



# AACRG Publication list: 2001 to date



NORTH-WEST UNIVERSITY  
YUNIBESITI YA BOKONE-BOPHIRIMA  
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2017

Zimkus, B.M., Lawson, L.P., Barej, M., Barratt, C.D., Channing, A., Dash, K.M., Dehling, M., **Du Preez, L.**, Gehring, P-S. Greenbaum, E., Gvoždík, V., Harvey, J., Kielgast, J., Kusamba, C., Nagy, Z.T., Pabijan, M., Penner, J., Rödel, M-O., Vences, M. & Lötters, S. 2017. Leapfrogging into new territory: How Mascarene ridged frogs diversified across Africa and Madagascar to maintain their ecological niche. *Molecular Phylogenetics and Evolution*, 106, 254-269. [PDF](#)

2016

Tarrent, J. Kruger, D.J.D & **Du Preez, L.H.** (2016) Do public attitudes affect conservation effort? Using a questionnaire-based survey to assess perceptions, beliefs and superstitions associated with frogs in South Africa. *African Zoology* 2016: 1-9. [PDF](#)

Kruger, D.J.D. & **Du Preez, L.H.** (2016). The effect of airplane noise on frogs: A case study on the Critically Endangered Pickersgill's reed frog (*Hyperolius pickersgilli*). *Ecological Research*. DOI:10.1007/s11284-016-1349-8. [PDF](#)

Conradie, R., Cook, C., **Du Preez, L.H.**, Jordaan, A. & Netherlands, E.C. 2016. Ultrastructural Comparison of *Hepatozoon ixoxo* and *Hepatozoon theileri* (Adeleorina: Hepatozoidae), Parasitising South African Anurans. *Journal of Eukaryotic Microbiology*. [PDF](#)

Segev O., Verster R., **Weldon C.** (2016) Testing the link between perceived and actual risk of predation: mosquito oviposition site selection as an adaptive response to egg predation by fish. *Journal of Applied Ecology* doi: 10.1111/1365-2664.12789 [PDF](#)

**Garner T.W.J.**, Schmidt B.R., Martel A., Pasmans F., Muths E., Cunningham A.C., **Weldon, C.**, Fisher M.C., Bosch J. (2016) Mitigating amphibian chytridiomycosis in nature. *Philosophical Transactions B* 371: 20160207. <http://dx.doi.org/10.1098/rstb.2016.0207>

2015

Bletz M.C., Rosa, G.M., Andreone F., Courtois E.A., Schmeller D.S., Rabibisoa N.H.C., Rabemananjara F.C.E., Raharivololoniaina L., Vences M., **Weldon, C.**, Edmonds D., Raxworthy C.J., Harris R.N., Fisher M.C. & Crottini A. (2015). Widespread presence of the pathogenic fungus *Batrachochytrium dendrobatidis* in wild amphibian communities in Madagascar. *Scientific Reports* 5: 8633. [PDF](#)

Bletz MC, Rosa GM, Crottini A, Courtois EA, Schmeller DS, Rabibisoa N, Rabenmananjara F, Raharivololoniaina L, Vences M, **Weldon, C.**, Edmonds D, Raxworthy C, Harris RN, Fisher MC, Andreone F (2015) Consistency of published results on the pathogen *Batrachochytrium dendrobatidis* in Madagascar: Formal Comment on Kolby et al. Rapid response to evaluate the presence of amphibian chytrid fungus (*Batrachochytrium dendrobatidis*) and ranavirus in wild amphibian populations in Madagascar. PlosONE DOI:10.1371/journal.pne.0135900 [PDF](#)

Cook, C.A., **Netherlands, E.C.** & Smit, N.J. (2015). First Hemolivia from southern Africa: reassigning chelonian *Haemogregarina parvula* Dias, 1953 (Adeleorina: Haemogregarinidae) to Hemolivia (Adeleorina: Karyolysidae). African Zoology 2015: 1–9. [PDF](#)

**Du Preez, L.H.** (2015) *Eupolystoma namibiensis* n. sp. (Monogenea: Polystomatidae) parasitic in *Poyntonophrynus hoeschi* (Ahl, 1934) of Namibia. African Zoology. In press. [PDF](#)

Kruger, N. & **Du Preez, L.H.** (2015) Reproductive strategies of the kangaroo leech, *Marsupiobdella africana* (Glossiphoniidae). International Journal for Parasitology: Parasites and Wildlife 4:142–147. [PDF](#)

Kruger, D.J.D., Hamer, A.J. & **Du Preez, L.H.** (2015) Urbanization affects frog communities at multiple scales in a rapidly developing African city. *Urban Ecosystems*. doi: 10.1007/s11252-015-0443-y [PDF](#)

**Netherlands, E.C.**, Cook, C.A., Kruger, D.J.D., **Du Preez, L.H.** & Smit, N.J. (2015) Biodiversity of frog haemoparasites from sub-tropical northern KwaZulu-Natal, South Africa. *International Journal for Parasitology: Parasites and Wildlife* 4: 135–141. doi: 10.1016/j.ijppaw.2015.01.003 [PDF](#)

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Badets, M. & **Du Preez, L.H.** (2014) Phoretic interaction between the kangaroo leech *Marsupiobdella africana* (Hirudinea: Glossiphoniidae) and the Cape river crab *Potamonautes perlatus* (Decapoda: Potamonautidae). *International Journal of Parasitology: Parasites and Wildlife* 3: 6-11. [PDF](#)

Berthier, P., **Du Preez, L.H.**, Raharivololoniaina, L., Vences, M., Verneau, O. (2014) Widening of Madagascar biodiversity: Two new species of polystomatid parasitic flatworm (Monogenea: Polystomatidae) found in *Guibemantis liber* Malagasy poison frog. *Parasitology International* 63: 108-119. <http://dx.doi.org/10.1016/j.parint.2013.09.014> [PDF](#)

Theunissen, M., Tiedt, L. & **Du Preez, L.H.** (2014) The morphology and attachment of *Protopolystoma xenopodis* (Monogenea: Polystomatidae) infecting the African clawed frog *Xenopus laevis*. *Parasite* 21: 20 <http://dx.doi.org/10.1051/parasite/2014020> [PDF](#)

Petzold, A., Vargas-ramírez, M., Kehlmaier, C., Vamberger, M., Branch, W.R., **Du Preez, L.**, Hofmeyr, M.D, Meyer, L., Schleicher, A., Siroký, P. & Fritz, U. A revision of African helmeted terrapins (Testudines: Pelomedusidae: Pelomedusa), with descriptions of six new species. *Zootaxa* 3795 (5): 523–548. [PDF](#)

**Netherlands, E.C.,** Cook, C.A., Smit, N.J. (2014) Hepatozoon species (Adeleorina: Hepatozoidae) of African bufonids, with morphological description and molecular diagnosis of *Hepatozoon ixoxo* sp. nov. parasitising three *Amietophrynus* species (Anura: Bufonidae). *Parasites & Vectors*, 7:552. DOI 10.1186/s13071-014-0552-0. [PDF](#)

**Netherlands, E.C.,** Cook, C.A., Smit, N.J. & **Du Preez, L.H.** Redescription and molecular diagnosis of Hepatozoon theileri (Laveran, 1905) (Apicomplexa: Adeleorina: Hepatozoidae), infecting *Amietia quecketti* (Boulenger, 1895) (Anura: Pyxicephalidae). *Folia parasitologica*. Available online. [PDF](#)

**Du Preez, L.H.,** Badets, M. and Verneau, O. (2014) *Nanopolystoma tinsleyi* n. sp. (Monogenea: Polystomatidae) from a caecilian host, *Typhlonectes compressicauda*, from French Guiana. *Folia Parasitologica*. [PDF](#)

Crottini A, Bollen A, **Weldon, C.,** Dalton DL, Kotze A, Noël J, Iambana B, Andreone F (2014) Amphibian survey and current absence of *Batrachochytrium dendrobatidis* (Bd) in the Parc Ivoloïna, Toamasina (Madagascar). *African Journal of Herpetology*, 63(1): 70-78. [PDF](#)

2013

Channing, A., Hillers, A., Lö, S., Rödel, M\_O., Schick, S., Conradie, W., Rödder, D., Mercurio, V., Wagner, P., Dehling, J.M., **Du Preez, L.H.,** Kielgast, J. & Burger, M. (2013) Taxonomy of the super-cryptic *Hyperolius nasutus* group of long reed frogs of Africa (Anura: Hyperoliidae), with descriptions of six new species. *Zootaxa* 3620(3): 301-350. [PDF](#)

Kruger, D.J.D., **Weldon, C.,** Minter, L.R. & **Du Preez, L.H.** 2013. Morphology of the Elygium and Developing Umbraculum in the Eye of *Amietia vertebralis* Tadpoles. *Journal of Morphology* 274: 551-556. [PDF](#)

**Du Preez, L.H.** (2013) Polystomatidae (Monogenea) of southern African Anura: *Polystoma channingi* n. sp. parasitic in two closely related *Cacosternum* species. *African Zoology* 48(1): 64-71. [PDF](#)

**Du Preez, L.H.** & Smit, N. (2013) Double blow: First record of an alien crayfish, *Cherax quadricarinatus* von Martens, infected with an alien temnocephalan, *Diceratocephala boschmai* Bear, in South African waters. *South African Journal of Science*. 109 (9/10). [PDF](#)

Tarrant, J., Cilliers, D., **Du Preez, L.H.** & **Weldon, C.** (2013) Spatial assessment of amphibian chytrid fungus (*Batrachochytrium dendrobatidis*) in South Africa confirms endemic and widespread infection. *Plos One* 8:7/e69591 [PDF](#)

**Tarrant, J.** & Armstrong, A.J. 2013. Using predictive modelling to guide the conservation of a Critically Endangered coastal wetland amphibian. *Journal for Nature Conservation*, <http://dx.doi.org/10.1016/j.jnc.2013.03.006> [PDF](#)

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Kuzmin, Y., Junker, K., **Du Preez, L.** & Bain, O. (2013) A new species of *Rhabdias* Stiles et Hassall, 1905 (Nematoda: Rhabdiasidae) from *Blommersia domerguei* (Guibé) (Amphibia: Mantellidae) in Madagascar. *Folia Parasitologica* 60: 469-474. [PDF](#)

**Weldon, C.**, Angelica C, Bollen A, Rabemananjara FCE, Copsey J, Garcia G, Dalton DL, Kotze A, and Andreone F (2013) Pre-emptive national monitoring plan for the amphibian chytrid fungus in Madagascar. *EcoHealth*, DOI: 10.1007/s10393-013-0869-8 [PDF](#)

Doherty-Bone TM, Gonwouo NL, Ohst T, **Weldon, C.**, Kouete MT, Browne R, Loader SP, Gower DJ, Wilkinson MW, Rödel M-O, Penner J, Barej MF, Schmitz A, Plötner J & Cunningham AA (2013) *Batrachochytrium dendrobatidis* in amphibians of Cameroon, including first records for caecilians. *Diseases of Aquatic Organisms* 102: 187-194. [PDF](#)

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2012

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Enabulele, E.E., Aisien, M.S.O. & **Du Preez, L.H.** (2012) *Polystomoides bourgati* (Monogenea: Polystomatidae) infecting *Pelusios castaneus* in southern Nigeria. *African Zoology* 47: 42-47. [PDF](#)

Fritz, U., Branch, W.R., Gehring, P.-S., Harvey, J., Kindler, C., Meyer, L., **Du Preez, L.**, Široký, P., Vieites, D.R. & Vences, M. (2012) Weak divergence among African, Malagasy and Seychellois hinged terrapins (*Pelusios castanoides*, *P. subniger*) and evidence for human-mediated oversea dispersal. *Organisms, Diversity & Evolution* DOI 10.1007/s13127-012-0113-3 [PDF](#)

Vredenburg, V.T., **Weldon, C.**, **Du Preez, L.H.**, Raharivololoniaina, L., Vieites, D.R. & Vences, M. (2012) A molecular survey across Madagascar does not yield positive records of the amphibian chytrid fungus *Batrachochytrium dendrobatidis* *Herpetology Notes* 5: 507-517. [PDF](#)

Yildirimhan, H.S. **Du Preez, L.H.** & Verneau, O. (2012) *Polystoma nacialtuneli* n. sp. (Polystomatidae) from the Eastern Spadefoot, *Pelobates syriacus* (Pelobatidae) in Turkey. *Journal of Helminthology* 86: 104-112. [PDF](#)

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**Du Preez, L.H.**, Kunene, N., Hanner, R., Evans, B.J., Giesy, J.P., Solomon, K.R., Hosmer, A., Van Der Kraak, G. (2009) Population-specific incidence of testicular ovarian follicles in *Xenopus laevis* from South Africa: A potential issue in endocrine testing. *Aquatic Toxicology* 95: 10-16. [PDF](#)

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**Du Preez, L.H.**, Wilkinson, M. & Huyse, T. (2008). The first record of polystomes (Monogenea: Polystomatidae) from caecilian hosts (Amphibia: Gymnophiona) with the description of a new genus and two new species. *Systematic Parasitology* 69:201-209. [PDF](#)

**Weldon, C.**, Du Preez L.H. and Vences M. (2008) Lack of detection of the amphibian chytrid fungus (*Batrachochytrium dendrobatidis*) in Madagascar. *Museo del Regionale di Scienze Naturali di Torino* 45: 95-106. [PDF](#)

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