
SCIENCE COMMUNICATIONS

November 2001 - January 2002

Science Division Mission: Provide up-to-date and scientifically sound information to uphold effective conservation and land management in WA

Science Communications lists titles of publications, reports etc prepared by Science Division staff. This issue is for the period November 2001 to January 2002. If you require a copy of any listings please contact the authors or Lisa Wright at Woodvale

Neil Burrows
Director
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Journal Publications

- Abbott, I. (2001). The bilby, *Macrotis lagotis* (Marsupialia: Peramelidae) in south-western Australia: original range limits, subsequent decline and presumed regional extinction. *Records of the Western Australian Museum* **20**. pp. 271-305.
- Abbott, I. and Wills, A. (2001). Biodiversity of canopy arthropods in jarrah forest of south-west Western Australia: review of ecological theory and conservation management. *Pacific Conservation Biology* **7**. pp. 101-117.
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- Pinder, A. (2001). Notes on the diversity and distribution of Australian Naididae and Phreodrilidae (Oligochaeta: Annelida). *Hydrobiologia* **463**. pp. 49-64.
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(Continued on page 2)

(Continued from page 1)

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- Alacs, A.E. (2001). Conservation genetics of the quokka, *Setonix brachyurus*. Thesis (B.Sc.Hons.) -- Murdoch University. pp. 1-123.
- Algar, D., Angus, G.J., Onus, M.L. and Fuller, P.J. (2001). Optimising large scale cat predation control for wildlife recovery: a progress report to the Wind Over Water Foundation. Department of Conservation and Land Management, Western Australia, pp. 1-13.
- Burrows, N.D. (2001). Fire regimes for the conservation of biodiversity in south-west forest ecosystems: a planning framework. - Draft. Department of Conservation and Land Management, Western Australia, pp. 1-10.
- Byrne, M. (2001). Genetic diversity in Western Australian sandalwood (*Santalum spicatum*): report to the Forest Products Commission. Department of Conservation and Land Management, Western Australia, pp. 1-44.
- Guthrie, N.A. (2001). Aspects of the taxonomy and ecology of the ground beetle (Coleoptera: Carabidae) assemblage of the Swan Coastal Plain: with particular reference to habitat fragmentation and the Quindalup Dune System. Thesis (M.Sc.) -- Edith Cowan University. pp. 1-287.
- Halse, S.A., Scanlon, M.D. and Cocking, J.S. (2001). First National Assessment of River Health: Western Australian program, milestone report 5 and final report. Department of Conservation and Land Management, Western Australia, pp. 1-88.
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- Morris, K., Burbidge, A.A., Drew, M. and Kregor, G. (2001). Mammal monitoring, Barrow Island Nature Reserve, October 2001. Department of Conservation and Land Management, Western Australia, pp. 1-29.
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(Continued on page 3)

(Continued from page 2)

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- Burbidge, A.H. (2001). Quail and button-quail in southern WA. *Western Australian Bird Notes* **98**. pp. 15-16.
- Burbidge, A. (2001). Rare birds survive wilderness wildfire. *Conservation News* **Nov**. pp. 2.
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- Keighery, G. and Costello, V. (2001). The art of science. *Landscape* **17(2)**. pp. 23-27.
- Ryan, P.C. and Brand, J.E. (2002). Techniques to improve sandalwood (*Santalum spicatum*) regeneration at Shark Bay, Western Australia: stem coppice and direct seeding. *Sandalwood Research Newsletter* **15**. pp. 4-7.
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(Continued on page 4)

(Continued from page 3)

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- Byrne, M., Macdonald, B., Broadhurst, L. and Brand, J. Genetic diversity in Australian sandalwood (*Santalum spicatum*) as revealed by nuclear RFLP analysis. *Theoretical and Applied Genetics*
- Crawford, A., Cochrane, A. and Probert, R. Acid scarification: an effective method of increasing the speed and synchrony of germination in five Western Australian *Acacia* (Mimosaceae) species.
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- Keighery, G. and Gibson, N. The Flinders Expedition in Western Australia: Robert Brown, the plants and their influence on Western Australian botany. *In: Flinders 200 Conference*
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- Morris, K.D. and Lapwood, M. Development of a joint management strategy between Aboriginal communities and WA Department of Conservation and Land Management for the conservation of marine turtles in the Dampier Peninsula region of Western Australia: progress report to Environment Australia.
- Patrick, S. Flora and vegetation of Burnerbinmah Station: a study of the plant communities in the mulga shrublands of the Murchison region. *CALMScience*
- Patrick, S. Georgina Molloy, a remarkable woman. *Landscape*
- Patrick, S. Night and day under an outback sky: an astronomical adventure, Ningham Station 2001. *Department of Conservation and Land Management, Western Australia, Landscape Expeditions*
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- Rye, B.L. Pimeleas: the original Banksias!. *Western Wildlife: Newsletter of the Land for Wildlife Scheme*
- Shiel, R.J., Halse, S.A. and Green, J.D. Microfaunal biodiversity in ephemeral waters: temperate and arid Australia (ABSTRACT). *In: 5th Invertebrate Biodiversity and Conservation Conference*
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(Continued on page 5)

(Continued from page 4)

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Vernes, T. and Robson, K. Indian sandalwood industry in Australia. *PIFT Newsletter*

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