



Publications related to African Arachnids – 2011

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- ÁLVAREZ-PADILLA, F. & HORMIGA, G.** 2011. Morphological and phylogenetic atlas of the orb-weaving spider family Tetragnathidae (Araneae: Araneoidea). *Zoological Journal of the Linnean Society* 162: 713–879.
- BLATCHFORD, R., WALKER, S. & MARSHALL, S.** 2011. A phylogeny-based comparison of tarantula spider anti-predator behavior reveals correlation of morphology and behavior. *Ethology* 117: 473–479.
- BREITLING, R., COLEING, A., PEIXOTO, T., NAGLE, H., HANCOCK, E.G., KELSH, R.N. & SZÉKELY, T.** 2011. An overview of the spider fauna of Maio (Cape Verde Islands), with some additional recent records (Arachnida, Araneae). *Zoologia Caboverdiana* 2: 43–52.
- BURGER, M. 2011.** Structure and function of the female reproductive system in three species of goblin spiders (Arachnida: Araneae: Oonopidae). *Invertebrate Biology* 130: 148–160.
- BURGER, M. & CARRERA, P.C.** 2011. Copulatory behaviour of the goblin spider *Silhouettella loricatula* (Arachnida: Araneae: Oonopidae) *Bulletin of the British Arachnological Society* 15: 173–178.
- BUSCHKE, F.T. & SEAMAN, M.T.** 2011. Functional feeding groups as a taxonomic surrogate for a grassland arthropod assemblage. *African Invertebrates* 52: 217–228.
- BUTLER, V.P. & HADDAD, C.R.** 2011. Spider assemblages associated with leaf litter of three tree species in central South Africa (Arachnida: Araneae). *African Journal of Ecology* 49: 301–310.
- CARDOSO, P., PEKÁR, S., JOCQUÉ, R., CODDINGTON, J.A.** 2011. Global patterns of guild composition and functional diversity of spiders. *PLoS ONE* 6: e21710.
- CORRONCA, J.A. & RODRÍGUEZ ARTIGAS, S.M.** 2011. New species of the Madagascan genus *Hovops* Benoit, 1968 (Araneae: Selenopidae), with a description of the *H. madagascariensis* male and an identification key. *African Invertebrates* 52: 295–310.
- DABO, A., GOLOU, G., TRAORÉ, M.S., DIARRA, N., GOYFFON, M. & DOUMBO, O.** 2011. Scorpion envenoming in the North of Mali (West Africa): Epidemiological, clinical and therapeutic aspects. *Toxicon* 58: 154–158.
- DE VRIES, J.L., PIRK, C.W.W., BATEMAN, P.W., CAMERON, E.Z. & DALERUM, F.** 2011. Extension of the diet of an extreme foraging specialist, the aardwolf (*Proteles cristata*). *African Zoology* 46: 194–196.
- DIPPENAAR-SCHOEMAN, A.S., HAMER, M. & HADDAD, C.R.** 2011. An annotated checklist of the spiders (Arachnida: Araneae) of the Mkambathi Nature Reserve, Eastern Cape, South Africa. *Koedoe* 53(#1058): 1–10.
- ENGELBRECHT, I. & PRENDINI, L.** 2011. Assessing the taxonomic resolution of southern African trapdoor spiders (Araneae: Ctenizidae; Cyrtaucheniidae;

- Idiopidae) and implications for their conservation. *Biodiversity and Conservation* 20: 3101–3116.
- FOORD, S.H., DIPPENAAR-SCHOEMAN, A.S. & HADDAD, C.R.** 2011. The faunistic diversity of spiders (Arachnida, Araneae) of the Savanna Biome in South Africa. *Transactions of the Royal Society of South Africa* 66: 170 – 201.
- FOORD, S.H., DIPPENAAR-SCHOEMAN, A.S. & HADDAD, C.R.** 2011. Chapter 8 – South African spider diversity: African perspectives on the conservation of a mega-diverse group. In: Grillo, O. & Venora, G. (eds.) *Changing Diversity in Changing Environment*. InTech Publishing, Rijeka, Croatia.
- FOURIE, R., HADDAD, C.R. & JOCQUÉ, R.** 2011. A revision of the purse-web spider genus *Calommata* Lucas, 1837 (Araneae: Atypidae) in the Afrotropical Region. *Zookeys* 95: 1–28.
- GALLON, R.C. & ENGELBRECHT, I.** 2011. A new *Pterinochilus* species from South Africa (Araneae, Theraphosidae, Harpactirinae). *Bulletin of the British Arachnological Society* 15: 121–126.
- GREGORIĆ, M., AGNARSSON, I., BLACKLEDGE, T.A. & KUNTNER, M.** 2011. Darwin's bark spider: Giant prey in giant orb webs (*Caerostris darwini*, Araneae: Araneidae)? *Journal of Arachnology* 39: 287–295.
- GREGORIĆ, M., AGNARSSON, I., BLACKLEDGE, T.A. & KUNTNER, M.** 2011. How did the spider cross the river? Behavioral adaptations for river-bridging webs in *Caerostris darwini* (Araneae: Araneidae). *PLoS One* 6: e26847.
- HADDAD, C.R., NEETHLING, J.A. & LYLE, R.** 2011. *Spinotrachelas montanus* sp. n., the first Afromontane representative in the genus (Araneae: Corinnidae). *African Invertebrates* 52: 345–352.
- HADDAD, C.R. & WESOŁOWSKA, W.** 2011. New species and new records of jumping spiders (Araneae: Salticidae) from central South Africa. *African Invertebrates* 52: 51–134.
- HARVEY, M.S.** 2011. *Cheiridium tetrophthalmum* Daday, a new synonym of *Larca lata* (Hansen) (Pseudoscorpiones, Larcidae). *Arachnologische Mitteilungen* 41: 31–33.
- HUBER, B.A.** 2011. Phylogeny and classification of Pholcidae (Araneae): an update. *Journal of Arachnology* 39: 211–222.
- HUBER, B.A.** 2011. Revision and cladistic analysis of *Pholcus* and closely related taxa (Araneae, Pholcidae). *Bonner Zoologische Monographien* 58: 1–509.
- JACKSON, R.R. & CROSS, F.R.** 2011. Olfaction-based mate-odor identification by jumping spiders from the genus *Portia*. *Journal of Arachnology* 39: 439–443.
- JACKSON, R.R. & NELSON, X.J.** 2011. Reliance on trial and error signal derivation by *Portia africana*, an araneophagous jumping spider from East Africa. *Journal of Ethology* 29: 301–307.
- JÄGER, P.** 2011. Revision of the spider genera *Nilus* O. Pickard-Cambridge 1876, *Sphedanus* Thorell 1877 and *Dendrolycosa* Doleschall 1859 (Araneae: Pisauridae). *Zootaxa* 3046: 1–38.
- JOCQUÉ, R. & BOSSELAERS, J.** 2011. Revision of *Pseudocorinna* Simon and a new related genus (Araneae: Corinnidae): two more examples of spider templates with a large range of complexity in the genitalia. *Zoological Journal of the Linnean Society* 162: 271–350.
- JOCQUÉ, R. & RUSSELL-SMITH, A.** 2011. A new species of *Cithaeron* from South Africa (Araneae: Cithaeronidae). *Bulletin of the British Arachnological Society* 15: 209–210.
- JOCQUÉ, R., RUSSELL-SMITH, A. & ALDERWEIRELDT, M.** 2011. *Katableps*, a new genus of lycosid spiders from the forests of Madagascar (Araneae: Lycosidae). *Bulletin of the British Arachnological Society* 15: 181–187.
- KLANN, A.E., BIRD, T.L. & TALARICO, G.** 2011. Ultrastructural characterization of *Hexisopus psammophilus* (Arachnida: Solifugae: Hexisopodidae) spermatozoa in comparison to other solifuge spermatozoal traits. *Journal of Arachnology* 39: 280–286.

- KOVAŘÍK, F.** 2011. *Buthus awashensis* sp. n. from Ethiopia (Scorpiones, Buthidae). *Euscorpius* 128: 1–6.
- KOVAŘÍK, F.** 2011. A review of the subgenus *Pandinus* Thorell, 1876 with descriptions of two new species from Uganda and Ethiopia (Scorpiones, Scorpionidae). *Euscorpius* 129: 1–18.
- KOVAŘÍK, F. & MAZUCH, T.** 2011. *Hemiscorpius novaki* sp. n. from Somaliland (Scorpiones: Hemiscorpiidae). *Euscorpius* 126: 1–9.
- KUNTNER, M. & AGNARSSON, I.** 2011. Biogeography and diversification of hermit spiders on Indian Ocean islands (Nephilidae: *Nephilengys*). *Molecular Phylogenetics and Evolution* 59: 477–488.
- KUNTNER, M. & AGNARSSON, I.** 2011. Phylogeography of a successful aerial disperser: the golden orb spider *Nephila* on Indian Ocean islands. *BMC Evolutionary Biology* 11: 119, 9 pp.
- LEWIS, A.S. & DIPPENAAR-SCHOEMAN, A.S.** 2011. A revision of the spider genus, *Sylligma* Simon, 1895 (Araneae: Thomisidae) from the Afrotropical Region. *African Entomology* 19: 119–132.
- LOTZ, L.N.** 2011. Three new harvestmen species from southern Africa (Arachnida: Opiliones: Caddidae, Neopilionidae, Assamiidae). *Journal of Afrotropical Zoology* 7: 3–8.
- LYLE, R.** 2011. The male of *Fuchiba tortilis* Haddad & Lyle, 2008 and three new species of *Spinotrachelas* Haddad, 2006 from South Africa. *Annals of the Ditsong National Museum of Natural History* 1: 123–131.
- MARUSIK, Y.M. & GERLACH, J.** 2011. First description of the male of *Sason sechellatum* Simon, 1898 (Araneae: Barychelidae). *Zootaxa* 2833: 65–68.
- MC GEOCH, M.A., SITHOLE, H., SAMWAYS, M.J., SIMAIKA, J.P., PRYKE, J.S., PICKER, M., UYS, C., ARMSTRONG, A.J., DIPPENAAR-SCHOEMAN, A.S., ENGELBRECHT, I.A., BRASCHLER, B. & HAMER, M.** 2011. Conservation and monitoring of invertebrates in terrestrial protected areas. *Koedoe* 53: 1000, 13 pp.
- NELSON, X.J. & JACKSON, R.R.** 2011. Evidence that olfaction-based affinity for particular plant species is a special characteristic of *Evarcha culicivora*, a mosquito-specialist jumping spider. *Journal of Arachnology* 39: 378–383.
- NELSON, X.J. & JACKSON, R.R.** 2011. Reliance on trial and error signal derivation by *Portia africana*, an araneophagous jumping spider. *Journal of Ethology* 29: 301–307.
- NISANI, Z. & HAYES, W.K.** 2011. Defensive stinging by *Parabuthus transvaalicus* scorpions: risk assessment and venom metering. *Animal Behaviour* 81: 627–633.
- NZIGIDAHERA, B., DESNYDER, W. & JOCQUÉ, R.** 2011. An overview of the Afrotropical species of *Mallinella* (Araneae, Zodariidae) with the description of a remarkable new species from Burundi. *Journal of Afrotropical Zoology* 7: 19–27.
- PEKÁR, S. & HADDAD, C.R.** 2011. Trophic strategy of ant-eating *Mexcala elegans* (Araneae: Salticidae): looking for evidence of evolution of prey-specialization. *Journal of Arachnology* 39: 133–138.
- PETSCHENKA, G., BRAMER, C., PANKOKE, H. & DOBLER, S.** 2011. Evidence for a deterrent effect of cardenolides on *Nephila* spiders. *Basic and Applied Ecology* 12: 260–267.
- PLATNICK, N.I., DUPÉRRÉ, N., OTT, R. & KRANZ-BALTENSPERGER, Y.** 2011. The goblin spider genus *Brignolia* (Araneae, Oonopidae). *Bulletin of the American Museum of Natural History* 349: 1–131.
- RAYOR, L.S. & TAYLOR, L.A.** 2011. Social behavior in amblypygids, and a reassessment of arachnid social patterns. *Journal of Arachnology* 34: 399–421.

- REBELO, T.G., FREITAG, S., CHENEY, C. & MCGEOCH, M.A.** 2011. Prioritising species of special concern for monitoring in Table Mountain National Park: The challenge of a species rich, threatened ecosystem. *Koedoe* 53: 1019, 14 pp.
- ROBERTSON, M.P., HARRIS, K.R., COETZEE, J.A., FOXCROFT, L.C., DIPPENAAR-SCHOEMAN, A.S. & VAN RENSBURG, B.J.** 2011. Assessing local scale impacts of *Opuntia stricta* (Cactaceae) invasion on beetle and spider diversity in Kruger National Park, South Africa. *African Zoology* 46: 205–223.
- SCHNEIDER, J.M. & MICHALIK, P.** 2011. One-shot genitalia are not an evolutionary dead end – regained male polygamy in a sperm limited spider species. *BMC Evolutionary Biology* 11: 197.
- SHARMA, P. & GIRIBET, G.** 2011. The evolutionary and biogeographic history of the armored harvestmen – Laniatores phylogeny based on ten molecular markers, with the description of two new families of Opiliones (Arachnida). *Invertebrate Systematics* 25: 106–142.
- SHARMA, P., PRIETO, C. & GIRIBET, G.** 2011. A new family of Laniatores (Arachnida: Opiliones) from the Afrotropics. *Invertebrate Systematics* 25: 143–154.
- SOUSA, P., FROUFE, E., HARRIS, D.J., ALVES, P.C. & VAN DER MEIJDEN, A.** 2011. Genetic diversity of Maghrebian *Hottentotta* (Scorpiones: Buthidae) scorpions based on CO1: new insights on the genus phylogeny and distribution. *African Invertebrates* 52: 135–143.
- SU, Y.C., CHANG, Y.H., SMITH, D., ZHU, M.S., KUNTNER, M. & TSO, I.M.** 2011. Biogeography and speciation patterns of the golden orb spider genus *Nephila* (Araneae: Nephilidae) in Asia. *Zoological Science* 28: 47–55.
- TALARICO, G., LIPKE, W. & ALBERTI, G.** 2011. Gross morphology, histology, and ultrastructure of the alimentary system of Ricinulei (Arachnida) with emphasis on functional and phylogenetic implications. *Journal of Morphology* 272: 89–117.
- UBICK, D. & GRISWOLD, C.E.** 2011. The Malagasy goblin spiders of the new genus *Malagiella* (Araneae, Oonopidae). *Bulletin of the American Museum of Natural History* 356: 1–82.
- UBICK, D. & GRISWOLD, C.E.** 2011. The Malagasy goblin spiders of the new genus *Molotra* (Araneae: Oonopidae). *American Museum Novitates* 3729: 1–69.
- VAN NOORT, S.** 2011. Caught in the act – *Echthrodesis* laying eggs. *Skaphion* 5: 1–2.
- VRECH, D.E., PERETTI, A.V. & MATTONI, C.I.** 2011. Sperm package morphology in scorpions and its relation to phylogeny. *Zoological Journal of the Linnean Society* 161: 463–483.
- WANG, C.X. & LI, S.Q.** 2011. Three new species of Telemidae (Araneae) from Western Africa. *Zootaxa* 2902: 44–58.
- WESOŁOWSKA, W.** 2011. New species and new records of jumping spiders (Araneae: Salticidae: Heliophaninae) from the Lake Victoria area. *Journal of Arachnology* 39: 482–489.
- WESOŁOWSKA, W.** 2011. New species and new records of jumping spiders from Botswana, Namibia and Zimbabwe (Araneae: Salticidae). *Genus* 22: 307–346.
- WESOŁOWSKA, W. & CUMMING, M.S.** 2011. New species and records of jumping spiders (Araneae, Salticidae) from Sengwa Wildlife Research Area in Zimbabwe. *Journal of Afrotropical Zoology* 7: 75–104.
- WESOŁOWSKA, W. & RUSSELL-SMITH, A.** 2011. Jumping spiders (Araneae: Salticidae) from southern Nigeria. *Annales Zoologici* 61: 553–619.
- WESOŁOWSKA, W. & VAN HARTEN, A.** 2011. Order Araneae, family Salticidae, pp. 23–28. In: Van Harten, A. (ed.) *Arthropod fauna of the United Arab Emirates, Volume 4*. Abu Dhabi, Dar Al Ummah Printing.
- WINDLEY, M.J., ESCOUBAS, P., VALENZUELA, S.M. & NICHOLSON, G.M.** 2011. A novel family of insect-selective peptide neurotoxins targeting insect

BKCa channels isolated from the venom of the theraphosid spider,
Eucratoscelus constrictus. *Molecular Pharmacology* 80: 1-13.

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