

SCIENCE COMMUNICATIONS

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Science Division Mission: The provision of up-to-date and scientifically sound information to uphold effective evidence-based conservation of biodiversity and sustainable natural resource management in Western Australia
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Science Communications lists titles of publications, reports etc prepared by Science Division staff. This issue is for the period January- July 2011.

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Margaret Byrne
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Journal Publications

- Abbott I (2011). The importation, release, establishment, spread and early impact on prey animals of the red fox, *Vulpes vulpes* in Victoria and adjoining parts of south-eastern Australia. *Australian Zoologist* **35**, 463-533
- Alacs EA, Spencer PBS, de Tores PJ, Krauss SL (2011). Population genetic structure of island and mainland populations of the quokka, *Setonix brachyurus* (Macropodidae): a comparison of AFLP and microsatellite markers. *Conservation Genetics* **12**, 297-309
- Batista V, Gould A, Dieters S, Dong S., Bond I, Beaulieu JP et al. [Martin R, Williams A] (2011). MOA-2009-BLG-387Lb: a massive planet orbiting an M dwarf. *Astronomy and Astrophysics* **529**, A102 (p. 1-20)
- Burbidge AH, Maron M, Clarke MF, Baker J, Oliver DL, Ford G (2011). Linking science and practice in ecological research: how can we do it better?. *Ecological Management and Restoration* **12**, 54-60
- Byrne M, Stone L (2011). The need for duty of care when introducing new crops for agriculture. *Current Opinion in Environmental Sustainability* **3**, 50-54
- Cole AJ, Lawton RJ, Pratchett MS, Wilson SK (2011). Chronic coral consumption by butterflyfishes. *Coral Reefs* **30**, 85-93
- Crawford AD, Plummer JA, Probert RJ, Steadman KJ (2011). The influence of cone age on the relative longevity of *Banksia* seeds. *Annals of Botany* **107**, 303-309
- Davis RW, Butcher R (2011). Valid publication of *Ptilotus stirlingii* subsp. *australis* (Amaranthaceae). *Nuytsia* **21**, 31-32
- Faivre N, Roche P, Boer MM, McCaw L, Grierson PF (2011). Characterization of landscape pyrodiversity in Mediterranean ecosystems: contrasts and similarities between south-western Australia and south-eastern France. *Landscape Ecology* **26**, 557-571
- Farmer BM, Wilson S (2011). Diet of finfish targeted by fishers in north west Australia and the implications for trophic cascades. *Environmental Biology of Fishes* **91**, 78-85
- Fukiharu T, Bougher NL, Buchanan PK, Suzuki A, Tanaka C, Sagara N (2011). *Coprinopsis austrophlyctidospora* sp. nov., an agaric ammonia fungus from southern hemisphere plantations and natural forests. *Mycoscience* **52**, 137-142
- Gibson LA (2011). The importance of incorporating imperfect detection in biodiversity assessments: a case study of small mammals in an Australian region. *Diversity and Distributions* **17**, 613-623
- Glen AS, Pennay M, Dickman CR, Wintle BA, Firestone KB (2011). Diets of sympatric native and introduced carnivores in the Barrington Tops, eastern Australia. *Austral Ecology* **36**, 290-296
- Gosper CR, Yates CJ, Prober SM, Williams MR (2011). Fire does not facilitate invasion by alien annual grasses in an infertile Australian agricultural landscape. *Biological Invasions* **13**, 533-544
- Gould JS, McCaw WL, Cheney NP (2011). Quantifying fine fuel dynamics and structure in dry eucalypt forest (*Eucalyptus marginata*) in Western Australia for fire management. *Forest Ecology and Management* **262**, 531-546
- Graham NAJ, Chabanet P, Evans RD, Jennings S, Letourneur Y, MacNeil MA et al. [Wilson SK] (2011). Extinction vulnerability of coral reef fishes. *Ecology Letters* **14**, 341-348
- Hardwick KA, Fiedler P, Lee LC, Pavlik B, Hobbs RJ, Aronson J et al. [Coates D] (2011). The role of botanic gardens in the science and practice of ecological restoration. *Conservation Biology* **25**, 265-275

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- Hendrati R, Byrne M, Barbour E, Plummer J (2011). Effect of genetic relatedness among parents on gain in salt tolerance in progeny of crosses of *Eucalyptus occidentalis*. *Silvae Genetica* **60**(2), 45-55
- Hollis JJ, Anderson WR, McCaw WL, Cruz MG, Burrows ND, Ward B et al. (2011). The effect of fireline intensity on woody fuel consumption in southern Australian eucalypt forest fires. *Australian Forestry* **74**, 81-96
- Hollis JJ, Matthews S, Anderson WR, Cruz MG, Burrows ND (2011). Behind the flaming zone: predicting woody fuel consumption in eucalypt forest fires in southern Australia. *Forest Ecology and Management* **261**, 2049-2067
- Huisman JA, Kendrick AJ, Rule MJ (2011). Benthic algae and seagrasses of the Walpole and Nornalup Inlets Marine Park. *Journal of the Royal Society of Western Australia* **94**, 29-44
- Jung T, Stukely MJC, Hardy GE St J, White D, Paap T, Dunstan WA, Burgess TI (2011). Multiple new *Phytophthora* species from ITS clade 6 associated with natural ecosystems in Australia: evolutionary and ecological implications. *Persoonia* **26**, 13-39
- Keighery G (2011). *Prunus* (Rosaceae or Amygalaceae) in Western Australia. *Australian Systematic Botany Newsletter* **144**(5), 36-37
- Keighery G (2011). *Psylliostachys* (Plumbaginaceae) in Western Australia. *Australian Systematic Botany Newsletter* **144** (5), p. 35.
- Keighery G, Keighery B (2011). Hidden treasures: documenting localised variants of the flora of the Swan Coastal Plain. *Australasian Plant Conservation* **19**, 19-20
- Kinal J, Stoneman GL (2011). Hydrological impact of two intensities of timber harvest and associated silviculture in the jarrah forest in south-western Australia. *Journal of Hydrology* **399**, 108-120
- Lin S-M, Yang S-Y, Huisman JM (2011). Systematic revision of the genera *Liagora* and *Izziella* (Liagoraceae: Rhodophyta) from Taiwan based on molecular analyses and carposporophyte development, with the description of two new species. *Journal of Phycology* **47**, 352-365
- Macfarlane TD, Case AL (2011). *Wurmbea fluviatilis* (Colchicaceae), a new riverine species from the Gascoyne region of Western Australia. *Nuytsia* **21**, 25-30
- McMullan-Fisher SJM, May TW, Robinson RM, Bell TL, Lebel T, Catcheside P et al. (2011). Fungi and fire in Australian ecosystems: a review of current knowledge, management implications and future directions. *Australian Journal of Botany* 70-90
- Millar MA, Byrne M, O'Sullivan W (2011). Defining entities in the *Acacia saligna* (Fabaceae) species complex using a population genetics approach. *Australian Journal of Botany* **59**, 137-148
- Mora C, Aburto-Oropeza O, Ayala Bocos A, Ayotte PM, Bank S, Bauman AG et al. [Wilson SK] (2011). Global human footprint on the linkage between biodiversity and ecosystem functioning in reef fishes. *PLoS Biology* **9**, 1-9
- O'Donnell AJ, Boer MM, McCaw WL, Grierson PF (2011). Vegetation and landscape connectivity control wildfire intervals in unmanaged semi-arid shrublands and woodlands in Australia. *Journal of Biogeography* **38**, 112-124
- Oberoi D, Matthews LD, Cairns IH, Emrich D, Lobzin V, Lonsdale CJ et al. [Williams A] (2011). First spectroscopic imaging observations of the sun at low radio frequencies with the Murchison widefield array prototype. *Astrophysical Journal Letters* **728**, L27 (1-15)
- Onton K, Page CA, Wilson SK, Neale S, Armstrong S (2011). Distribution and drivers of coral disease at Ningaloo reef, Indian Ocean. *Marine Ecology Progress Series* **433**, 75-84
- Pacioni C, Wayne AF, Spencer PBS (2011). Effects of habitat fragmentation on population structure and long-distance gene flow in an endangered marsupial: the woylie. *Journal of Zoology* **283**, 98-107
- Parsons BC, Gosper CR (2011). Contemporary fire regimes in a fragmented and an unfragmented landscape: implications for vegetation structure and persistence of the fire-sensitive malleefowl. *International Journal of Wildland Fire* **20**, 184-194
- Pryor LD, McCaw WL, Grierson PF, Murphy BP, Bowman DMJS (2011). Population structures of the widespread Australian conifer (*Callitris collumellaris*) are a bio-indicator of continental environmental change. *Forest Ecology and Management* **262**, 252-262
- Roy R, Kumar B, Moskvitin AS, Benetti S, Fatkhullin TA, Kumar B et al. [Martin R] (2011). SN 2008gz: most likely a normal type IIP event. *Monthly Notices of the Royal Astronomical Society* **414**, 167-183

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- Shearer BL, Crane CE (2011). Habitat suitability of soils from a topographic gradient across the Fitzgerald River National Park for invasion by *Phytophthora cinnamomi*. *Australasian Plant Pathology* **40**, 168-179
- Stone LM, Byrne M (2011). Comparing the outputs of five weed risk assessment models implemented in Australia: are there consistencies across models?. *Plant Protection Quarterly* **26**, 29-35
- Thiele K (ed) (2011). *Nuytsia*. Volume 21(1), pages 1-34, 2011. Department of Environment and Conservation, Kensington, WA. 34 p.
- Thiele KR (2011). Removal of the informal name *Epiblema grandiflorum* var. *cyaneum* ms from the Census of Western Australian Plants. *Nuytsia* **21**, 33-34
- Veilleux HD, van Herwerden L, Evans RD, Travers MJ, Newman SJ (2011). Strong genetic subdivision generates high genetic variability among eastern and western Australian populations of *Lutjanus carponotatus* (Richardson). *Fisheries Research* **108**, 74-80
- Waters C, Melville G, Coates D, Virgona J, Young A, Hacker R (2011). Variation in morphological traits among and within populations of *Austrodanthonia caespitosa* (Gaudich.) H.P. Linder and four related species. *Australian Journal of Botany* **59**, 324-335
- Webala P, Craig MD, Law BS, Armstrong KN, Wayne AF, Bradley JS (2011). Bat habitat use in logged jarrah eucalypt forests of south-western Australia. *Journal of Applied Ecology* **48**, 398-406
- Williams MR (2011). Habitat resources, remnant vegetation condition and area determine distribution patterns and abundance of butterflies and day-flying moths in a fragmented urban landscape, south-west Western Australia. *Journal of Insect Conservation* **15**, 37-54
- Wittkuhn RS, McCaw L, Wills AJ, Robinson R, Andersen AN, van Heurck P et al. [Farr J, Liddelow G, Cranfield R] (2011). Variation in fire interval sequences has minimal effects on species richness and composition in fire-prone landscapes of south-west Western Australia. *Forest Ecology and Management* **261**, 965-978
- Woinarski JCZ, Legge S, Fitzsimons JA, Traill BJ, Burbidge AA, Fisher A et al. [McKenzie NL, Radford I] (2011). The disappearing mammal fauna of northern Australia: context, cause, and response. *Conservation Letters* **4**, 192-201
- Zub M, Cassan A, Heyrovský D, Fouqué P, Stempels HC, Albrow MD et al. [Martin R, Williams A] (2011). Limb-darkening measurements for a cool red giant in microlensing event OGLE 2004-BLG-482. *Astronomy and Astrophysics* **525**, A15 (p. 1-12)

Conference/Workshop Papers/Posters

- Burrows N (2011). From fire science to fire management to protect communities and conservation values. In: *Wildfire 2011: the 5th International Wildland Fire Conference, 9-13 May 2011, South Africa: Living with Fire: Addressing Global Change through Integrated Fire Management: Sun City, South Africa, 9-13 May 2011* pp. 1-10. Conference Organising Committee, Sun City.
- Gould J, McCaw L, Cruz M, Anderson W (2011). How good are fire behaviour models? Validation of eucalypt forest fire spread model. In: *Wildfire 2011: the 5th International Wildland Fire Conference, 9-13 May 2011, South Africa: Living with Fire: Addressing Global Change through Integrated Fire Management: Sun City, South Africa, 9-13 May 2011* pp. 1-6. Conference Organising Committee, Sun City.
- Wittkuhn RS, McCaw L, Wills AJ, Robinson R, Andersen AN, van Heurck P, Farr J, Liddelow G, Cranfield R, Burrows ND (2011). Resilience of open forests and shrublands to contrasting fire interval sequences in a Mediterranean environment of south-west Western Australia. In: *Wildfire 2011: the 5th International Wildland Fire Conference, 9-13 May 2011, South Africa: Living with Fire: Addressing Global Change through Integrated Fire Management: Sun City, South Africa, 9-13 May 2011* pp. 1-11. Conference Organising Committee, Sun City.

Abstracts

- Gibson N (2011). Where might metallophytes be hiding in the flora of Western Australia (ABSTRACT). In: *Metallophyte Plants: a Threatened and Unrealised Resource Hidden in our Biodiversity: an Institute of Advanced Studies Workshop, 8-10 February 2011, University of Western Australia* p. 1.
- Gosper C, Yates C, Prober S (2011). Restoring an appropriate fire regime to fragmented vegetation: a vital attributes approach. Paper presented at the 4th International Fire Ecology and Management Congress: Fire as a Global Process Available at: <http://fireecology.net/past-conferences/10-4thcongress.html>. Department of Environment and Conservation, Kensington, WA.

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Guthrie NA, Weir T, Will K (2011). Patterns of richness: ground-dwelling beetles of the Pilbara (POSTER). In: *Australian Entomology Society Conference 26th-30th September 2010* p. 1. Conference Organising Committee, Perth.

Keighery G, Keighery B (2011). Hidden treasures: documenting localised variants of the flora of the Swan Coastal Plain (ABSTRACT). In: *Australian Network for Plant Conservation Conference, Perth* p. 1.

Wills A, Hooper R (2011). Decline and recovery of wandoo crowns involving the beetle *Cisseis fascigera* (Buprestidae) (POSTER). Department of Environment and Conservation, Kensington, WA. 1 poster

Reports/Chapters

Burrows N (2011). Using observers on horseback to monitor bilby (*Macrotis lagotis*) and other animal activity at Lorna Glen: results of a trial carried out 29-31 March 2011. Department of Environment and Conservation, Kensington, WA. 11 p.

Burrows N, Butler R (2011). A fire management plan for Lorna Glen (Matuwa) and Earahedy (Karara Karara) 2011-2015. Department of Environment and Conservation, Kensington, WA. 33 p.

Burrows N, Liddelow G (2011). Lorna Glen introduced predator monitoring: data summary, 23-27 June 2011. Department of Environment and Conservation, Kensington, WA. 4 p.

Clarke A, Lane J, Jaensch R (2011). Surveys of waterbirds in selected wetlands of south-western Australia in spring-summer 2009-10, with further assessment of changes in habitat and waterbird usage over 2-3 decades. Department of Environment and Conservation, Busselton. 109 p.

Hamilton N, Rolfe J (2011). Assessment of introduced predator presence within the Perup Sanctuary, Western Australia. Department of Environment and Conservation, Woodvale, WA. 7 p.

Lane JAK, Clarke AG, Winchcombe YC (2011). Depth, salinity and temperature profiling of Vasse-Wonnerup wetlands in 1998-2000. 73 p.

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Leung A, Pinder A, Edward D (2011). Photographic guide and keys to the larvae of Chironomidae (Diptera) of south-west Western Australia: key to subfamilies and Tanypodinae. Draft v1. Department of Environment and Conservation, Woodvale, WA. 31 p.

Markey A, Wilkins C, Allen J, Kern S, Rathbone D (2011). Report on the conservation status of 74 taxa from the Ravensthorpe Range. Department of Environment and Conservation, Kensington, WA. 214 p.

McCaw L, Wittkuhn R (2011). Southern forest and shrubland mosaic. Fire Management Guideline **E8**, Department of Environment and Conservation, Kensington, WA. 19 p.

Onus M, Rolfe J (2011). Removal of feral cats within the fenced area at Big Lagoon, Peron Peninsula. Department of Environment and Conservation, Kensington, WA. 14 p.

Onus ML, Rolfe JK, Algar D (2011). Assessment of feral cat abundance and control options at Barrick, Granny Smith, May 2011. Department of Environment and Conservation, Woodvale, WA. 16 p.

Penniford M, Pinder A (2011). South-west forest stream biodiversity monitoring: Forest management plan 2004-2013, key performance indicator 20: interim report. Department of Environment and Conservation, Woodvale, WA. 207 p.

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Robinson R (2011). Recognising the symptoms of *Armillaria* root disease. Department of Environment and Conservation, Kensington, WA. 12 p.

Robinson R, Tunsell V (comps) (2011). ForestCheck: report of progress, 2009-10. 120 p.

Popular (Landscape, Newsletters, Letters, etc.)

Abbott I (2011). Renaming names. *Field Nats News* **210**, p. 4.

Algar D, Hilmer S, Onus M, Hamilton N, Moore J (2011). New national park to be cat free. *Landscape* **26(3)**, 39-45

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- Bondin A, Comer S, Burbidge A (2011). Conserving kyloring : the challenge to save Australia's newest parrot species from extinction. *Wingspan* **21(2)**, 18-20
- Burbidge A (2011). Australia's western ground parrot: will it survive the ravages of introduced predators? Available at: <http://bushwarriors.wordpress.com/2011/01/28/enigmatic-and-unusual-bird-on-the-bink-of-extinction-australia%e2%80%99s-western-ground-parrot-will-it-survive-the-ravages-of-introduced-predators-and-bushfires/>. Bush Warriors, New York. 10 p.
- Burbidge A (2011). Book review: Parrots of the world. *Western Australian Bird Notes* **137**, 8-9
- Burbidge A, Mather S (eds) (2011). Western Australian bird notes: quarterly newsletter of Birds Australia Western Australia. No. 137, March 2011. 42 p.
- Burbidge A, Mather S (eds) (2011). Western Australian bird notes: quarterly newsletter of Birds Australia Western Australia. No. 138, June 2011. 42 p.
- Cochrane A, Barrett S, Crane C, Dunne C, Hartley R, Freebury G (2011). Last chance to see : banksias of the south coast of Western Australia. *Landscape* **26(4)**, 17-22
- Comer S, Butler S, Burbidge A (2011). Ground parrots and bushfire, again!. *Western Australian Bird Notes* **138**, 17-18
- Cranfield RJ (2011). Cryptogam of the month, February 2011: *Bryum lanatum*. p. 1. Department of Environment and Conservation, Manjimup.
- Gamblin T, Bishop C, Williams M, Williams A (2011). Graceful sun-moth (*Synemon gratiosa*). Department of Environment and Conservation, Western Australia, Science Division, Information Sheet **41**, Department of Environment and Conservation, Kensington, WA. 2 p.
- Huisman J, Dixon R (2011). Northern exposure. *Landscape* **26(4)**, 10-16
- Johnson B (2011). Rakali: the Aussie otter. *Landscape* **26(3)**, 6-9
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- Keighery G, Keighery B (2011). Pauline Fairall (Bond): a botanist of two continents. *Australian Systematic Botany Society Newsletter* **144(5)**, 27-28
- Klunzinger M, Pinder A, Cale D, Lymbery A (2011). Piggyback on a fish: the marsupial freshwater mussel tells it tale. *Landscape* **26(4)**, 46-47
- Robinson R (2011). Fungus of the month, April 2011: *Marasmius elegans*. p. 1. Department of Environment and Conservation, Manjimup.
- Robinson R (2011). Fungus of the month, January 2011: *Russula* sp. 'multicolor'. p. 1. Department of Environment and Conservation, Manjimup.
- Robinson R (2011). Fungus of the month, June 2011: *Lactarius eucalypti*. p. 1. Department of Environment and Conservation, Manjimup.
- Robinson R (2011). Fungus of the month, March 2011: *Russula adusta*. p. 1. Department of Environment and Conservation, Manjimup.
- Robinson R (2011). Fungus of the month, May 2011: *Anthracobia muelleri*. Department of Environment and Conservation, Manjimup.
- Wayne A, Moore J (2011). The jewel in the crown: Perup and the upper Warren. *Landscape* **26(3)**, 10-17
- Wilson S, Holmes T (2011). Reef fish and corals: unlocking the secrets. *Landscape* **26(3)**, 18-22

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- Moir ML, Vesk PA, Brennan KEC, Hughes L, Keith DA, McCarthy MA, Coates DJ, Barrett S Avoiding coextinction of insects associated with the *ex situ* conservation of host plants.
- Köhler F The camaenid species of the Kimberley islands, Western Australia (Stylommatophora: Helicoidea). *Malacologia*
- Nistelberger H, Byrne M, Gibson N Contrasting evolutionary histories in two phylogeographic lineages of a widespread, woody shrub in Western Australia (ABSTRACT). In: *Genetics Society of AustralAsia Conference*
- Keighery G, Keighery B, Longman V Wetlands vegetation and flora. In: *Sate Wetland management manual*
- Algar D, Hilmer S, Johnston M Proposed management plan for cats on Christmas Island (ABSTRACT). In: *Vertebrate Pest Conference Proceedings*
- Algar D, Hilmer S, Johnston M Proposed management plan for cats on Christmas Island, Western Australia. In: *European Vertebrate Pest Management Conference, Berlin, Germany*

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- Bougher NL Fungi-fauna linkages in Western Australia: potoroos and beetles (ABSTRACT). In: *Fungimap VI conference*
- Bougher NL Fungi of Perth's Banksia woodlands. In: *Perth's Banksia Woodlands: Precious and Under Threat. Proceedings of the Banksia Woodland Symposium* Urban Bushland Council,
- Bougher NL New records of fungi and slime moulds at Kings Park, Perth, Western Australia. *Western Australian Naturalist*
- Burgess T, Stukely M, Jung T, White D, Huberli D, Hardy G Molecular characterisation of a Phytophthora hybrid swarm in native ecosystems and waterways in Western Australia. In: *Australasian Plant Pathology Society : 18th Biennial Conference, Darwin, NT, 26-29 April 2011*
- Burrows N, Dunlop J, Burrows S Using observers on horseback to monitor bilbies (*Macrotis lagotis*) reintroduced to central Western Australia. *Australian Mammalogy*
- Butcher R, Byrne M, Crayn D So near yet so far: evolutionary relationships among rare *Tetratheca* species endemic to banded ironstone ranges in Western Australia (ABSTRACT). In: *Conference proceedings: IBC2011, XVIII International Botanical Congress, Melbourne Australia July 23rd-30th*
- Byrne M, Coates D, Millar M Assessing patterns of genetic diversity: essential data for implementing plant reintroduction strategies (ABSTRACT). In: *Society for Conservation Biology Conference*
- Byrne M, Steane D, Joseph L, Yeates D, Jordan G, Crayn D et al. Decline of a biome: contraction, fragmentation, extinction and invasion of the Australian mesic zone biota. *Journal of Biogeography*
- Byrne M, Yates C, Coates D, Elliott C, Gibson N, Sampson J et al. [Millar M] Restoring and maintaining genetic connections in a landscape context (ABSTRACT). In: *Genetics Society of AustralAsia Conference*
- Cale DJ, McCormick C, Lyons MN, Pinder AM (2011). State Salinity Strategy wetland biodiversity monitoring report: Lake Wheatfield 1997-2009. Department of Environment and Conservation, Woodvale, WA. 62 p.
- Campbell R, Holley D, Bardi-Jawi Ranger Group Movement behaviours and habitat usage of west Kimberley dugongs: a community based approach.
- Caton W A dietary assessment for the occurrence of mammalian prey from the perentie (*Varanus giganteus*) on Barrow Island, Western Australia. *Australian Journal of Herpetology*
- Chapman AR A new species of *Monotoca* (Ericaceae: Styphelioideae: Styphelieae) from the south coast of Western Australia. *Nuytsia*
- Coates D The future of plant diversity (ABSTRACT). In: *Conference proceedings: IBC2011, XVIII International Botanical Congress, Melbourne Australia July 23rd-30th*
- Comer S, Burbidge A Fire management at Two Peoples Bay-Mt Manypeaks, Western Australia. *Ecological Management & Restoration*
- Comer S, Tiller C, Burbidge A, Berryman A, Utber D Integrated predator management on the south coast of Western Australia. *Ecological Management & Restoration*
- Cowan MA, Edinger D, Coate K A biodiversity assessment in the southern rangelands (central Murchison bioregion) of Western Australia: Black Range and Lake Mason ex-pastoral stations. *Conservation Science*
- Cowan MA, Harris D, Ho K, Whitehead T (2011). Development of ethically-acceptable techniques for invertebrate wet pit trapping: summary report for DEC Science Division. Department of Environment and Conservation, Woodvale, WA.
- Davis RW *Ptilotus parviflorus*, a new combination in *Ptilotus* (Amaranthaceae). *Nuytsia*
- Davis R, Brown A, Byrne M, Coates D, McComb J, Gage C A review of *Adenanthos pungens*, Proteaceae. *Nuytsia*
- Davis R, Tauss C A new and rare species of *Ptilotus* (Amaranthaceae) from a suburban wetland of the eastern Swan Coastal Plain. *Nuytsia*
- Davison EM *Amanita ochroterrea* and *Amanita brunneiphylla*, one species or two?. *Australasian Mycologist*
- de Tores P, Himbeck K, MacArthur B, Cocking J, Maxwell M, White EP et al. Survivorship of a threatened species, the woylie or brush-tailed bettong (*Bettongia penicillata ogilbyi*), reveals the need to monitor the effectiveness of standard operating procedures. *Conservation Biology*
- Farr JD, Wills AJ Field testing Desire® Delta trap and GLS sex pheromone lure system for measuring outbreak and basal populations of *Uraba lugens*. *Australian Journal of Forestry*

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- Gibson N *Labichea rossii* (Fabaceae: Caesalpinioideae), a new species from the Yilgarn Ranges, Western Australia. *Nuytsia*
- Gosper Carl R Birds of Lake Magenta, and Dunn Rock and Lake King : important bird areas. *Australian Field Ornithology*
- Hilmer SS, Algar D, Nickels DG, Nickels AJ Registration of domestic cats on Christmas Island prior to an eradication program for stray and feral cats. *Biological Invasions*
- Hislop M New, locally endemic taxa in *Leucopogon* from the Perth and midwest regions of Western Australia. *Nuytsia*
- Hislop M A reinstatement and a new combination in *Leucopogon*. *Nuytsia*
- Huisman JM Illogical etymology and the curious case of *Ceramium*. *Phycological Newsletter*
- Huisman JM The last frontier: the marine benthic flora of north-western Australia. In: *International Botanical Congress, Melbourne, July 2011*
- Johnston M, Algar D, O'Donoghue M, Morris J, Gigliotti F Field efficacy of the Curiosity® bait for feral cats at mainland sites (ABSTRACT). In: *Vertebrate Pest Conference Proceedings*
- Jung T, Burgess T, Huberli D, Hardy G, Stukely M *Phytophthora fluvialis* T.Jung & T.I.Burgess, sp. nov. - (Fungal Planet (Website)). *Fungal Planet (Website ? peer reviewed & edited)*
- Keighery G *Banksia* woodlands: a Perth icon. In: *Banksia Woodlands Symposium*
- Keighery G Common trees of the south-west forests. *DEC Bushbook Series* Department of Environment and Conservation, Western Australia, Bush Books
- Keighery G Taxonomic Notes on *Bossiaea* (Bossieae: Fabaceae) from Western Australia. *Nuytsia*
- Keighery G Trees of the goldfields. *DEC Bush Books* Department of Environment and Conservation, Western Australia, Bush Books
- Keighery G Two new species and a new combination in *Hypocalymma* (Myrtaceae). *Nuytsia*
- Keighery G Wildflowers of the mid west. *DEC Bush Books* Department of Environment and Conservation, Western Australia, Bush Books
- Keighery G, Lyons M A new species of *Angianthus* (Asteraceae: Gnaphaliinae) from south-west Western Australia. *Nuytsia*
- Le Souëf AT, Stojanovic D, Burbidge AH, Vitali SD, Heinsohn R, Dawson R, Warren KS An evaluation of transmitter attachment methods for black cockatoos (*Calyptorhynchus* spp.). *Wildlife Research*
- Lin SM, Yang SY, Huisman JM Systematic revision of *Liagora* (Nemaliales: Rhodophyta) with diffuse gonimoblasts from the northwestern Pacific Ocean, including a description of *Neoizziella asiatica* gen. & sp. nov. and *N. divaricata* comb. nov., based on rbcL sequence analysis and carposporophyte development. *European Journal of Phycology*
- Llorens T, Byrne M, Yates C, Nistelberger H, Coates D Resolving the influence of different aspects of habitat fragmentation on mating patterns and pollen dispersal in the bird pollinated *Banksia sphaerocarpa* var. *caesia*. *Molecular Ecology*
- Macfarlane TD, Brown AP Unexpected richness of *Wurmbea* species in midwest, Murchison and Gascoyne rangelands, Western Australia. *Australasian Plant Conservation*
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SPP 001 - Taxonomy of selected families in-
cluding legumes, grasses and lilies.
Supervisor: Terry Macfarlane

SPP 003 - Spatial variation in the functional
morphology of mangroves in the Shark Bay
World Heritage Area
Supervisors: Michael Rule / Alan Kendrick

SPP 004 - Northern Goldfields Calcrete survey
- Phase 1
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