.
- BENAVIDES, L.R., HORMIGA, G. & GIRIBET, G. 2019. Phylogeny, evolution and systematic revision of the mite harvestman family Neogoveidae (Opiliones Cyphophthalmi). *Invertebrate Systematics* 33: 101–180.
- BENJAMIN, S.P. & RANASINGHE, U.G.S.L. 2019. Redescription of *Tagulis granulosus* (Araneae: Thomisidae) from Sierra Leone. *Arachnology* 18: 22–23.
- BOND, J.E. & LAMB, T. 2019. A new species of *Pionothele* from Gobabeb, Namibia (Araneae, Mygalomorphae, Nemesiidae). *ZooKeys* 851: 17–25.
- CARDOSO, P., SHIREY, V., SEPPÄLÄ, S., HENRIQUES, S., DRANEY, M., FOORD, S., GIBBONS, A., GOMEZ, L., KARIKO, S., MALUMBRES-OLARTE, J., MILNE, M. & VINK, C. 2019. Globally distributed occurrences utilised in 200 spider species conservation profiles (Arachnida, Araneae). *Biodiversity Data Journal* 7: e33264.
- CAZANOVE, G. 2019. Premier signalement de *Latrodectus geometricus* (Araneae, Theridiidae) sur l'île de La Réunion (Océan Indien) avec quelques notes sur son élevage. *Revue Arachnologique* 6: 10–15.
- CHOUSOU-POLYDOURI, N., CARMICHAEL, A., SZÜTS, T., SAUCEDO, A., GILLESPIE, R., GRISWOLD, C. & WOOD, H.M. 2019. Giant Goblins above the waves at the southern end of the world: The biogeography of the spider family Orsolobidae (Araneae, Dysderoidea). *Journal of Biogeography* 46: 332–342.
- CONTI, E., MULDER, C., PAPPLARDO, A.M., FERRITO, V. & COSTA, G. 2019. How soil granulometry, temperature, and water predict genetic differentiation in Namibian spiders (*Ariadna*: Segestriidae) and explain their behaviour. *Ecology and Evolution* 9: 4382–4391.
- DEDERICHS, T.M., MÜLLER, C.H.G., SENTENSKÁ, L., LIPKE, E., UHL, G. & MICHALIK, P. 2019. The innervation of the male copulatory organ of spiders (Araneae) – a comparative analysis. *Frontiers in Zoology* 16: 39.
- DIPPENAAR-SCHOEMAN, A.S. & FOORD, S.H. 2019. New records of *Cladomelea* from South Africa, including the first records of *C. longipes* (O. Pickard-Cambridge, 1877) (Araneae, Araneidae) outside its type locality. *Check List* 15: 1071–1075.
- EL-HENNAWY, H.K. 2019. New locality records of *Charinus ioanniticus* (Kritscher, 1959) in Egypt (Arachnida: Amblypygi: Charinidae). *Serket* 16: 203–209.
- FOORD, S.H., DIPPENAAR-SCHOEMAN, A.S., HADDAD, C.R., SCHOEMAN, C., HAHN, N. & LYLE, R. 2019. Spider checklist for the Blouberg, in the Vhembe Biosphere Reserve, South Africa. *Bothalia* 49: a2455.

- GAINETT, G., SHARMA, P.P., FERNANDES, N., PINTO-DA-ROCHA, R., GIRIBET, G. & WILLEMART, R.H.** 2019. Evolution of a sensory cluster on the legs of Opiliones (Arachnida) informs multi-level phylogenetic relationships. *Zoological Journal of the Linnean Society* 187: 143–165.
- GARB, J.E., HANEY, R.A., SCHWAGER, E.E., GREGORIČ, M., KUNTNER, M., AGNARSSON, I. & BLACKLEDGE, T.A.** 2019. The transcriptome of Darwin's bark spider silk glands predicts proteins contributing to dragline silk toughness. *Communications Biology* 2: 275.
- GIROTI, A.M. & BRESCOVIT, A.S.** 2019. Morphology of putative chemosensory setae in males of the spider genus *Ariadna* Audouin (Araneae, Synspermiata, Segestriidae). *Zoomorphology* 138: 249–263.
- HADDAD, C.R.** 2019. Transfer of the Namibian *Argistes africanus* Simon, 1910 (Araneae: Liocranidae) to *Afroseto* Lyle & Haddad, 2010 (Trachelidae), with a new synonym. *Zootaxa* 4571: 446–450.
- HADDAD, C.R., DE JAGER, L. & FOORD, S.H.** 2019. Habitat and microhabitat factors affecting spider assemblages associated with *Searsia lancea* leaf litter. *Pedobiologia* 73: 10–19.
- HADDAD, C.R., HENRARD, A. & JOCQUÉ, R.** 2019. Revision of the ant-eating spider genus *Mallinus* Simon, 1893 (Araneae, Zodariidae). *ZooKeys* 822: 141–158.
- HADDAD, C.R. & MARUSIK, Y.M.** 2019. Clarifying the taxonomic status and distributions of the spider species collected during the Leonhard Schultze expeditions in western and central southern Africa (Arachnida: Araneae). *Zootaxa* 4608: 451–483.
- HEDIN, M., DERKARABETIAN, S., ALFARO, A., RAMÍREZ, M.J. & BOND, J.E.** 2019. Phylogenomic analysis and revised classification of atypoid mygalomorph spiders (Araneae, Mygalomorphae), with notes on arachnid ultraconserved element loci. *PeerJ* 7: e6864.
- HILL, D.E. & MARIANTE, R.M.** 2019. Review of specimens corresponding to three species of *Thyene* (Araneae: Salticidae: Plexippini) in the Peckham Collection. *Peckhamia* 185: 1–12.
- HUBER, B.A. & CHAO, A.** 2019. Inferring global species richness from megatranssect data and undetected species estimates. *Contributions to Zoology* 88: 42–53.
- KALLAL, R.J. & HORMIGA, G.** 2019. Evolution of the male palp morphology of the orb-weaver hunting spider *Chorizopes* (Araneae: Araneidae) revisited on a new phylogeny of Araneidae, and description of a third species from Madagascar. *Invertebrate Systematics* 33: 473–487.
- KHOZA, T.T. & LYLE, R.** 2019. Four new species of the sac spider genus *Planochelas* Lyle & Haddad, 2009 (Araneae, Trachelidae) from central and southern Africa. *African Invertebrates* 60: 147–164.
- KIOKO, G.M., JÄGER, P., KIOKO, E.N., JI, L.Q. & LI, S.Q.** 2019. On the species of the genus *Mistaria* Lehtinen, 1967 studied by Roewer (1955) from Africa (Araneae, Agelenidae). *African Invertebrates* 60: 109–132.
- KRÁL, J., FORMAN, M., KOŘÍNKOVÁ, T., REYES LERM, A.C., HADDAD, C.R., MUSILOVÁ, J., ŘEZÁČ, M., ÁVILA HERRERA, I.M., THAKUR, S., DIPPENAAR-SCHOEMAN, A.S., MAREC, F. & BUREŠ, P.** 2019. Insights into the karyotype and genome evolution of haplogyne spiders indicate a polyploid origin of lineages with holokinetic chromosomes. *Scientific Reports* 9(#3001): 1–14.
- KUNTNER, M., HAMILTON, C.A., CHENG, R.-C., GREGORIČ, M., LUPŠE, N., LOKOVŠEK, T., MORIARTY LEMMON, E., LEMMON, A.R., AGNARSSON, I., CODDINGTON, J.A. & BOND, J.E.** 2019. Golden orbweavers ignore biological rules: Phylogenomic and comparative analyses unravel a complex evolution of sexual size dimorphism. *Systematic Biology* 68: 555–572.
- MAGALHAES, I.L.F. & GRISMADO, C.J.** 2019. The Malagasy species of the crevice weaver genus *Andoharano* (Araneae: Filistatidae). *Bulletin of the Museum of Comparative Zoology* 162: 263–307.
- MARIANTE, R.M. & HILL, D.E.** 2019. First report of the African jumping spider *Thyene coccineovittata* (Araneae: Salticidae: Plexippina) in Brazil. *Peckhamia* 173.2: 1–23.

- MASHAVAKURE, N., MASHINGAIDZE, A.B., MUSUNDIRE, R., NHAMO, N., GANDIWA, E., THIERFELDER, C. & MUPOSHI, V.K.** 2019. Spider community shift in response to farming practices in a sub-humid agroecosystem of southern Africa. *Agriculture, Ecosystems and Environment* 272: 237–245.
- MBO, Z. & HADDAD, C.R.** 2019. Revision of the endemic South African long-jawed ground spider genus *Drassodella* Hewitt, 1916 (Araneae: Gallieniellidae). *Zootaxa* 4582: 1–62.
- METWALLY, A.-S., MOHAFAZ, M., EL-DANASORY, M. & EL-GENDY, A.** 2019. First record of *Mexcala monstrata* (Araneae: Salticidae) from Egypt. *Arachnologische Mitteilungen* 58: 4–5.
- MIDGLEY, J.M. & ENGELBRECHT, I.** 2019. New collection records for Theraphosidae (Araneae, Mygalomorphae) in Angola, with the description of a remarkable new species of *Ceratogyrus*. *African Invertebrates* 60: 1–13.
- MONOD, L., DUPÉRRÉ, N. & HARMS, D.** 2019. An annotated catalogue of the scorpion types (Arachnida, Scorpiones) held in the Zoological Museum Hamburg. Part I: Parvorder Iurida Sölegrad & Fet, 2003. *Evolutionary Systematics* 3: 109–200.
- MULDER, C., CONTI, E. & COSTA, G.** 2019. Belowground thermoregulation in Namibian desert spiders that burrow their own chemostats. *Acta Oecologia* 96: 18–23.
- MWABVU, T. & YEKWAYO, I.** 2019. A checklist of ants (Formicidae), spiders (Araneae) and millipedes (Spirostreptida) of the savannah in Mpumalanga Province, South Africa. *African Journal of Ecology* 58: 138–144.
- NEETHLING, J.A. & HADDAD, C.R.** 2019. Influence of some abiotic factors on the activity patterns of trapdoor spiders, scorpions and camel spiders in a central South African grassland. *Transactions of the Royal Society of South Africa* 74: 107–114.
- OWEN, C.A., VAN NOORT, S., COMPTON, S.G. & COETZEE, J.A.** 2019. Nest site choice by the intertidal spider *Desis formidabilis* (Araneae: Desidae) and nest utilisation by its hymenopteran egg parasitoid. *Ecological Entomology* 44: 62–70.
- PETT, B.L. & BAILEY, J.J.** 2019. Ghost-busting: patch occupancy and habitat preferences of *Ocyale ghost* (Araneae: Lycosidae), a single site endemic in north-western Madagascar. *Austral Entomology* 58: 875–885.
- PIACENTINI, L.N. & RAMÍREZ, M.J.** 2019. Hunting the wolf: a molecular phylogeny of the wolf spiders (Araneae, Lycosidae). *Molecular Phylogenetics and Evolution* 136: 227–240.
- QUIÑONES-LEBRON, S.G., GREGORIČ, M., KUNTNER, M. & KRALJ-FIŠER, S.** 2019. Small size does not confer male agility advantages in a sexually-size dimorphic spider. *PLoS ONE* 14: e0216036.
- TONG, Y.F., LI, F.Y., SONG, Y., CHEN, H.F. & LI, S.Q.** 2019. Thirty-two new species of the genus *Speocera* Berland, 1914 (Araneae: Ochyroceratidae) from China, Madagascar and Southeast Asia. *Zoological Systematics* 44: 1–75.
- TONG, Y.F., LIU, S.J., KIOKO, E.N., KIOKO, G.M. & LI, S.Q.** 2019. Taxonomic studies on seven species of the genus *Opopaea* (Araneae, Oonopidae) from Kenya. *African Invertebrates* 60: 255–289.
- TUNI, C., MESTRE, L., BERGER-TAL, R., LUBIN, Y. & BILDE, T.** 2019. Mate choice in naturally inbred spiders: testing the role of relatedness. *Animal Behaviour* 157: 27–33.
- VAN SCHALKWYK, J., PRYKE, J.S., SAMWAYS, M.J. & GAIGHER, R.** 2019. Congruence between arthropod and plant diversity in a biodiversity hotspot largely driven by underlying abiotic factors. *Ecological Applications* 29: e01883.
- WESOŁOWSKA, W.** 2019. *Colaxes insularis* (Peckham & Peckham, 1885) is a valid species of jumping spiders (Araneae: Salticidae: Ballinae). *Israel Journal of Entomology* 49: 57–61.
- WOOD, H.M. & PARKINSON, D.Y.** 2019. Comparative morphology of cheliceral muscles using high-resolution X-ray microcomputed-tomography in palpimanoid spiders (Araneae, Palpimanoidea). *Journal of Morphology* 280: 232–243.
- WRIGHT, B.M.O.G., WRIGHT, C.D., SOLE, C.L., LYLE, R., TIPPETT, R., SHOLTO-DOUGLAS, C., VERBURGT, L. & ENGELBRECHT, I.** 2019. A new forest dwelling button spider from South Africa (Araneae, Theridiidae, *Latrodectus*). *Zootaxa* 4700: 584–600.

- YAO, Z.Y., KIOKO, G.M., KIOKO, E.N. & LI, S.Q.** 2019. Three new species of the spider family Pholcidae (Arachnida: Araneae) from Taita-Taveta, Kenya. *Zootaxa* 4651: 114–124.
- YEKWAYO, I., PRYKE, J.S., GAIGHER, R. & SAMWAYS, M.J.** 2019. Wandering spiders recover more slowly than web-building spiders after fire. *Oecologia* 191: 231–240.
- ZONSTEIN, S.L.** 2019. New data on the spider genus *Nemesia* in Algeria (Araneae: Nemesiidae). *Israel Journal of Entomology* 49: 69–130.
- ZONSTEIN, S.L. & MARUSIK, Y.M.** 2019. On the revisited types of four poorly known African species of *Palpimanus* (Araneae, Palpimanidae). *African Invertebrates* 60: 83–95.
- ZONSTEIN, S. & MARUSIK, Y.M.** 2019. A revision of the spider genus *Filistata* (Araneae: Filistatidae). *Arachnology* 18: 53–93.

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