



Publications related to African Arachnids – 2013

Please send any new additions to haddadcr@ufs.ac.za. Thank you!

- ANDRIAMALALA, D. & HORMIGA, G.** 2013. Systematics of the goblin spider genus *Opopaea* (Araneae, Oonopidae) in Madagascar. *Bulletin of the American Museum of Natural History* 380: 1–156.
- AZARKINA, G. & FOORD, S.H.** 2013. Redescriptions of poorly known species of jumping spiders (Araneae: Salticidae) from South Africa and Namibia. *Zootaxa* 3686: 165–182.
- BÄCKSTAM, C.M., DROLSHAGEN, B. & SEITER, M.** 2013. A new species of the African spider genus *Lathrothele* Benoit, 1965 (Araneae: Dipluridae) from Gabon. *Arachnology* 16: 68–72.
- BAYER, S. & SCHÖNHOFER, A.L.** 2013. Phylogenetic relationships of the spider family Psecridae inferred from molecular data, with comments on the Lycosoidea (Arachnida: Araneae). *Invertebrate Systematics* 27: 53–80.
- BOSSELAERS, J.** 2013. An alien in the grapes: a potentially aggressive African spider imported into Belgium. *Nieuwsbrief van de Belgische Arachnologische Vereniging* 28: 22–28.
- BOSSELAERS, J. & JOCQUÉ, R.** 2013. Studies in Liocranidae (Araneae): a new afrotropical genus featuring a synapomorphy for the Cybaeodinae. *European Journal of Taxonomy* 40: 1–49.
- CANNING, G., REILLY, B.K. & DIPPENAAR-SCHOEMAN, A.S.** 2013. First description of the male of *Nesiergus insulanus* (Araneae: Theraphosidae: Ischnocolinae) from the Seychelles archipelago. *African Invertebrates* 54: 241–244.
- CERVEIRA, A.M. & JACKSON, R.R.** 2013. Love is in the air: olfaction-based mate-odour identification by jumping spiders from the genus *Cyrba*. *Journal of Ethology* 31: 29–34.
- CERVEIRA, A.M. & JACKSON, R.R.** 2013. Love is in the air and on the ground: olfactory and tactile cues elicit visual courtship behavior by *Cyrba* males (Araneae: Salticidae). *Journal of Arachnology* 41: 374–380.
- COSTA, C. & CONTI, E.** 2013. Opening and closing of burrows by the Namibian spider *Ariadna* sp. (Araneae: Segestriidae) in a year of heavy rainfall. *Journal of Arachnology* 41: 215–218.
- CROSS, R.F. & JACKSON, R.R.** 2013. The functioning of species-specific olfactory pheromones in the biology of a mosquito-eating jumping spider from East Africa. *Journal of Insect Behaviour* 26: 131–148.
- CRUZ DA SILVA, E.L.** 2013. The nursery-web spider *Hygropoda tanguis* (Roewer, 1955) comb. nov. (Araneae: Lycosoidea: Pisauridae); generic transfer, first description of the female and redescription of the male. *Zootaxa* 3710: 289–296.
- CRUZ DA SILVA, E.L.** 2013. Description of the male of *Dendrolycosa cruciata* (Roewer, 1955) (Araneae: Pisauridae: Pisaurinae). *Zootaxa* 3626: 397–400.

- CRUZ DA SILVA, E.L. & GRISWOLD, C.E.** 2013. A new species of *Dolomedes* Latreille, 1804 (Araneae: Lycosoidea: Pisauridae) from Madagascar. *Zootaxa* 3691: 461–466.
- CRUZ DA SILVA, E.L. & GRISWOLD, C.E.** 2013. The first record and the description of a new species of *Dendrolycosa* Doleschall, 1859 (Araneae: Pisauridae: Pisaurinae) from Madagascar. *Zootaxa* 3682: 572–578.
- DIMITROV, D., ASTRIN, J.J. & HUBER, B.A.** 2013. Pholcid spider molecular systematics revisited, with new insights into the biogeography and the evolution of the group. *Cladistics* 29: 132–146.
- DIPPENAAR-SCHOEMAN, A.S., VAN DEN BERG, A.M., HADDAD, C.R. & LYLE R.** 2013. Spiders in South African agroecosystems: a review. *Transactions of the Royal Society of South Africa* 68: 57–74.
- DIPPENAAR-SCHOEMAN, A.S., VAN DEN BERG, A.M., LYLE, R., HADDAD, C.R., FOORD, S.H & LOTZ, L.N.** 2013. Die diversiteit van Suid-Afrikaanse spinnekoppe (Arachnida: Araneae): dokumentering van 'n nasionale opname [in Afrikaans: The diversity of South African spiders (Arachnida: Araneae): documenting a national survey]. *Tydskrif van die Suid-Afrikaanse Akademie vir Wetenskap en Kuns* 32(#375): 1–7.
- ENGELBRECHT, I.** 2013. Pitfall trapping for surveying trapdoor spiders: the importance of timing, conditions and effort. *Journal of Arachnology* 41: 133–142.
- FANNES, W.** 2013. The goblin spider genus *Zyngoonops* (Araneae, Oonopidae), with notes on related taxa. *Bulletin of the American Museum of Natural History* 379: 1–117.
- FANNES, W.** 2013. Two new species of the spider genus *Antoonops* (Araneae: Oonopidae), with a key to the known species. *Zootaxa* 3709: 524–542.
- FOORD, S.H., DIPPENAAR-SCHOEMAN, A.S. & STAM, E.M.** 2013. Surrogates of spider diversity, leveraging the conservation of a poorly known group in the Savanna Biome of South Africa. *Biological Conservation* 161: 203–212.
- FORBANKA, D.N. & NIBA, A.S.** 2013. Distribution and diversity of epigaeic invertebrate assemblages in Silaka Nature Reserve, Eastern Cape, South Africa. *African Entomology* 21: 58–69.
- FOURIE, R., HADDAD, C.R., DIPPENAAR-SCHOEMAN, A.S. & GROBLER, A.** 2013. Ecology of the plant-dwelling spiders (Arachnida: Araneae) of the Erfenis Dam Nature Reserve, South Africa. *Koedoe* 55(#1113): 1–9.
- FRANZINI, P.Z.N., DIPPENAAR-SCHOEMAN, A.S., YESSOUFOU, K. & VAN DER BANK, F.H.** 2013. Combined analyses of genetic and morphological data indicate more than one species of *Cyrtophora* (Araneae: Araneidae) in South Africa. *International Journal of Modern Biological Research* 1: 21–34.
- GAIGHER, R., SAMWAYS, M.J. & VAN NOORT, S.** 2013. Saving a tropical ecosystem from a destructive ant-scale (*Pheidole megacephala*, *Pulvinaria urbicola*) mutualism with support from a diverse natural enemy assemblage. *Biological Invasions* 15: 2115–2125.
- GESS, R.W.** 2013. The earliest record of terrestrial animals in Gondwana: A scorpion from the Famennian (Late Devonian) Witpoort Formation of South Africa. *African Invertebrates* 54: 373–379.
- GIRIBET, G., DE BIVORT, B.L., HITCHCOCK, A. & SWART, P.** 2013. On *Speleosiro argasiformis*—a troglobitic Cyphophthalmi (Arachnida: Opiliones: Pettalidae) from Table Mountain, South Africa. *Journal of Arachnology* 41: 416–419.
- HADDAD, C.R.** 2013. A revision of the continental species of *Copa* Simon, 1885 (Araneae: Corinnidae) in the Afrotropical Region. *ZooKeys* 276: 1–37.
- HADDAD, C.R.** 2013. Taxonomic notes on the spider genus *Messapus* Simon, 1898 (Araneae, Corinnidae), with the description of the new genera *Copuetta* and *Wasaka* and the first cladistic analysis of Afrotropical Castianeirinae. *Zootaxa* 3688: 1–79.

- HADDAD, C.R.** 2013. A revision of the ant-like sac spider genus *Apochinomma* Pavesi, 1881 (Araneae: Corinnidae) in the Afrotropical Region. *Journal of Natural History* 47: 2493–2529.
- HADDAD, C.R. & BOSMANS, R.** 2013. Synonymy of the North African spider genus *Castanilla* Caporiacco, 1936 with *Micaria* Westring, 1851 (Araneae: Gnaphosidae). *Zootaxa* 3734: 397–399.
- HADDAD, C.R., DIPPENAAR-SCHOEMAN, A.S., FOORD, S.H., LOTZ, L.N. & LYLE, R.** 2013. The faunistic diversity of spiders (Arachnida, Araneae) of the Grassland Biome in South Africa. *Transactions of the Royal Society of South Africa* 68: 97–122.
- HADDAD, C.R. & WESOŁOWSKA, W.** 2013. Additions to the jumping spider fauna of South Africa (Araneae: Salticidae). *Genus* 24: 459–501.
- HAEBA, M.H.** 2013. Evaluation of scorpion stings incidence in Alkufra city during 1993 and 1994. *International Journal of Bioassays* 2: 1440–1442.
- HAKIZIMANA, S. & OLCKERS, T.** 2013. Inflorescence-inhabiting spiders do not threaten the survival and fecundity of *Anthonomus santacruzi* (Curculionidae), a florivorous biocontrol agent of *Solanum mauritianum* (Solanaceae) in South Africa. *Biocontrol Science and Technology* 23: 730–733.
- HUBER, B.A.** 2013. Revision and cladistic analysis of the Guineo-Congolian spider genus *Smeringopina* Kraus (Araneae, Pholcidae). *Zootaxa* 3713: 1–160.
- HUBER, B.A. & KWAPONG, P.** 2013. West African pholcid spiders: an overview, with descriptions of five new species (Araneae, Pholcidae). *European Journal of Taxonomy* 59: 1–44.
- JACKSON, R.R. & CROSS, F.R.** 2013. A cognitive perspective on aggressive mimicry. *Journal of Zoology* 290: 161–171.
- JANSEN, R., MAKAKA, L., LITTLE, I.T. & DIPPENAAR-SCHOEMAN, A.S.** 2013. Response of ground-dwelling spider assemblages (Arachnida, Araneae) to Montane Grassland management practices in South Africa. *Insect Conservation and Diversity* 6: 572–589.
- JOCQUÉ, R.** 2013. *Cyrioctea* (Araneae, Zodariidae) in Africa: temperate Gondwanaland relict, recent radiation, or both? *European Journal of Taxonomy* 47: 1–12.
- KOVAŘÍK, F.** 2013. *Pandinus (Pandinus) trailini* sp. n. from Ethiopia (Scorpiones, Scorpionidae) with data on localities and life strategy. *Euscorpius* 163: 1–14.
- KOVAŘÍK, F., LOWE, G, PLÍŠKOVÁ, J. & ŠŤÁHLAVSKÝ, F.** 2013. A new scorpion genus, *Gint* gen. n., from the Horn of Africa (Scorpiones, Buthidae). *Euscorpius* 173: 1–19.
- KRÁL, J., KORÍNKOVÁ, T., KRKAVCOVÁ, L., MUSILOVÁ, J., ÁVILA HERRERA, I.M., FORMAN, M., VÍTKOVÁ, M., HADDAD, C.R., HEDIN, M., HENRIQUES, S. & PALACIOS VARGAS, J.G.** 2013. Differentiation of the karyotype, sex chromosome systems, and meiosis in the spider infraorder Mygalomorphae. *Biological Journal of the Linnean Society* 109: 377–408.
- KUNTNER, M., ARNEDO, M.A., TRONTELJ, P., LOKOVŠEK, T. & AGNARSSON, I.** 2013. Towards a molecular phylogeny of nephilid spiders: Evolutionary history of a model lineage. *Molecular Phylogenetics and Evolution* 69: 961–979.
- LOURENÇO, W.R.** 2013. A new species of *Babycurus* Karsch, 1886 from northern Cameroon (Scorpiones: Buthidae). *Arthropoda Selecta* 22: 343–348.
- LUBIN, Y. & SUTER, R.B.** 2013. What is the function of 'pre-dispersal' behavior in juvenile social spiders (*Stegodyphus dumicola*: Eresidae)? *Journal of Arachnology* 41: 81–84.
- LYLE, R.** 2013. A new species of the tracheline genus *Fuchibotulus* Haddad & Lyle, 2008 (Araneae: Corinnidae). *African Invertebrates* 54: 245–249.
- MAJER, M., SVENNING, J.-C. & BILDE, T.** 2013. Habitat productivity constrains the distribution of social spiders across continents – case study of the genus *Stegodyphus* *Frontiers in Zoology* 10: 9.

- MORADMAND, M.** 2013. The stone huntsman spider genus *Eusparassus* (Araneae: Sparassidae): systematics and zoogeography with revision of the African and Arabian species. *Zootaxa* 3675: 1–108.
- MURIENNE, J., BENAVIDES, L.R., PRENDINI, L., HORMIGA, G. & GIRIBET, G.** 2013. Forest refugia in Western and Central Africa as 'museums' of Mesozoic biodiversity. *Biology Letters* 9(1): 20120932.
- NEETHLING, J.A. & HADDAD, C.R.** 2013. Arboreal spider assemblages associated with four tree species in the Grassland Biome of central South Africa (Arachnida: Araneae). *Transactions of the Royal Society of South Africa* 68: 123–131.
- NELSON, X.J. & JACKSON, R.R.** 2013. Hunger-driven response by a nectar-eating jumping spider to specific phytochemicals. *Chemoecology* 23: 149–153.
- NYFFELER, M. & KNÖRNSCHILD, M.** 2013. Bat predation by spiders. *PLoS ONE* 8(3): e58120.
- PEDROSO, D., SOUSA, P., HARRIS, D.J. & VAN DER MEIJDEN, A.** 2013. Phylogeography of *Buthus* Leach, 1815 (Scorpiones: Buthidae): a multigene molecular approach reveals a further complex evolutionary history in the Maghreb. *African Zoology* 48: 298–308.
- PIACENTINI, L.N., RAMÍREZ, M.J. & SILVA, D.** 2013. Systematics of *Cauquenina* (Araneae: Zoropsidae), with comments on the patterns of evolution of cribellum and male tibial crack on Lycosoidea. *Invertebrate Systematics* 27: 567–577.
- REMBOLD, K., FISCHER, E., STRIFFLER, B.F. & BARTHLOTT, W.** 2013. Crab spider association with the Malagasy pitcher plant *Nepenthes madagascariensis*. *African Journal of Ecology* 51: 188–191.
- RHALEM, N., AGHANDOUS, R., CHAOU, H., ELOUFIR, R., BADRANE, N., WINDY, M., HARDOUZ, H., OUAMMI, A., SOULAYMANI, A. & SPOULAYMANI-BENCHEIKH, R.** 2013. Role of the Poison Control Center of Morocco in the improvement of public health. *Asia Pacific Journal of Medical Toxicology* 2: 82–86.
- ROETS, F. & PRYKE, J.S.** 2013. The rehabilitation value of a small culturally significant island based on the arthropod natural capital. *Journal of Insect Conservation* 17: 53–65.
- SALAMA, W.M. & SHARSHAR, K.M.** 2013. Surveillance study on scorpion species in Egypt and comparison of their crude venom protein profiles. *Journal of Basic & Applied Zoology* 66: 76–86
- SCHÖNHOFER, A.L.** 2013. A taxonomic catalogue of the Dyspnoi Hansen and Sørensen, 1904 (Arachnida: Opiliones). *Zootaxa* 3679: 1–68.
- SOLIMANA, B.A., SHOUKRYA, N.M., MOHALLALB, M.E., FETAHIC, H.A.W. & KHALED, H.S.** 2013. Fine structure of the stinger, histology and histochemistry of the venom gland in the scorpion *Androctonus amoreuxi* (Buthidae). *Journal of Basic & Applied Zoology* 66: 41–46.
- SULIMAN, T.A., FRANCIS, P.T. & EMETRIS, R.A.** 2013. Scorpion sting syndrome in Libya. A management protocol. *University Bulletin* 3: 49–66.
- TERUEL, R., KOVAŘÍK, F. & TURIEL, C.** 2013. A new species of *Androctonus* Ehrenberg, 1828 from northwestern Egypt (Scorpiones, Buthidae). *Euscorpius* 177: 1–12.
- VAN AARDT, W.J.** 2013. Respiration of *Opisthophthalmus pugnax* (Thorell) (Scorpionidae) after treadmill exercise and book lung occlusion. *African Entomology* 21: 36–40
- VAN DER MEIJDEN, A., LOBO COELHO, P., SOUSA, P. & HERREL, A.** 2013. Choose your weapon: defensive behavior is associated with morphology and performance in scorpions. *PLoS ONE* 8: e78955.
- VAN HEERDEN, J., TAYLOR, P.J. & VAN HEERDEN, C.** 2013. Genetic differentiation in *Horus* Chamberlin (Arachnida: Pseudoscorpiones: Olpiidae) as indicated by mitochondrial DNA analysis. *African Zoology* 48: 351–358.

- VAN NIEKERK, P. & DIPPENAAR-SCHOEMAN, A.S.** 2013. A revision of the crab spider genus *Heriaeus* Simon, 1875 (Araneae: Thomisidae) in the Afrotropical Region. *African Invertebrates* 54: 447–476.
- WESOŁOWSKA, W. & HADDAD, C.R.** 2013. New data on the jumping spiders of South Africa (Araneae: Salticidae). *African Invertebrates* 54: 177–240.
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