

# Publications: 1997–1998

## Refereed Papers

Andersen, A.N. (1997) Using ants as bioindicators: multi-scale issues in ant community ecology. *Conservation Ecology* (on line) Vol. 1, p 8.

Andersen, A.N., Morrison, S., Belbin, L., Ashwath, N. & Brennan, K. (1998) The role of ants in minesite restoration in the Kakadu Region of Australia's Northern Territory, with particular reference to their use as bioindicators. Supervising Scientist Report 130, *Supervising Scientist*, Canberra.

Andersen, A.N. & Morrison, S. (in press) Myrmecochory in Australia's seasonal tropics: effects of disturbance on distance dispersal. *Australian Journal of Ecology*.

Andersen, A.N. (submitted) *The Ants of Northern Australia: A Guide to the Monsoonal Fauna*. CSIRO Publishing, Melbourne.

Atchison, J.M., Head, L.M. & McCarthy, L.P. (submitted) Stomatal indices and atmospheric change since 7500BP: evidence from *Eremophila deserti* (Myoporaceae) leaves from the Flinders Ranges region, South Australia. *Australian Journal of Botany*.

Atchison, J.M. & Fullagar, R.K.L. (in press) Starch residues on pounding implements from Jinnium rock shelter. *A Closer Look: Recent Australian Studies of Stone Tools*. Fullagar, R.K.L. (ed.) Sydney University Archaeological Methods, Series No. 6.

Benson, R. (1998) Sustainable land management and adult education: issues for the stakeholders of Australia's tropical savannas. *Australian Journal of Adult and Community Education*, Vol. 38 (1), pp 9-20.

Blanche, K.R., Andersen, A.N. & Ludwig, J.A. (submitted) Responses of ground-active beetle assemblages to experimental fire regimes in an Australian tropical savanna. *Ecology*.

Bowman, D.M.J.S. (1997) Observations on the demography of the Australian Boab (*Adansonia gibbosa*) in the north-west of the Northern Territory, Australia. *Australian Journal of Botany*, Vol. 45, pp 893-904.

Bowman, D.M.J.S. (in press) Death of biodiversity—the urgent need for global ecology. *Global Ecology and Biogeography Letters*.

Bowman, D.M.J.S., Panton, W.J. & Head, J. (in press) Abandoned Orange-footed Scrubfowl (*Megapodius reinwardt*) nests and coastal rainforest boundary dynamics during the late Holocene in monsoonal Australia. *Quaternary International*.

Bowman, D.M.J.S. (in press) Tansley Review: The impact of Aboriginal landscape burning on the Australian biota. *New Phytologist*.

Choquenot, D. & Bowman, D.M.J.S. (in press) Marsupial megafauna, Aborigines and the overkill hypothesis: application of a two species predator prey model to the question of Pleistocene extinction in Australia. *Global Ecology and Biogeography Letters*.

Churchill, T.B. (1998) Spiders as ecological indicators in the Australian tropics: family distribution patterns along rainfall and grazing gradients. *Bulletin of the British Arachnological Society*, Vol. 11, pp 325-330.

- Cook, G.D. & Heerdegen, R. (1997) The length of the rainy season can be more important than the amount of rain for savannas in the Northern Territory. *Australian Collaborative Land Evaluation Program Newsletter*, Vol. 6 (4), pp 18-20.
- Craig, A. (1997) A review of information on the effects of fire in relation to the management of rangelands in the Kimberley high rainfall zone. *Tropical Grasslands*, Vol. 31, pp 161-187.
- Davie, J. & Hynes, R. (1997) Integrating nature conservation and sustainable rural management. *Australian Biologist*, Vol. 10 (4), pp 185-199
- Duff, G.A., Myers, B.A., Williams, R.J., Eamus, D., Fordyce, I. & O'Grady, A. (1997) Seasonal patterns in canopy cover and microclimate in a tropical savanna near Darwin, northern Australia. *Australian Journal of Botany*, Vol. 45, pp 211-224.
- Eamus, D. & Prior, L.D. (1998) Seasonal changes in leaf water characteristics of *Eucalyptus tetrodonta* and *Terminalia ferdinandiana* saplings in a northern Australian savanna. *Australian Journal of Botany*, Vol. 47, pp 1-8.
- Fensham, R.J. & Holman, J.E. (1998) The use of the land survey record to assess changes in vegetation structure. A case study from the Darling Downs, Queensland, Australia. *Rangeland Journal* 20: 132-142.
- Fisher, A., Woinarski, J.C.Z., Churchill, S., Trainor, C., Griffiths, A.D., Palmer, C., & Cooper, N. (in press) Distribution of the rock-dwelling dasyurids *Pseudantechinus bilarni* and *Pseudantechinus ningbing* in the Northern Territory. *NT Naturalist*.
- Fordyce, I., Eamus, D., Duff, G.A., & Williams, R.J. (1997) The role of seedling age and size in the recovery of *Allosyncarpia ternata* following fire. *Australian Journal of Ecology*, Vol. 22, pp 262-269.
- Franklin, D.C., Dostine, P.L., Tidemann, S.C. (in press) Post-juvenile moult strategies of co-existing Gouldian, Long-tailed and Masked Finches. *Corella*.
- Goodfellow, J., Eamus, D., & Duff, G.A. (1997) Diurnal and seasonal changes in the impact of CO<sub>2</sub> enrichment on assimilation, stomatal conductance and growth in a long-term study of *Mangifera indica* in the wet-dry tropics of Australia. *Tree Physiology*, Vol. 17, pp 291-299.
- Grice, A.C., Radford, I.J. & Abbott, B.N. (submitted) Landscape ecology of the invasive *Cryptostegia grandiflora* R. Br.: a qualitative framework and analysis of land resource survey data. *Biological Invasions*. Heerdegen,
- R.G. & Cook, G.D. (submitted) Rainy season length and dry spells in monsoonal Australia. *Journal of Climate*.
- Hoffmann, B.D., Andersen, A.N. & Hill, G.J.E. (submitted) Impact of an introduced ant on native rainforest invertebrates: *Pheidole megacephala* in monsoonal Australia. *Oecologia*.
- Kriticos, D., Brown, J., Radford, I. & Nicholas, M. (submitted) Biological control of invasive perennial plants in rangeland ecosystems: *Acacia nilotica* as a case study. *Biological Control*.
- Ludwig, J.A., Eager, R.W., Williams, R.J. & Lowe, L.M. (submitted) Declines in vegetation patches, plant diversity and grasshopper diversity near cattle watering points in the Victoria River District, northern Australia. *Rangeland Journal*.
- Ludwig, J.A., Tongway, D.J., Williams, R.J. & Cook, G.D. (in press) Fine-scale patchiness in savanna landscapes along the North Australian Tropical Transect. *Landscape Ecology*.

Menges, C.H. (submitted) Use of airborne video data for the characterisation of tropical savannas in northern Australia: the optimal spatial resolution for remote sensing applications. *International Journal of Remote Sensing*.

Menges, C.H., van Zyl, J.J., Ahmad, W., & Hill, G.J.E. (submitted) A procedure for the correction of the effect of variation in local incidence angle on AIRSAR data. *International Journal of Remote Sensing*.

Menges, C.H., Hill, G.J.E., & Ahmad, W. (1998) LANDSAT TM data and potential feeding grounds for threatened marine turtle species in northern Australia. *International Journal of Remote Sensing*, Vol. 19 (6), pp 1207-1221.

Menges, C.H., Ahmad, W., Khwaja, Z.H., & Hill, G.J.E. (1996) Merging minimum distance to mean and maximum likelihood algorithms for classifying *Mimosa pigra* in northern Australia. *Asian-Pacific Remote Sensing Journal*, Vol. 9 (1), pp 51-59.

Myers, B.A., Williams, R.J., Fordyce, I., Duff, G.A. & Eamus, D. (1998) Does irrigation affect leaf phenology in deciduous and evergreen trees of the savannas of northern Australia? *Australian Journal of Ecology*, Vol. 23, pp 329-339.

Myers, B.A., Duff, G.A., Eamus, D., Williams, R.J., Fordyce, I. & O'Grady, A. (1997) Seasonal variation in water relations of trees in a tropical savanna near Darwin, northern Australia. *Australian Journal of Botany*, Vol. 45, pp 225-240.

Palmer, C., & Woinarski, J.C.Z. (in press) Seasonal roosts and foraging movements of the black flying fox *Pteropus alecto* in the Northern Territory: resource tracking in a landscape mosaic. *Wildlife Research*.

Rose, D. (1998) Signs of Life on a Barbarous Frontier: Intercultural Encounters in North Australia. *Humanities Research*, Spring.

Runcie, M.J. (in press) Movements, dens and feeding behaviour of the tropical Scaly-tailed Possum (*Wyulda squamicaudata*). *Wildlife Research*.

Runcie, M.J. (1997) Defensive behaviour in the Death Adder (*Acanthophis praelongus*). *Herpetofauna*, Vol. 27 (2).

Russell-Smith, J., Ryan, P.G., Klessa, D., Waight, G. & Harwood, R. (in press) Fire frequency and firesensitive vegetation of the sandstone Arnhem Plateau, monsoonal northern Australia. *Journal of Applied Ecology*.

Schulze, E.-D., Williams, R.J., Farquhar, G.D., Schulze, W., Langridge, J., Miller, J. & Walker, B.H. (1998) Carbon and nitrogen isotope discrimination and nitrogen nutrition of trees along a rainfall gradient in northern Australia. *Australian Journal of Plant Physiology*, Vol. 25, pp 413-425.

Setterfield, S.A. (1997) The impact of experimental fire regimes on seed production in two tropical eucalypt species in northern Australia. *Australian Journal of Ecology*, Vol. 22, pp 279-287.

Thomas, D.S., Turner, D.W., & Eamus, D. (1998) Independent effects of the environment on the leaf gas exchange of three banana (*Musa* spp.) cultivars of different genomic constitution. *Scientia Horticulturae*, Vol. 67, pp 1-15.

Williams, R.J., Cook, G.D., Gill, A.M. & Moore, P.H.R. (in press) Fire regime, fire intensity and tree survival in a tropical savanna in northern Australia. *Australian Journal of Ecology*.

Williams, J. & Eamus, D. (1997) Plant ecophysiology: linking patterns and processes - a review. *Australian Journal of Botany*, Vol. 45, pp 311-318.

Williams, R.J., Myers, B.A., Muller, W.J., Duff, G.A. & Eamus, D. (1997) Leaf phenology of woody species in a northern Australian tropical savanna. *Ecology*, Vol. 78, pp 2542-2558.

Woinarski, J.C.Z., Reichel, H. & Andersen, A.N. (submitted) The distribution of ants on the Wessel and English Company Islands, in the seasonal tropics of Australia's Northern Territory. *Australian Journal of Zoology*.

Woinarski, J.C.Z. (in press) The conservation status of rodents in the Top End of the Northern Territory. *Wildlife Research*.

Woinarski, J.C.Z., Horner, P., Fisher, A., Brennan, K., Lindner, D., Gambold, N., Chatto, R. & Morris, I. (in press) Distributional patterning of terrestrial herpetofauna on the Wessel and English Company Island groups, north-eastern Arnhem Land, Northern Territory, Australia. *Australian Journal of Ecology*.

Woinarski, J.C.Z., Brennan, K., Cowie, I., Fisher, A., Latz, P.K. & Russell-Smith, J. (in press) Vegetation of the Wessel and English Company Islands, northeastern Arnhem Land, Northern Territory, Australia. *Australian Journal of Botany*.

Woinarski, J.C.Z., Reichel, H. & Andersen, A.N. (in press) The distribution of ants on the Wessel and English Company Islands, in the seasonal tropics of Australia's Northern Territory. *Australian Journal of Zoology*.

Woinarski, J.C.Z., Gambold, N., Wurst, D., Flannery, T.F., Smith, A.P., & Chatto, R. (in press) Distribution and habitat of the Northern Hopping Mouse *Notomys aquilo*. *Wildlife Research*.

Woinarski, J.C.Z., Brock, C., Fisher, A., Milne, D., & Oliver, B. (in press) Response of birds and reptiles to fire regimes on pastoral land in the Victoria River District, Northern Territory. *Rangeland Journal*.

## Books or Chapters

Bowman, D.M.J.S. (in press) *Australian rainforest: scattered and burnt*. Cambridge University Press. Grice, A.C. & Brown, J.R. (1997) Managed fire to control the impacts on northern Australian plant communities of the invasive shrub *Cryptostegia grandiflora*. In *Conservation Outside Nature Reserves*, Hale, P. & Lamb, D. (eds), pp 356-358. Centre for Conservation Biology, University of Queensland.

Griffiths, T., & Robin, L. (eds) (1997) *Ecology and Empire: Environmental History of Settler Societies*. Melbourne University Press, Melbourne.

Griffiths, T. (1997) Ecology and Empire: Towards an Australian History of the World. In *Ecology and Empire: Environmental History of Settler Societies*, Griffiths, T. & Robin, L. (eds), pp 1-16, Melbourne University Press, Melbourne.

Horner, P. & Fisher, A. (in press). *Ctenotus rimacola* sp. nov. (Scincidae), a new species of lizard with two allopatric subspecies, from the Ord-Victoria region of northwestern Australia. In *Records of the Western Australian Museum*.

Hynes, R.A. (in press) Dalrymple Shire—A Case Study. In *Queensland State of Environment Report*. Queensland Department of Environment.

James, C.D., Stafford Smith, M., Landsberg, J., Fisher, A., Tynan, R., Maconochie, J. & Woinarski, J. (in press) Biograzing - melding off-reserve conservation of native species with animal production in Australian rangelands. In *Nature Conservation—managing the matrix*. Surrey Beatty, Sydney.

Robin, L. (ed) (1997) Ecology: a science of empire? In *Ecology and Empire: Environmental History of Settler Societies*. Melbourne University Press, Melbourne.

Rose, D. & Clarke, A. (eds) (1998) *Tracking Knowledge: Studies in North Australian Landscapes*. NARU, Darwin.

Rose, D. (in press) Hard times, an Australian Study. In *Quicksands: Foundational Histories in Australia and Aotearoa New Zealand*, Neumann, K. & Thomas, N. (eds). Rose, D. (in press) Indigenous Ecologies and an Ethic of Connection. In *Global Ethics for the 21<sup>st</sup> Century*, Low, N. (ed). Routledge.

Rose, D. (in press) Sacred Site, Ancestral Clearing, and Environmental Ethics. In *Emplaced Myth: The Spatial and Narrative Dimensions of Knowledge in Aboriginal and Papua New Guinea Societies*, Rumsey, A. & Wiener, J. (eds).

Rose, D. (1998) The Year Zero and the North Australian Frontier. In *Tracking Knowledge in North Australian Landscapes*, Rose, D. & Clarke, A. (eds). NARU, Darwin.

Rose, D. (1998) Introduction. In *Tracking Knowledge in North Australian Landscapes*, Rose, D. & Clarke, A. (eds). NARU, Darwin.

Rose, D. (1998) Ned Kelly Died for Our Sins. In *Religious Business, Essays on Australian Aboriginal Spirituality*, Charlsworth, M. (ed.), pp 103-119. Cambridge University Press (reprint).

Rose, D. (1997) Dark times and excluded bodies in the colonisation of Australia. In *The Resurgence of Racism: Hanson, Howard and the Race Debate*, Gray, G. & Winter, C. (eds), pp 97-116. Monash Publications in History, Monash University..

Williams, R.J., Cook, G.D., Ludwig, J.L. & Tongway, D. (1997) Torch, trees, teeth and tussocks: disturbance in the tropical savannas of the Northern Territory (Australia). In *Frontiers in Ecology, Building the Links*, Klomp, N. & Lunt, I. (eds), pp 55-66. Elsevier, Oxford.

Woinarski, J.C.Z. & Dawson, F. (in press) Limitless lands and limited knowledge: coping with uncertainty and ignorance in northern Australia. In *Ecology, Uncertainty and Policy: managing ecosystems for sustainability*, Norton, T.W., Handmer, J.W. & Dovers, S.R. (eds). Longmans, London.

## Conference and Workshop Papers

\*Ahmad, W., Khwaja, Z.H., Menges, C.H., Hill, G.J.E., Williams, R.J. & Cook, G.D. (in press) Airborne Radar as an input to conventional remote sensing in the Kidman Springs area of the Northern Territory. NARGIS 97. In *Proceedings of the 3<sup>rd</sup> North Australian Remote Sensing and GIS Workshop*, April 1997.

\*Ahmad, W., van Zyl, J.J., Menges, C., O'Grady, A. & Hill, G.J.E. (1998) Preliminary results of supervised and unsupervised AIRSAR data classification techniques in the tropical savannas of northern Australia. *PACRIM Airborne Synthetic Aperture Radar (AIRSAR) Workshop*, 26-28 July, Sydney.

\*Ahmad, W., Williams, R.J., Cook, G.D. & Hill, G.J.E. (1997) Synthetic aperture radar and environmental gradients in the Northern Territory, Australia. The environment, data and land cover types. In *Proceedings of the International Workshop on Radar image processing and applications*, Milne, A.K. (ed), COSSA Publication No. 40, pp 21-24. CSIRO, Canberra.

Andersen, A.N. (1997) Fire research for conservation management in Australia's tropical savannas: introducing the Kapalga fire experiment. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W. (eds), pp 39-44. CSIRO, Darwin.

Blake, P., Kirby, G.W.M. & Hooper, K. (1997) Northern Australian Regional Developments. Paper to the 1997 Northern Australian Regional Outlook Conference, 24 September, Darwin.

Bowman, D.M.J.S. & Panton, W.J. (1997) Abandoned Orange-footed Scrubfowl (*Megapodius reinwardt*) nests and coastal rainforest boundary dynamics through the late Holocene in monsoonal Australia. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W. (eds), pp 18-23. CSIRO, Darwin.

Cook, G.D., Andersen, A.N., Blanche, K.R., Churchill, T.B., Ludwig, J.A., Williams, R.J., & Tongway, D. (1998) Indicators of ecosystem change along the North Australian Tropical Transect. *The Earth's Changing Land: Abstracts of the GCTE-LUCC Open Science Conference on Global Change*, 14-18 March 1998, Barcelona, Spain.

\*Cook, G.D., Ludwig, J.A., Williams, R.J. & Tongway, D. (1998) Ecological patterns and processes along the North Australian Tropical Transect. *The Earth's Changing Land: Abstracts of the GCTE-LUCC Open Science Conference on Global Change*, 14-18 March 1998, Barcelona, Spain.

Cook, G.D. & Mordet, P. (1997) A tale of two savannas: The effects of fire on vegetation patterns in West Africa and the Northern Territory. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W. (eds), pp 45-50. CSIRO, Darwin.

Cook, G.D., Ronce, O. & Williams, R.J. (in press) Suppress thy neighbour: The paradox of a successful grass that is highly flammable, but harmed by fire. In *Proceedings, 13th Conference on Fire and Forest Meteorology*, International Association of Wildland Fire, October 1996, Lorne.

Craig, A. (1997) Fire management issues in Kimberley pastoral lands. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W. (eds), pp 227-232. CSIRO, Darwin.

Craig, A. (1998) Fire and vegetation. In *Proceedings of the Fourth North Australia Fire Manager's Workshop*, Saint, P. & Russell-Smith, J. (eds), Kalumburu, WA, pp 12-14. Bush Fires Board WA, Western Australia Lotteries Commission, TS-CRC, Darwin.

Dyer, R. (1997) Maintaining a balance: managing fire, trees and pasture on pastoral land in the Victoria River District, Northern Territory. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W. (eds), pp 233. CSIRO, Darwin.

Grice, A.C. (1997) Fire for the strategic management of rubbervine (*Cryptostegia grandiflora*), an invasive shrub. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W. (eds), pp 239-244. CSIRO, Darwin.

Hynes, R.A. (1998) Developing a cooperative regional management study as part of the Desert Uplands Community Scheme for DUBDSC with the Tropical Savannas CRC. In *Proceedings Desert Upland Technical Workshop*, June 1997. TS-CRC, Townsville.

Hynes, R.A. (ed) (1998) *Proceedings of Desert Uplands Technical Workshop*, June 1997. TS CRC, JCU, Townsville.

Hynes, R.A. (1998) Using geographic information systems in planning for sustainable land management at regional and property levels. In *Proceedings of Desert Uplands Technical Workshop*, June 1997. TS CRC, JCU, Townsville.

Jacklyn, P. & Russell-Smith, J. (eds) (1998) *Proceedings from the North Australia Fire Management Workshop*. TS CRC, Darwin.

Lane, A.M. & Williams, R.J. (1997) The effect of wet season burning on understorey vegetation in a humid tropical savanna in northern Australia. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W. (eds), pp 25-30. CSIRO, Darwin.

\*Ludwig, J.A. & Tongway, D.J. (1997) Modelling scale-dependent process and impacts of agricultural disturbances on tropical savanna ecosystems in northern Australia. In *Proceedings, International Congress on Modelling and Simulation, MODSIM97*, 8-11 December 1997, University of Tasmania, Hobart.

\*Ludwig, J.A. & Tongway, D.J. (1997) Viewing rangelands as landscape systems. In *Abstracts of the International Workshop on Rangeland Desertification*, 16-19 September 1997, Iceland.

Ludwig, J.A. & Tongway, D.J. (1997) Modelling scale-dependent processes and impacts of agricultural disturbances on tropical savanna ecosystems. In *Proceedings, International Congress on Modelling and Simulation*, McDonald, A.D. & McAleer, M. (eds), Vol. 4, pp 1875-1880. Modelling and Simulation Society of Australia, Canberra.

\*Menges, C.H., Ahmad, W., Khwaja, Z.H., Hill, G.J.E. & Cook, G.D. (1997) The role of remote sensing in monitoring the management of a *Mimosa pigra* stand in the Northern Territory. NARGIS 97.

In *Proceedings of the 3rd North Australian Remote Sensing and GIS Workshop*, Cairns.

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Monypenny, R. (1998) Cost and Benefits of the Development of a Cattle Property. In *proceedings of Desert Uplands Technical Workshop*, June 1997. TS-CRC, JCU, Townsville.

Monypenny, R. (1997) Sustainable Development of Tropical Savannas. In *Proceedings of the Third Australian and New Zealand Systems Conference*, Wollin, A. & Ricketts, K. (eds), pp 146-154, October, University of Queensland, Gatton.

Monypenny, R. (1997) The approaches, issues and outcomes of regional studies of the savannas of northern Australia. In *Proceedings, International Congress on Modelling and Simulation*, McDonald, A.D. & McAleer, M. (eds), pp 498-501, December, Hobart.

Robinson, C.J. (1997) Nature and Encounter: Early Colonial Interactions with the Coastal North. In *Proceedings of the Symposium on Northern Landscapes in Story and History Symposium*, December 1997, Darwin.

Rose, D. (1997) Indigenous ecological knowledge and the scientific community. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W. (eds), pp 69-74. CSIRO, Darwin.

Russell-Smith, J. (1997) Developing a coordinated fire management and research program for northern Australia: the role of the CRC for Tropical Savannas. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W.M. (eds), pp 12-17. CSIRO, Darwin.

Russell-Smith, J. (1997) The relevance of indigenous fire practice for contemporary land management practice: an example from western Arnhem Land. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W.M. (eds), pp 81-85. CSIRO, Darwin.

Russell-Smith, J. (1998) Traditional resource management using fire in the Kalumburu region. In *Proceedings of the Fourth North Australia Fire Manager's Workshop*, Saint, P. & Russell-Smith,

J. (eds), Kalumburu, WA, pp 9-11. Bush Fires Board WA, Western Australia Lotteries Commission, TS-CRC.

Ryan, P.G. (1997) Spatial and temporal fire regime variability under differing management practices in the North West Kimberley, Western Australia. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W. (eds), pp 251-256. CSIRO, Darwin.

Saint, P. (1997) Real time satellite imagery and the land manager. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W. (eds), pp 247-250. CSIRO, Darwin.

Saint, P. & Russell-Smith, J. (eds) (1998) *Proceedings of the Fourth North Australia Fire Manager's Workshop*, Kalumburu, WA. Bush Fires Board WA, Western Australia Lotteries Commission, TS CRC.

Southgate, R., Allan, G., Paltridge, R., Masters, P. & Nano, T. (1997) Management and monitoring of bilby populations with the application of remote sensed rainfall and fire patterns: preliminary results. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W.M. (eds), pp 140-145. CSIRO, Darwin.

Whitehead, P.J. & McGuffog, T. (1997) Fire and vegetation pattern in a tropical floodplain grassland: a description from the Mary River, monsoonal northern Australia and its implications for wetland management. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W.M. (eds), pp 115- 120. CSIRO, Darwin.

Williams, R.J. (1997) Fire and floral phenology in a humid tropical savanna at Kapalga, Kakadu National Park, northern Australia. In *Bushfire '97 Proceedings*, McKaige, B.J., Williams, R.J. & Waggitt, W. (eds), pp 54-59. CSIRO, Darwin.

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Williams, R.J. & Cook, G.D. (1998 in press) Fire and trees in the savannas of the World Heritage Kakadu National Park, northern Australia. Fire Management: Shifting the Paradigm from Suppression to Prescription, Brennan, L. (ed), *20<sup>th</sup> Tall Timbers Fire Ecology Conference*. Tall Timbers Research Station, Tallahassee, Florida.

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## Reports

*Natural Resources and Development in the Daly River–Sturt Plateau Region of the Tropical Savannas of the Northern Territory* was prepared as a guide to focus groups discussions. The report provides an information base on the current production, ecology and policy of the region. Black, N. & Clark, A. (1998) *Tourism in North West Queensland: 1996. Tourist Characteristics, Numbers and Travel Flows*. TS CRC, JCU, 63 pp.



- Bowman, D.M.J.S. & Milne, D.J. (1998) *Rainforest triage; exploration of methodologies to identify rainforest patches in need of immediate management*. Report prepared for the Heritage Commission, Canberra.
- Calvert, G. & Hynes, R. (1998) *High Range Burning: An Assessment of Origin, Size and Spread of Grassfires on the High Range Training Area 1980-1997*. Report to the ADF. TS–CRC, Townsville.
- Cook, P.G., Herczeg, A.L., Pidsley, D. & Farrow, R. (1998) Hydrological investigation at Howard East, NT. 2. Soil physics and groundwater geochemistry. Technical report 13/98.
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- Hatton, T.J., Pidsley, D., Held, A.A., Reece, P.H., Richardson, D.P., Kerle, E. & O’Grady, A.O. (1997) *Hydrological investigation at Howard East, NT. 1. Eucalypt savanna site transpiration and evaporation 1994-1996*. Technical report 25/97.
- Head, L., Fullagar, R., Tacon, P., Price, D., Atchison, J., Ouzman, S. & Mulvaney, K. (1997) *Prehistoric Aboriginal Landscapes in the Keep River Region, NT*. Report for the Marralam Community and Warringarri Aboriginal Corporation on 1996 fieldwork and research.
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CRC core researchers are underlined where non-centre researchers have contributed to the publication. An \* indicates an invited paper.