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# SCIENCE COMMUNICATIONS

August 2001 - October 2001

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

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

Neil Burrows  
Director  
Science Division

## Journal Publications

- Bullen, R. and McKenzie, N.L. (2001). Bat airframe design: flight performance, stability and control in relation to foraging ecology. *Australian Journal of Zoology* **49**. pp. 235-261.
- Burrows, N.D. (2001). Flame residence times and rates of weight loss of eucalypt forest fuel particles. *International Journal of Wildland Fire* **10**. pp. 137-143.
- Byrne, M., Tischler, G., Macdonald, B., Coates, D.J. and McComb, J. (2001). Phylogenetic relationships between two rare acacias and their common, widespread relatives in south-western Australia. *Conservation Genetics* **2**. pp. 157-166.
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- Cheney, P., Gould, J. and McCaw, L. (2001). The dead-man zone : a neglected area of firefighter safety. *Australian Forestry* **64**. pp. 45-50.
- Fay, M.F., Lledo, M.D., Richardson, J.E., Rye, B.L. and Hopper, S.D. (2001). Molecular data confirm the affinities of *Granitites* with *Alphitonia* (Rhamnaceae). *Kew Bulletin* **56**. pp. 669-275.
- Hardy, G.E. St. J., Barrett, S. and Shearer, B. (2001). The future of phosphite as a fungicide to control the soilborne plant pathogen *Phytophthora cinnamomi* in natural ecosystems. *Australasian Plant Pathology* **30**. pp. 133-139.
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- Pearson, D., Davies, P., Carnegie, N. and Ward, J. (2001). The great desert skink (*Egernia kintorei*) in Western Australia: distribution, reproduction and ethno-zoological observations. *Herpetofauna* **31**. pp. 64-68.
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*Agriculture, Western Australia* **42**. pp. 30-35.

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Science Division, Department of Conservation and Land Management, Western Australia (2001). Nuytsia. - Vol. 14, no. 1/2. Department of Conservation and Land Management, Western Australia, pp. 1-318.

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Ward, D.J., Lamont, B.B. and Burrows, C.L. (2001). Grasstrees reveal contrasting fire regimes in eucalypt forest before and after European settlement of southwestern Australia. *Forest Ecology and Management* **150**. pp. 323-329.

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- Commonwealth Forestry Conference jointly with the 19th Biennial Conference of the Institute of Foresters of Australia, Fremantle, Western Australia, 18-25 April, 2001 Promaco Conventions, Perth. pp. 75-84.
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- McCaw, L. (2001). A workshop on environmental effects of timber harvesting in the jarrah forest: a synthesis of recent research by the Science Division, Department of Conservation & Land Management. Department of Conservation and Land Management, Western Australia, pp. 1-4.
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- Burrows, N.D., Ward, B. and Cranfield, R. (2001). Short-term impacts of logging on understorey vegetation in a jarrah forest (ABSTRACT). *In: A Workshop on Environmental Effects of Timber Harvesting in the Jarrah Forest: a Synthesis of Recent Research by the Science Division, Department of Conservation & Land Management* (ed. L. McCaw). Department of Conservation and Land Management, Western Australia, pp. 5.
- Cochrane, A. and Monks, L. (2001). Partnerships in conservation: a collaborative approach to recovery of Western Australia's threatened flora (POSTER ABSTRACT). *In: Gardens 2001 Congress: Canberra, 17-21 April 2001* Gardens 2001 Congress, Canberra. pp. 1-2.
- De Tores, P. (2001). The western ringtail possum, *Pseudocheirus occidentalis*: distribution, conservation status, habitat use and implications for forest management (ABSTRACT). *In: A Workshop on Environmental Effects of Timber Harvesting in the Jarrah Forest: a Synthesis of Recent Research by the Science Division, Department of Conservation & Land Management* (ed. L. McCaw). Department of Conservation and Land Management, Western Australia, pp. 21.

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- Liddel, G.L. (2001). Short-term impacts of logging on birds in a jarrah forest at Kingston (ABSTRACT). *In: A Workshop on Environmental Effects of Timber Harvesting in the Jarrah Forest: a Synthesis of Recent Research by the Science Division, Department of Conservation & Land Management* (ed. L. McCaw). Department of Conservation and Land Management, Western Australia, pp. 11.
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Abbott, I., Burbidge, T., Strehlow, K., Mellican, A. and Wills, A. Logging and burning impacts on cockroaches, crickets and grasshoppers, and spiders in jarrah forest, Western Australia. *Forest Ecology and Management*

Auckland, C., Shearer, B.L. and Hardy, G.E. St. J. The dilution of phosphite in rapidly growing plants and how soil and plant phosphate levels interact with phosphite and its ability to induce host-resistant responses when challenged by *Phytophthora cinnamomi*. In: *Proceedings of the Second International IUFRO meeting on Phytophthora in Forests and Natural Ecosystems*

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- D'Souza, N.K., Colquhoun, I.J., Shearer, B.L. and Hardy, G.E. St. J. Biological control of *Phytophthora cinnamomi*: the potential of five Western Australian native *Acacia* species to protect *Banksia grandis*. *In: International Union of Forest Researchers Organisation (IUFRO) 2nd Conference Proceedings: Albany, Western Australia, October 2001*
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