

# SCIENCE COMMUNICATIONS

February 2002 - May 2002

Science Division Mission: The provision of up-to-date and scientifically sound information to uphold effective conservation and land management in Western Australia

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

Neil Burrows  
Director  
Science Division

Title  
Company Name  
Address Line 1  
City

## Journal Publications

- Abbott, I. (2002). Origin and spread of the cat, *Felis catus*, on mainland Australia, with a discussion of the magnitude of its early impact on native fauna. *Wildlife Research* **29**. pp. 51-74.
- Abbott, I. and Whitford, K. (2002). Conservation of vertebrate fauna using hollows in forests of south-west Western Australia: strategic risk assessment in relation to ecology, policy, planning and operations management. *Pacific Conservation Biology* **7**. pp. 240-255.
- Atkins, A.F., Williams, A.A.E. and Williams, M.R. (2002). *Exometoeca nycteris* Meyrick (Lepidoptera: Hesperiiidae: Pyrginae): life history and morphological studies. *Australian Entomologist* **29**. pp. 1-10.
- Barrett, S.R., Shearer, B.L. and Hardy, G.E. St. J. (2002). Root and shoot development in *Corymbia calophylla* and *Banksia brownii* after the application of the fungicide phosphite. *Australian Journal of Botany* **50**. pp. 155-161.
- Bullen, R.D. and McKenzie, N.L. (2002). Differentiating Western Australian *Nyctophilus* (Chiroptera: Vespertilionidae) echolocation calls. *Australian Mammalogy* **23**. pp. 89-93.
- Burrows, N.D., Ward, B. and Cranfield, R. (2002). Short-term impacts of logging on understorey vegetation in a jarrah forest. *Australian Forestry* **65**. pp. 47-58.
- Colangelo, W.I., Lamont, B.B., Jones, A.S., Ward, D.J. and Bombardieri, S. (2002). The anatomy and chemistry of the colour bands of grasstree stems (*Xanthorrhoea preissii*) used for plant age and fire history determination. *Annals of Botany* **89**. pp. 605-612.
- Cranfield, R.J. (2002). *Korthalsella arthroclada* (Viscaceae), a new species from south-west Western Australia. *Nuytsia* **14**. pp. 361-364.
- Elliott, C.P., Yates, C.J., Ladd, P.G. and Coates, D.J. (2002). Morphometric, genetic and population studies used to clarify the conservation status of a rare *Acacia* in Western Australia. *Australian Journal of Botany* **50**. pp. 63-73.
- Farr, J.D. (2002). Biology of the gumleaf skeletoniser, *Uraba lugens* Walker (Lepidoptera: Noctuidae), in the southern jarrah forest of Western Australia. *Australian Journal of Entomology* **41**. pp. 60-69.
- Gibson, N. and Lyons, M.N. (2001). Flora and vegetation of the eastern goldfields ranges. Part 4, Highclere Hills. *Journal of the Royal Society of Western Australia* **84**. pp. 71-81.
- Hines, B. and Byrne, M. (2001). Genetic differentiation between mallee and tree forms in the *Eucalyptus loxophleba* complex. *Heredity* **97**. pp. 566-572.
- Hislop, M. and Rye, B.L. (2002). Three new early-flowering species of *Petrophile* (Proteaceae) from south-western Australia. *Nuytsia* **14**. pp. 365-374.
- Keighery, G.J. (2002). A new species of *Laxmannia* (Anthericaceae) from Tasmania and a new subspecies from Western Australia. *Nuytsia* **14**. pp. 375-380.
- Keighery, G.J. (2002). A new subspecies of *Cleome* (Capparaceae) from Western Australia. *Nuytsia* **14**. pp. 381-384.
- Keighery, G.J. (2002). *Psammomoya* (Celestraceae): a taxonomic review. *Nuytsia* **14**. pp. 385-392.
- Keighery, G.J. (2002). Taxonomic notes on the genus *Stenopetalum* (Brassicaceae). *Nuytsia* **14**. pp. 393-403.
- McCaw, L., Neal, J. and Smith, R. (2002). Stand characteristics and fuel accumulation in a sequence of even-aged karri (*Eucalyptus diversicolor*) stands in south-west Western Australia. *Forest Ecology and Management* **158**. pp. 263-271.
- McDonald, M.W. and Maslin, B.R. (2002). *Acacia peregrinalis*, a new name for *A. peregrina* (Leguminosae: Mimosoideae). *Nuytsia* **14**. pp. 455.

(Continued on page 2)

(Continued from page 1)

Science Division, Department of Conservation and Land Management, Western Australia (2002). *Nuytsia*. - Vol. 14, no. 3. Department of Conservation and Land Management, Western Australia, pp. 319-458.

Short, J., Kinneer, J.E. and Robley, A. (2002). Surplus killing by introduced predators in Australia: evidence for ineffective anti-predator adaptations in native prey species?. *Biological Conservation* **103**. pp. 283-301.

Toelken, H.R. and Wheeler, J.R. (2002). Notes on *Hibbertia* (Dilleniaceae). 4, the identity of *H. enervia*. *Journal of the Adelaide Botanic Gardens* **20**. pp. 1-4.

Wheeler, J.R. (2002). A review of *Hibbertia glomerosa sens. lat.* (Dilleniaceae). *Nuytsia* **14**. pp. 411-418.

Wheeler, J.R. (2002). Three new subspecies of *Hibbertia glomerata* (Dilleniaceae) from the Darling Range, Western Australia. *Nuytsia* **14**. pp. 427-435.

Wheeler, J.R. (2002). Two new species of *Hibbertia* section *Candollea* (Dilleniaceae) from the south-west of Western Australia. *Nuytsia* **14**. pp. 419-426.

Whitford, K.R. (2002). Hollows in jarrah (*Eucalyptus marginata*) and marri (*Corymbia calophylla*) trees. I, hollow sizes, tree attributes and ages. *Forest Ecology and Management* **160**. pp. 160-214.

Whitford, K.R. and Williams, M.R. (2002). Hollows in jarrah (*Eucalyptus marginata*) and marri (*Corymbia calophylla*) trees. II, selecting trees to retain for hollow dependent fauna. *Forest Ecology and Management* **160**. pp. 215-232.

Wilson, P.G. (2002). Notes and new taxa in the Australian genus *Myriocephalus* (Asteraceae: Gnaphalieae). *Nuytsia* **14**. pp. 437-444.

Wilson, P.G. and Albrecht, D.E. (2002). Notes on the genus *Cratystylis* (Asteraceae) including one new species. *Nuytsia* **14**. pp. 445-452.

## Books

Curry, S., Maslin, B.R. and Maslin, J.A. (2002). Allan Cunningham : Australian collecting localities. ABRIS/CSIRO, Canberra. Flora of Australia Supplementary Series **13**. pp. 1-90.

Gathe, J., Edgecombe, M. and Carter, B. (2001). Robert Brown: botanist with Matthew Flinders. B. Carter, Perth. pp. 1-60.

Keith, D.A., McCaw, W.L. and Whelan, R.J. (2002). Fire regimes in Australian heathlands and their effects on plants and animals. In: *Flammable Australia: the fire regimes and biodiversity of a continent* (eds R.A. Bradstock, J.E. Williams & M.A. Gill). Cambridge University Press, Cambridge. pp. 199-237.

## Conference/Workshop Papers

Bartle, J.R. (2001). IEA, Bioenergy, Task 17: short-rotation crops for bioenergy: proceedings of the fourth meeting of IEA, Bioenergy, Task 17, held at Albany, Western Australia 7-9 March, 2000. Department of Conservation and Land Management, Western Australia, pp. 1-54.

Bartle, J. and Giles, R. (2001). Development of mallee eucalypts as a short-rotation crop in Western Australia. In: *IEA, Bioenergy, Task 17: Short-Rotation Crops for Bioenergy: Proceedings of the Fourth Meeting of IEA, Bioenergy, Task 17, held at Albany, Western Australia 7-9 March, 2000* Department of Conservation and Land Management, Western Australia, pp. 33-42.

Cooper, D. and Bartle, J. (2001). New large-scale woody plant crops for W.A.. In: *Seminar Papers: Marketing Farm Forestry 2001 Seminar: Albany, W.A., Wednesday 8th August 2001* Green Skills Inc., Denmark, W.A.. pp. 1-4.

Halse, S.A., Scanlon, M.D. and Cocking, J.S. (2002). Do springs provide a window to the groundwater fauna of the Australian arid zone?. In: *Balancing the Groundwater Budget: Proceedings of an International Groundwater Conference, Darwin 2002* International Association of Hydrogeologists, pp. 1-12.

Moore, R. (2001). The eucalypt sawlog project: an update. In: *Seminar Papers: Marketing Farm Forestry 2001 Seminar: Albany, W.A., Wednesday 8th August 2001* Green Skills Inc., Denmark, W.A.. pp. 1-4.

Morris, K. (2001). Overview of Western Australia's fauna recovery program: Western Shield. In: *Control and Management of the Red Fox in Victoria: Workshop Proceedings, May 2000* (eds. G. Friend, P. Fisher, R. Loyn & A. Robley). Department of Natural Resources and Environment, Victoria, pp. 29-30.

## Abstracts

Abbott, I. (2002). Aboriginal fire regimes in south-west Western Australia: evidence from historical documents (ABSTRACT). In: *Program and Abstracts: Fire in South-Western Australian Ecosystems: Impacts and Management: Symposium, 16, 17 and 18 April 2002, the WA Turf Club Function Centre, 70 Grandstand Rd, Ascot, WA* Department of Conservation and Land Management, Western Australia, pp. 11.

Burbidge, A.H. (2002). Fire and birds (ABSTRACT). In: *Program and Abstracts: Fire in South-Western Australian Ecosystems: Impacts and Management: Symposium, 16, 17 and 18 April 2002, the WA Turf Club Function Centre, 70 Grandstand Rd, Ascot, WA* Department of Conservation and Land Management, Western Australia, pp. 21.

Burrows, N. and Wardell-Johnston, G. (2002). Fire and plants in south-west forests: a review of knowledge (ABSTRACT). In: *Program and Abstracts: Fire in South-Western Australian Ecosystems: Impacts and Management: Symposium, 16, 17 and 18 April 2002, the WA Turf Club Function Centre, 70 Grandstand Rd, Ascot, WA* Department of Conservation and Land Management, Western Australia, pp. 17.

Cheney, P., McCaw, L. and Sneeuwjagt, R. (2002). Development of a scientific understanding of fire behaviour and use in the south-west of Western Australia (ABSTRACT). In: *Program and Abstracts:*

(Continued on page 3)

(Continued from page 2)

- Fire in South-Western Australian Ecosystems: Impacts and Management: Symposium, 16, 17 and 18 April 2002, the WA Turf Club Function Centre, 70 Grandstand Rd, Ascot, WA Department of Conservation and Land Management, Western Australia, pp. 13.
- Friend, G. and Wayne, A. (2002). Relationships between mammals and fire in south-western Australian ecosystems: what we know and what we need to know (ABSTRACT). In: *Program and Abstracts: Fire in South-Western Australian Ecosystems: Impacts and Management: Symposium, 16, 17 and 18 April 2002, the WA Turf Club Function Centre, 70 Grandstand Rd, Ascot, WA Department of Conservation and Land Management, Western Australia*, pp. 22.
- Hopkins, A. and McCaw, L. (2002). Fire in the shrub-dominated vegetation types of south Western Australia (ABSTRACT). In: *Program and Abstracts: Fire in South-Western Australian Ecosystems: Impacts and Management: Symposium, 16, 17 and 18 April 2002, the WA Turf Club Function Centre, 70 Grandstand Rd, Ascot, WA Department of Conservation and Land Management, Western Australia*, pp. 16.
- McCaw, L. (2002). Fire environment of the Mediterranean south-west of Western Australia (ABSTRACT). In: *Program and Abstracts: Fire in South-Western Australian Ecosystems: Impacts and Management: Symposium, 16, 17 and 18 April 2002, the WA Turf Club Function Centre, 70 Grandstand Rd, Ascot, WA Department of Conservation and Land Management, Western Australia*, pp. 9.
- Noble, I. and McKellar, R. (2002). Global warming and bushfires (ABSTRACT). In: *Program and Abstracts: Fire in South-Western Australian Ecosystems: Impacts and Management: Symposium, 16, 17 and 18 April 2002, the WA Turf Club Function Centre, 70 Grandstand Rd, Ascot, WA Department of Conservation and Land Management, Western Australia*, pp. 38.
- Robinson, R. and Bougher, N. (2002). The response of fungi to fire in jarrah (*Eucalyptus marginata*) and karri (*Eucalyptus diversicolor*) forests of south-western Australia (ABSTRACT). In: *Program and Abstracts: Fire in South-Western Australian Ecosystems: Impacts and Management: Symposium, 16, 17 and 18 April 2002, the WA Turf Club Function Centre, 70 Grandstand Rd, Ascot, WA Department of Conservation and Land Management, Western Australia*, pp. 18.
- Van Heurck, P. and Abbott, I. (2002). Fire and invertebrates in south-west Australia (ABSTRACT). In: *Program and Abstracts: Fire in South-Western Australian Ecosystems: Impacts and Management: Symposium, 16, 17 and 18 April 2002, the WA Turf Club Function Centre, 70 Grandstand Rd, Ascot, WA Department of Conservation and Land Management, Western Australia*, pp. 19.
- Yates, C., Abbott, I. and Coates, D. (2002). Fire as a determinant of rarity in the south-western Australian global biodiversity hotspot (ABSTRACT). In: *Program and Abstracts: Fire in South-Western Australian Ecosystems: Impacts and Management: Symposium, 16, 17 and 18 April 2002, the WA Turf Club Function Centre, 70 Grandstand Rd, Ascot, WA Department of Conservation and Land Management, Western Australia*, pp. 24.
- ## Reports
- Algar, D. and Angus, G.J. (2002). Assessment of feral cat abundance and control strategies on Rottnest Island: a report to the Rottnest Island Authority. Department of Conservation and Land Management, Western Australia, pp. 1-16.
- Elliott, C.P., Yates, C.J., Ladd, P.G. and Coates, D.J. (2002). The conservation biology of *Acacia* sp. Dandaragan. Department of Conservation and Land Management, Western Australia, pp. 1-163.
- Hislop, M. and Macfarlane, T. (2001). Family key to the grasses, sedges and allied plants in W.A.. Western Australian Herbarium, pp. 1-8.
- Keighery, G. (2001). Vascular flora of Woodmans Point Nature Reserve. Department of Conservation and Land Management, Western Australia, pp. 1-10.
- Keighery, G.J. (2002). Flora of Thompson Lake Nature Reserve. Department of Conservation and Land Management, Western Australia, pp. 1-15.
- Keighery, G.J. (2002). Vascular flora of Forrestdale Lake Nature Reserve (343 taxa). Department of Conservation and Land Management, Western Australia, pp. 1-10.
- Keighery, G. and Lyons, M. (2001). Existing and potential natural diversity recovery catchments indicative list. Department of Conservation and Land Management, Western Australia, pp. 1-4.
- Kendrick, P., van Leeuwen, S., Bromilow, B. and Hughes, M. (2001). Rock pools and rugged ranges: wildlife of the Nullagine River and Ripon Hills, 2001. *Department of Conservation and Land Management, Western Australia, Landscape Expeditions* 41. pp. 1-24.
- Lee, K.M. and Abbott, I. (2001). Precautionary forest management : a case study from Western Australian legislation, policies, management plans, codes of practice and manuals from the period 1919-1999: compilation of statements. - Draft. Department of Conservation and Land Management, Western Australia, pp. 2 v..
- Western Australian Herbarium (2002). Woodland watch 2000 and 2002 survey of wheatbelt woodlands. Western Australian Herbarium, pp. 1-11.
- Whitford, K.R., Stoneman, G.L., Connolly, P., Lally, A. and Chester, G.W. (2002). Cost-effectiveness of three methods of applying glyphosate herbicide to jarrah (*Eucalyptus marginata*) standing trees and cut stumps: final report. Department of Conservation and Land Management, Western Australia, pp. 1-15.
- ## Popular (Landscape, Newsletters, Letters, etc.)
- Abbott, I. (2001). Karrak-watch: a summary of information about the forest red-tailed black cockatoo (FRTBC) of south-west Western Australia (Internet URL: <http://science.calm.wa.gov.au/articles/2001-10-04>). pp. 1-19.

(Continued on page 4)

- Coates, D. (2002). Coming of age in forest conservation: Forest conservation genetics: principles and practice, Young, A., D. Boshier and T. Boyle, editors, 2000. CSIRO Publishing (BOOK REVIEW). *Conservation Biology* **16**. pp. 272-273.
- Cochrane, A. and Hickman, E. (2002). Hunters and gatherers for conservation. *Landscape* **17(3)**. pp. 49-54.
- Langley, M. (2002). Sprinklers protect Woodvale's buildings from wildfire. *Conservation News* **Mar.** pp. 3.
- Morris, K. (2001). Indigenous harvesting of turtles. *Marine Conservation Matters* **Nov.** pp. 13.
- Morris, K. and Burbidge, A. (2002). Bountiful Barrow. *Landscape* **17(3)**. pp. 18-24.
- Patrick, S. (2002). Georgina Molloy, a remarkable woman. *Landscape* **17(3)**. pp. 43-48.
- Rye, B. (2002). Pimeleas: the original banksias!. *Western Wildlife: Newsletter of the Land for Wildlife Scheme* **6(2)**. pp. 6-7.
- Sneeuwjagt, R. and Ward, D. (2001). Forest scenes: the Balga grass tree (*Xanthorrhoea* spp.). *Commonwealth Forestry News* **13**. pp. 11.
- Vernes, T. and Robson, K. (2002). Indian sandalwood industry in Australia. *Pacific Islands Forests and Trees Newsletter* **4/01**. pp. 9-12.

### Submitted

- Keighery, G. Salinity and weed potential. *Environmental Weeds Action Network Info Notes*
- Algar, D., Angus, G.J., Fuller, P.J. and Onus, M.L. Operation Wanjarri: optimising feral cat baiting strategies in the arid zone.
- Angus, G.J., Onus, M., Fuller, P.J., Liddel, G. and Ward, B. Comparison of two aerial baiting regimes with respect to bait acceptance by introduced predators and non-target native fauna at the Gibson Desert Nature Reserve, Western Australia. Department of Conservation and Land Management, Western Australia,
- Archibald, R.D., Harper, R.J., Fox, J.E.D., Silberstein, R.P., Robinson, N. and Stilwell, A.T. Growth, survival and salt accumulation in three multi-species tree plantations in the 400-600 mm rainfall zone of Western Australia (ABSTRACT). *In: ASSSI Future Soils Conference, Perth, 2-6 Dec 2002*
- Barrett, S., Shearer, B.L. and Hardy, G.E. St. J. Phytotoxicity in relation to *in planta* concentration of the fungicide phosphite in nine Western Australian species. *Australian Journal of Botany*
- Buist, M.L., Coates, D.J. and Yates, C.J. Rarity and threat in relation to the conservation of *Acacia* in Western Australia. *In: Proceedings of the Acacia Conference*
- Burbidge, A.H. Biodiversity of the Carnarvon Basin. *Western Wildlife: Newsletter of the Land for Wildlife Scheme*

- Burbidge, A.H. Princess parrot. *Nature Australia*
- Burbidge, A.H. Responses of birds to fire in a Mediterranean climate. *In: Fire in South-Western Australian Ecosystems: Impacts and Management*
- Burne, H., Yates, C. and Ladd, P. Pollen limitation constrains population growth in the critically endangered shrub *Grevillea althoferorum*. *Conservation Biology*
- Byrne, M. Discovering our flora's hidden diversity. *Western Wildlife: Newsletter of the Land for Wildlife Scheme*
- Byrne, M. and Broadhurst, L. Development of native germplasm for agroforestry. *In: Proceedings of the 12th Australian Plant Breeding Conference*
- Byrne, M. and Broadhurst, L. Development of native germplasm for agroforestry (ABSTRACT). *In: 12th Australian Plant Breeding Conference*
- Cochrane, A. Ex situ germplasm conservation as a means of biodiversity conservation in salinising landscapes (ABSTRACT). *In: Prospects for Biodiversity and Rivers in Salinising Landscapes: International Conference*
- D'Souza, N., Harper, R., Robinson, N., Stilwell, A. and Archibald, R. Soil carbon: effects of tree establishment on soil quantity and quality (ABSTRACT). *In: ASSSI Future Soils Conference, Perth, 2-6 Dec 2002*
- Dumbrell, I.C. and McGrath, J.F. Biosolids produce significant increases in growth and nutrient status in a Western Australian pine plantation without contamination of groundwater. *In: Proceedings of the Australian Water Association Biosolids Specialty Conference, Sydney, June 2002*
- Dumbrell, I.C. and McGrath, J.F. Growth and nutrient relationships of juvenile *Pinus pinaster* grown on ex-farmland in Western Australia. *Australian Forestry*
- Dumbrell, I., McGrath, J.F. and Fremlin, R.R.A. Impacts of broadscale weed control and fertilisation at establishment on survival and growth of second rotation pines. *In: Proceedings of the 13th Australian Weeds Conference*
- Friend, J.A. Habitat use and spatial organisation of Gilbert's potoroo. *In: Proceedings of the Australian Mammal Society Meeting, July 2002*
- Friend, J.A. and Thomas, N.D. Conservation of the numbat (*Myrmecobius fasciatus*). *In: Predators with Pouches: the Biology of Carnivorous Marsupials*
- Graham, G. and McKenzie, N. Mitchell subregion: NK1: case study. *In: Natural Land and Water Resources Audit publication*
- Hanold, D., Stukely, M. and Randles, J.W. Mundulla yellows : a new dieback threat. *Landscape*
- Harper, R.J., McGrath, J.F. and Edwards, J.G. Quantifying the effect of soil morphology on the performance of *Eucalyptus globulus* plantations established on farmland (ABSTRACT). *In: Proceedings of the Conference on Eucalypt Production 2002*

- Keighery, G.J. Biology, distribution and effects of bridal creeper in Western Australia. *In: Proceedings*
- Keighery, G. The enemy within: native environmental weeds in Western Australia. *In: Proceedings of the 13th Australian Weeds Conference*
- Keighery, G. Taxonomic notes on the *Angianthus drummondii* complex (Asteraceae: Gnaphalinae). *Nuytsia*
- Keighery, G.J. and Keighery, B.J. Floristics of reserves and bushland areas in the Busselton region (System 1). Part V, floristics of the Tuart Forest Reserve. *In: Tuart Workshop Proceedings*
- Lane, J., Clarke, A. and Pearson, G. Waterbirds of Peel-Harvey estuary in 1996-97.
- Maslin, B.R. The role and relevance of taxonomy in the conservation and utilisation of Australian acacias. *CALMScience*
- Maslin, B.R., Miller, J.T. and Siegler, D.S. Overview of the generic status of *Acacia* (Leguminosae: Mimosoideae). *Australian Journal of Botany*
- McCaw, L. Fire behaviour and post-fire response of mallee-heath shrublands: Stirling Range National Park.
- McDonald, M.W., Maslin, B.R. and Thomson, L.A.J. Domestication of wattles with edible seeds for the wheatbelt of Western Australia. *CALMScience*
- McGrath, J.F., Harper, R.J., Dumbrell, I.C. and Robinson, N. Developing sustainable tree cropping systems for water limited environments (ABSTRACT). *In: ASSSI Future Soils Conference, Perth, 2-6 Dec 2002*
- McKenzie, N.L. and Burbidge, A.A. Australian mammal audit: a component of the National Land and Water Resources Biodiversity Audit.
- Miller, J.T., Andrew, R.A. and Maslin, B.R. Towards an understanding of mulga. *Conservation Science*
- Moro, D. Translocation of captive-bred marsupial dibblers (*Parantechinus apicalis*) to Escape Island, Western Australia. *Biological Conservation*
- Morris, K. and Lapwood, M. (2002). 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 April 2002.
- Moy, J. and McKenzie, N. Regional biodiversity summary: Avon wheatbelt. *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Carnarvon. *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Central Kimberley (CK). *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Coolgardie. *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Dampierland (DL). *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Esperance Plains (ESP). *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Gascoyne. *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Geraldton sandplain (GS). *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Gibson Desert (GD). *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Great Sandy Desert (GSD). *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Great Victoria Desert bioregion (in Western Australia). *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Hampton (HAM). *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Jarrah forest. *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Little Sandy Desert (LSD). *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Mallee (MAL). *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Murchison bioregion. *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: North Kimberley. *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Nullarbor. *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Pilbara (PIL). *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Swan Coastal Plain (SWA). *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity summary: Warren bioregion (WAR). *In: Natural Land and Water Resources Audit publication*
- Moy, J. and McKenzie, N. Regional biodiversity

(Continued from page 5)

summary: Yalgoo (YAL). In: *Natural Land and Water Resources Audit publication*

Murphy, D., Webb, B., Harper, R. and Abbott, L. Can tree-crops ensure the sustainability of degraded agricultural systems? (ABSTRACT). In: *ASSSI Future Soils Conference, Perth, 2-6 Dec 2002*

Newbey, B. and Burbidge, A.H. Unusual call of the ground parrot. *Eclectus*

Pinder, A. and Ohtaka, A. Oligochaeta and Aphanoneura. In: *Freshwater invertebrates of Malaysia and Singapore*

Polomka, L. and Patrick, S. Conservation status of rare and poorly known Western Australian flora: annual report to NHT Endangered Species Program 12807.

Robinson, N., Harper, R.J., Archibald, R.D. and Stilwell, A.T. The interaction of tree roots and subsoils (ABSTRACT). In: *ASSSI Future Soils Conference, Perth, 2-6 Dec 2002*

Robinson, N., Harper, R.J. and Smettem, K.E.J. Recharge reduction in salinising landscapes with agroforestry systems (ABSTRACT). In: *Proceedings of the Conference on Eucalypt Production 2002*

Robinson, R.M., Williams, M.R. and Smith, R.H. Incidence of *Armillaria* root disease in karri regrowth forest is underestimated by surveys of above ground symptoms. *Forest Ecology and Management*

Rye, B.L. A revision of south-western Australian species of *Micromyrtus* (Myrtaceae) with a five-ribbed hypanthium. *Nuytsia*

Spriggins, D. Private native forest in the south west of Western Australia. Part 1, a review of legislative, administrative and marketing issues relevant to sustainable management of private native forest in the south west of Western Australia.

Start, A.N. and Handasyde, T. The value of old photographs. *Department of Conservation and Land Management, Western Australia, Wildlife Notes*

Stilwell, A.T., Harper, R.J., Robinson, N. and Archibald, R.D. Phase farming with trees (PFT): the first two years (ABSTRACT). In: *ASSSI Future Soils Conference, Perth, 2-6 Dec 2002*

Wheeler, J.R. Miscellaneous new *Hibbertia* species from the wheatbelt and pastoral areas of Western Australia. *Nuytsia*

Wheeler, M., Byrne, M. and McComb, J.A. Genetic diversity and phylogenetic relationships within *Eucalyptus marginata*. In: *Proceedings of the 12th Australian Plant Breeding Conference*

Wheeler, M., Byrne, M. and McComb, J.A. Genetic diversity and phylogenetic relationships within *Eucalyptus marginata* (ABSTRACT). In: *12th Australian Plant Breeding Conference*

Wheeler, M., Byrne, M. and McComb, J.A. Low levels of differentiation in the subspecies of *Eucalyptus marginata* (ABSTRACT). In: *Molecular Evolution Conference*

Whitford, K. Forest hollows: wildlife homes. *Landscape*

Yates, C.J. and Ladd, P.G. Pollination, demography and extinction vulnerability in a rare granite endemic shrub in south-west Western Australia. *Journal of Ecology*

#### Subject Area Contacts:

Forests & Tree Crops Group Manager,  
John McGrath  
jmcgrath@calm.wa.gov.au  
Ph: 93340303

Biodiversity Conservation Group  
Manager,  
Keith Morris  
keithm@calm.wa.gov.au  
Ph: 94055143

Biological Information Group Manager,  
Neville Marchant  
nevillem@calm.wa.gov.au  
Ph: 93340505

Perth Observatory Manager,  
James Biggs  
jamesbi@calm.wa.gov.au  
Ph: 92938255

Science Adviser,  
Ian Abbott - iana@calm.wa.gov.au  
Ph: 93340526

#### Library Contacts:

Lisa Wright, Woodvale  
lisaw@calm.wa.gov.au  
Ph: 94055132

Kathryn Lee, Kensington  
kathrynl@calm.wa.gov.au  
Ph: 93340324

Beng Siew Mahon, Herbarium  
bengm@calm.wa.gov.au