
Research Report

Plant- en Dierkunde : 2012

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Journal Articles (subsidised)

- AL NADAF S, DEAKIN JE, GILBERT C, ROBINSON TJ, GRAVES JAM, WATERS PD.** A cross-species comparison of escape from X inactivation in Eutheria: implications for evolution of X chromosome inactivation. *Chromosoma* 2012; **121** : 71–78.
- ALBRECHT CF, STANDER MA, GROBBELAAR MC, COLLING J, KOSSMANN J, HILLS PN, MAKUNGA NP.** LC-MS-based metabolomics assists with quality assessment and traceability of wild and cultivated plants of *Sutherlandia frutescens* (Fabaceae). *South African Journal of Botany* 2012; **82** : 33-45.
- ALLEN JL, CLUSELLA-TRULLAS S, CHOWN SL.** The effects of acclimation and rates of temperature change on critical thermal limits in *Tenebrio molitor* (Tenebrionidae) and *Cyrtobagous salviniae* (Curculionidae). *Journal of Insect Physiology* 2012; **58** : 669–678.
- ANDERSON BC, KAWAKITA A, TAYASU I.** Sticky plant captures prey for symbiotic bug: is this digestive mutualism?. *Plant Biology* 2012; **14** : 888-893.
- BADENHORST D, DOBIGNY G, ROBINSON TJ.** Karyotypic Evolution of *Hapalomys* Inferred from Chromosome Painting: A Detailed Characterization Contributing New Insights into the Ancestral Murinae Karyotype. *Cytogenetic and Genome Research* 2012; **136** : 83–88.
- BADENHORST D, TATARD C, SUPUTTAMONGKOL Y, ROBINSON TJ, DOBIGNY G.** Host cell/*Orientia tsutsugamushi* interactions: Evolution and expression of syndecan-4 in Asian rodents (Rodentia, Muridae). *Infection Genetics and Evolution* 2012; **12** : 1136-1146.
- BAIRD D, ASMUS H, ASMUS R.** Effect of invasive species on the structure and function of the Sylt-Rømø Bight ecosystem, northern Wadden Sea, over three time periods. *Marine Ecology-Progress Series* 2012; **462** : 143–162.
- BAIRD D.** Assessment of observed and perceived changes in ecosystems over time, with special reference to the Sylt-Rømø Bight, German Wadden Sea. *Estuarine Coastal and Shelf Science* 2012; **108** : 144-154.
- BEEKMAN M, ALLSOPP MH, HOLMES MJ, LIM J, NOACH-PIENAAR L, WOSSLER TC, OLDROYD BP.** Racial mixing in South African honeybees: the effects of genotype mixing on reproductive traits of workers. *Behavioral Ecology and Sociobiology* 2012; **66** : 897–904.
- BENGTSSON J, JANION C, CHOWN SL, LEINAAS HP.** Litter decomposition in fynbos vegetation, South Africa. *Soil Biology & Biochemistry* 2012; **47** : 100-105.
- BERTHOULY-SALAZAR C, CASSEY P, JANSEN VAN VUUREN B, JANSE VAN RENSBURG B, HUI C, GARDNER MG, LE ROUX JJ.** Development and characterization of 13 new, and cross amplification of 3, polymorphic nuclear microsatellite loci in the common myna (*Acridotheres tristis*). *Conservation Genetics Resources* 2012; **4** : 621–624.
- BERTHOULY-SALAZAR C, VAN RENSBURG BJ, LE ROUX JJ, JANSEN VAN VUUREN B, HUI C.** Spatial Sorting Drives Morphological Variation in the Invasive Bird, *Acridotheris tristis*. *PLoS ONE* 2012; **7** : e38145.
- BLOMEFIELD TL, GILIOME JH.** Availability and location of cocooning sites for diapausing codling moth larvae (*Cydia pomonella* (L.)) (Lepidoptera: Tortricidae) on mature and young apple trees. *African Entomology* 2012; **20** : 182–186.
- BLOMEFIELD TL, GILIOME JH.** Fecundity and mortality of codling moth, *Cydia pomonella* (L.) (Lepidoptera: Tortricidae), under field conditions in South Africa. *African Entomology* 2012; **20** : 316–324.
- BOARDMAN L, TERBLANCHE JS, HETZ SK, MARAIS E, CHOWN SL.** Reactive oxygen species production and discontinuous gas exchange in insects. *Proceedings of the Royal Society B-Biological Sciences* 2012; **279** : 893–901.
- BOARDMAN L, TERBLANCHE JS, MARAIS E, CHOWN SL, HETZ SK.** Reactive oxygen species production and discontinuous gas exchange in insects. *Proceedings of the Royal Society B-Biological Sciences* 2012; **279** : 893-901.
- BORN C, LE ROUX PC, SPOHR C, MCGEOCH MA, JANSEN VAN VUUREN B.** Plant dispersal in the sub-Antarctic inferred from anisotropic genetic structure. *Molecular Ecology* 2012; **21** : 184-194.
- BRASCHLER B, CHOWN SL, GASTON KJ.** The Fynbos and Succulent Karoo Biomes do not have exceptional local ant richness. *PLoS ONE* 2012; **7** : e31463.

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