

SCIENCE COMMUNICATIONS

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NATURE CONSERVATION OPERATIONS OFFICER
DEC
HARVEY (VIA COLLIE)

Science Communications lists titles of publications, reports etc prepared by Science Division staff. This issue is for the period ending January 2009.

If you require a copy of a **submitted** paper please contact the author. For all other titles please contact Lisa Wright at Woodvale.

Neil Burrows
Director
Science Division

Journal Publications

- Abbott I (2008). The spread of the cat, *Felis catus*, in Australia: re-examination of the current conceptual model with additional information. *Conservation Science Western Australia* **7**, 1-17
- Algar D, Angus GJ (2008). Feasibility study for the eradication of feral cats from Faure Island, Shark Bay, Western Australia. *Records of the Western Australian Museum. Supplement* **75**, 71-75
- Algar D, Brazell RI (2008). A bait-suspension device for the control feral cats. *Wildlife Research* **35**, 471-476
- Armstrong SJ, Bancroft KP, Davidson JA (2008). Bibliography of marine scientific research relevant to the Ningaloo Marine Park and adjacent waters. *Conservation Science Western Australia* **7**, 179-205
- Atkinson CA, Lund MA, Morris KD (2008). BiblioRakali: the Australian water rat, *Hydromys chrysogaster* Geoffroy, 1804 (Muridae: Hydromyinae), a subject-specific bibliography. *Conservation Science Western Australia* **7**, 65-71
- Barrett S, Shearer BL, Crane CE, Cochrane A (2008). An extinction-risk assessment tool for flora threatened by *Phytophthora cinnamomi*. *Australian Journal of Botany* **56**, 477-486
- Biggs LJ, Chappill JA (2008). An annotated census of the mosses of the Perth Region, Western Australia. *Nuytsia* **18**, 1-30
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- Butcher R (2008). *Platytheca anasima* (Elaeocarpaceae) a new, geographically restricted species from the Whicher Range, south-west Western Australia. *Nuytsia* **18**, 31-37
- Butcher R (2008). Rediscovery of *Tetratheca nuda* var. *spartea* (Elaeocarpaceae) in south-west Western Australia and elevation to specific rank. *Nuytsia* **18**, 39-47
- Byrne M (2008). Evidence for multiple refugia at different time scales during Pleistocene climatic oscillations in southern Australia inferred from phylogeography. *Quaternary Science Reviews* **27**, 2576-2585
- Cranfield RJ (2008). *Atriplex eremitis* (Chenopodiaceae), a new species for northern Western Australia. *Nuytsia* **18**, 49-52
- Davison EM, Tay FCS (2008). Causes of incipient rot and rot in regrowth *Eucalyptus diversicolor* (karri) trees. *Plant Pathology* **57**, 1097-1102
- Dobrowolski MP, Shearer BL, Colquhoun IJ, O'Brien PA, Hardy GE St J (2008). Selection for decreased sensitivity to phosphite in *Phytophthora cinnamomi* with prolonged use of fungicide. *Plant Pathology* **57**, 928-936

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- Glen AS (2008). Population attributes of the spotted-tailed quoll (*Dasyurus maculatus* in north-eastern New South Wales. *Australian Journal of Zoology* **56**, 137-142
- Harding D (ed) (2008). Conservation science Western Australia. Vol 7, no 1, October 2008. Department of Environment and Conservation, Kensington, WA. 205 p.
- Hayward MW (2008). Home range overlap of the quokka, *Setonix brachyurus* (Macropodidae: Marsupialia) suggests a polygynous mating system. *Conservation Science Western Australia* **7**, 57-64
- Hayward MW, de Tores PJ, Fox BJ (2008). Post-fire vegetation succession in *Taxandria linearifolia* swamps in the northern jarrah forest of Western Australia. *Conservation Science Western Australia* **7**, 35-42
- Hislop M (2008). Three new species of *Leucopogon* (Ericaceae: Styphelioideae: Styphelieae) from the far south-west of Western Australia. *Nuytsia* **18**, 61-78
- Keighery GJ (2008). A new species of *Rorippa* (Brassicaceae) from southern Western Australia. *Nuytsia* **18**, 79-82
- Keighery G (2008). A new subspecies of *Flaveria* (Asteraceae) from Western Australia. *Compositae Newsletter* **46**, 20-26
- Keighery G, Keighery B (2008). Hybridization, a threat to our native bluebells?. *Wildflower Society of WA Newsletter* **46**, 17-18
- Keighery G, Muir W (2008). Vegetation and vascular flora of Faure Island, Shark Bay, Western Australia. *Records of the Western Australian Museum. Supplement* **75**, 11-19
- Lally T, Wilson PG (2008). *Kennedia lateritia*, a new name for *Kennedia macrophylla* (Fabaceae). *Nuytsia* **18**, 340-341
- Lander NS (2008). Elucidation of *Olearia* species related to *O. paucidentata* (Asteraceae: Astereae). *Nuytsia* **18**, 83-95
- Lander NS (2008). New species of *Olearia* (Asteraceae: Astereae) from Western Australia. *Nuytsia* **18**, 97-106
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- Markey AS, Dillon SJ (2008). Flora and vegetation of the banded iron formations of the Yilgarn Craton: the Weld Range. *Conservation Science Western Australia* **7**, 153-178
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- Maslin BR, van Leeuwen S (2008). New taxa of *Acacia* (Leguminosae: Mimosoideae) and notes on other species from the Pilbara and adjacent desert regions of Western Australia. *Nuytsia* **18**, 139-188
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- Millar MA, Byrne M (2008). Characterization of polymorphic microsatellite DNA markers in *Banksia nivea*, formerly *Dryandra nivea*. *Molecular Ecology Resources* **8**, 1393-1394
- Millar MA, Byrne M, Nuberg I, Sedgley M (2008). A rapid PCR-based diagnostic test for the identification of subspecies of *Acacia saligna*. *Tree Genetics and Genomes* **4**, 625-635
- Pinder AM (2008). Phreodrilidae (Clitellata: Annelida) in north-western Australia with descriptions of two new species. *Records of the Western Australian Museum* **24**, 459-468
- Poot P, Bakker R, Lambers H (2008). Adaptations to winter-wet ironstone soils: a comparison between rare ironstone *Hakea* (Proteaceae) species and their common congeners. In: *Australian Journal of Botany* **56**, 574-582

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- Shepherd KA (2008). Consensus or complacency? A discussion of the proposed new collection sequence at the WA Herbarium. *Australian Systematic Botany Society Newsletter* **135**, 5-8
- Shepherd KA (2008). *Tecticornia papillata* (Chenopodiaceae: Salicornioideae) a new andromonoecious samphire from near the Carnarvon Range, Western Australia. *Nuytsia* **18**, 259-266
- Shepherd KA, Wilson PG (2008). New recombinations in the genus *Dysphania* (Chenopodiaceae). *Nuytsia* **18**, 267-272
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- Wayne AF, Rooney J, Morris KD, Johnson B (2008). Improved bait and trapping techniques for chuditch (*Dasyurus geoffroii*): overcoming reduced trap availability due to increased densities of other native fauna. *Conservation Science Western Australia* **7**, 49-56
- Wege JA (2008). *Stylidium perplexum* (Stylidiaceae): a remarkable new triggerplant from south-west Western Australia. *Nuytsia* **18**, 285-289
- Wilson PG (2008). *Coronidium*, a new Australian genus in the Gnaphalieae (Asteraceae). *Nuytsia* **18**, 295-329
- Wilson PG (2008). A new subspecies of *Gnaphalium indutum* (Asteraceae: Gnaphalieae). *Nuytsia* **18**, 291-293
- Wilson PG (2008). Notes on the genus *Chrysocephalum* (Angianthinae: Asteraceae) with the description of one new species from Western Australia and a new combination. *Nuytsia* **18**, 331-338
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- Burbidge A, Blyth J (2008). Threatened & rare birds of Western Australia. Rev. reprint. Department of Environment and Conservation, Western Australia, Bush Books Department of Environment and Conservation, Kensington, WA. 72 p.
- Glasby CJ, Read GB, Lee KE, Blakemore RJ, Fraser PM, Pinder AM et al. (2009). Phylum Annelida: bristleworms, earthworms, leeches. In: *New Zealand Inventory of Biodiversity. Volume 1, Kingdom Animalia: Radiata, Lophotrochozoa, Deuterostomia* (ed DP Gordon). pp. 312-358. Canterbury University Press, Christchurch.
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- Glen AS (ed) (2008). Australasian Wildlife Management Society 21st annual conference: human impacts on wildlife, 24-27 November 2008, Fremantle WA: program and book of abstracts. Conference Organising Committee, Dwellingup. 140 p.
- Hollis JJ, Anderson Wr, Chapman J, Gould JS, Matthews S, McCaw WL (2008). Behind the flaming zone (POSTER). In: *Fire, Environment and Society: From Research into Practice, Adelaide Convention Centre, 1-3 September 2008: the International Bushfire Research Conference Incorporating the 15th AFAC Conference: Conference Papers* p. 512. Bushfire CRC, Melbourne.
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Abstracts

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- Hilmer S, Schleucher E, Algar D (2008). Seasonal and climatic variations in basal metabolic rate of the feral cat (*Felis catus*) in Australia (ABSTRACT). In: *Deutsche Zoologische Gesellschaft e.V. 101st annual meeting: Jena, 19.-22. September 2008: abstracts* p. 81. Deutsche Zoologische Gesellschaft, Jena.
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New Science Project Plans

Project SPP 2008/002 - Establishment of a long-term monitoring program for the proposed Dampier Archipelago Marine Park
Supervising Scientist: Chris Simpson

Project SPP 2008/003 - Ningaloo Marine Park Dru-pella long-term monitoring program
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