

# SCIENCE COMMUNICATIONS

No. 38 (January 2016)

Science & Conservation 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

*Science Communications* lists titles of publications, reports etc prepared by staff of the Science and Conservation Division. This issue is for the period August 2015-January 2016.

If you require a copy of a **submitted** paper please contact the author. For nearly all other titles a PDF link is included. Any problems with access please contact [Library@DPaW.wa.gov.au](mailto:Library@DPaW.wa.gov.au)

Margaret Byrne  
Director

## Journal Publications

- Bain K, Wayne A, Bencini R (2015). Risks in extrapolating habitat preferences over the geographical range of threatened taxa: a case study of the quokka (*Setonix brachyurus*) in the southern forests of Western Australia *Wildlife Research* **42**, 334-342 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19783.pdf>
- Barrett RL (2015). Examining range disjunctions in Australian *Terminalia* (Combretaceae) with taxonomic revision of the *T. canescens* and *T. cunninghamii* species complexes *Australian Systematic Botany* **28**, 23-45 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19788.pdf>
- Barrett RL (2015). Fifty new species of vascular plants from Western Australia: celebrating fifty years of the Western Australian Botanic Garden at Kings Park *Nuytsia* **26**, 3-20 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080057-26.002.pdf>
- Barrett RL, Barrett MD (2015). Twenty-seven new species of vascular plants from Western Australia *Nuytsia* **26**, 21-87 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080057-26.003.pdf>
- Barrett RL, Barrett MD, Duretto MF (2015). Four new species of *Boronia* (Rutaceae) from the Kimberley region of Western Australia *Nuytsia* **26**, 89-109 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080057-26.004.pdf>
- Barrett RL, Barrett MD, Kenneally KF, Lowrie A (2015). Four new species of *Stylidium* (Stylidiaceae) from the Kimberley region of Western Australia *Nuytsia* **26**, 127-141 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080057-26.006.pdf>
- Barrett RL, Hopper SD, Macfarlane TD, Barrett MD (2015). Seven new species of *Haemodorum* (Haemodoraceae) from the Kimberley region of Western Australia *Nuytsia* **26**, 111-125 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080057-26.005.pdf>
- Barrett RL, Palmer J (2015). A new species of *Gomphrena* (Amaranthaceae) from the Bonaparte Archipelago, Western Australia *Nuytsia* **26**, 143-147 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080057-26.007.pdf>
- Barrett RL, Telford IRH (2015). Two new species of *Phyllanthus* from northern Australia and notes on *Phyllanthus*, *Sauropus* and *Synostemon* (Phyllanthaceae) in Western Australia *Nuytsia* **26**, 149-166 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080057-26.008.pdf>
- Bengsen AJ, Algar D, Ballard G, Buckmaster T, Comer S, Fleming PJS *et al.* [Friend JA] (2016). Feral cat home-range size varies predictably with landscape productivity and population density *Journal of Zoology* **298**, 112-120 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19855.pdf>
- Ceriani SA, Roth JD, Tucker AD, Evans DR, Addison DS, Sasso SR *et al.* (2015). Carry-over effects and foraging ground dynamics of a major loggerhead breeding aggregation *Marine Biology* **162**, 1955-1968 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19789.pdf>
- Coates DJ, McArthur SL, Byrne M (2015). Significant genetic diversity loss following pathogen driven population extinction in the rare endemic *Banksia brownii* (Proteaceae) *Biological Conservation* **192**, 353-360 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19820.pdf>
- Cochrane A (2015). Introducing the Australian Seed Bank Partnership *Australasian Plant Conservation* **24(2)**, p. 22. <http://library.dpaw.wa.gov.au/static/StaffOnly/C19817.pdf>
- Coker DJ, Hoey AS, Wilson SK, Depczynski M, Graham NAJ, Hobbs J-PA *et al.* [Holmes TH] (2015). Habitat selectivity and reliance on live corals for Indo-Pacific hawkfishes (family Cirrhitidae) *PLoS One* **10**, 1-17 <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19806.pdf>
- Cruz MG, Gould JS, Alexander ME, Sullivan AL, McCaw WL, Matthews S (2015). Empirical-based models for predicting head-fire rate of spread in Australian fuel types *Australian Forestry* **78**, 118-158 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19798.pdf>
- Hayward MW, Poh ASL, Cathcart J, Churcher C, Bentley J, Herman K *et al.* [Friend JA] (2015). Numbat nirvana: conservation ecology of the endangered numbat (*Myrmecobius fasciatus*) (Marsupialia: Myrmecobiidae) reintroduced to Scotia and Yookamurra Sanctuaries, Australia *Australian Journal of Zoology* **63**, 258-269 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19800.pdf>
- Hohnen R, Tuft KD, Legge S, Radford IJ, Carver S, Johnson CN (2015). Post-fire habitat use of the golden-backed tree-rat (*Mesembriomys macrurus*), in the northwest Kimberley, Western Australia *Austral Ecology* **40**, 941-952 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19775.pdf>
- Holloway-Phillips MM, Huai H, Cochrane A, Nicotra AB (2015). Differences in seedling water-stress response of two co-occurring *Banksia* species *Australian Journal of Botany* **63**, 647-656 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19822.pdf>

(Continued on page 2)

(Continued from page 1)

Huisman J (2016). The Age of Discovery is still with us *Journal of Phycology* **52**, 37-39 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19854.pdf>

Keighery G (2015). The status of *Bidens* (Asteraceae) in Western Australia and Australia *Australasian Systematic Botany Society Newsletter* **162/163**, 27-29 <http://library.dpaw.wa.gov.au/static/StaffOnly/624667-162.002.pdf>

Keighery G (2015). The life of Ernest Bickford: an addendum *Australasian Systematic Botany Society Newsletter* **164**, p. 17. <http://library.dpaw.wa.gov.au/static/StaffOnly/624667-164.001.pdf>

Kock K, Algar D, Searle JB, Pfenninger M, Schwenk K (2015). A voyage to Terra Australis: human-mediated dispersal of cats *Evolutionary Biology* **15**, 1-10 <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19828.pdf>

Koeyers A, Koeyers J, Tucker AD (2015). *Chelonia mydas* (green sea turtle) predation *Herpetological Review* **46**, p. 240. <http://library.dpaw.wa.gov.au/static/StaffOnly/C19778.pdf>

Marques I, Montgomery SA, Barker MS, Macfarlane TD, Conran JG, Catalán P *et al.* (submitted). Transcriptome-derived evidence supports recent polyploidization and a major phylogeographic division in *Trithuria submersa* (Hydatellaceae: Nymphaeales) *New Phytologist* <http://library.dpaw.wa.gov.au/static/StaffOnly/C19813.pdf>

Moir ML, Hitchen Y, Gardner MG, Coates DJ, Kennington WJ (2015). Isolation and characterisation of 14 polymorphic microsatellite loci for the plant-louse *Trioza barrettae* (Hemiptera: Triozidae) *Australian Journal of Zoology* **63**, 201-203 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19782.pdf>

Morán-Ordóñez A, Pavlova A, Pinder AM, Sim L, Sunnucks P, Thompson RM *et al.* (2015). Aquatic communities in arid landscapes: local conditions, dispersal traits and landscape configuration determine local biodiversity *Diversity and Distributions* **21**, 1230-1241 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19707.pdf>

Ottewell KM, Bickerton DC, Byrne M, Lowe AJ (2016). Bridging the gap: a genetic assessment framework for population-level threatened plant conservation prioritization and decision-making *Diversity and Distributions* **22**, 174-188 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19842.pdf>

Perry CT, Murphy GN, Graham NAY, Wilson SK, Januchowski-Hartley FA, East HK (2015). Remote coral reefs can sustain high growth potential and match future sea-level trends *Nature: Scientific Reports* **5**, 1-8 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19814.pdf>

Rix MG, Edwards DL, Byrne M, Harvey MS, Joseph L, Roberts JD (2015). Biogeography and speciation of terrestrial fauna in the south-western Australian biodiversity hotspot *Biological Reviews* **90**, 762-793 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19635.pdf>

Rye BL, Barrett RL, Barrett MD, Bruhl JJ, Clarke KL, Wilson KL (2015). Five new species and a new combination in Cyperaceae from the Kimberley region of Western Australia *Nuytsia* **26**, 167-184 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080057-26.009.pdf>

Servis JA, Lovewell G, Tucker AD (2015). Diet analysis of subadult Kemp's ridley (*Lepidochelys kempii*) sea turtles from west-central Florida *Chelonian Conservation and Biology* **14**, 173-181 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19825.pdf>

Shepherd KA, Thiele KR, Sampson J, Coates D, Byrne M (2015). A rare, new species of *Atriplex* (Chenopodiaceae) comprising two genetically distinct but morphologically cryptic populations in arid Western Australia: implications for taxonomy and conservation *Australian Systematic Botany* **28**, 234-245 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19832.pdf>

Thiele KR (2015). *Hibbertia paranthera* (Dilleniaceae), a remarkable new species from the Prince Regent River in Western Australia *Nuytsia* **25**, 307-312 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080057-25.026.pdf>

Thiele KR, Cockerton G (2015). A revision of the *Hibbertia hypericoides* species group (Dilleniaceae) *Nuytsia* **25**, 285-300 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080057-25.024.pdf>

Thiele KR, Webb M (2015). Preface to *Nuytsia* Volume 26, a special issue celebrating 50 years of the Western Australian Botanic Garden *Nuytsia* **26**, 1-2 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080057-26.001.pdf>

Thiele KR, Weston PH, Mast AR (2015). Paraphyly, modern systematics and the transfer of *Dryandra* into *Banksia* (Proteaceae): a response to George *Australian Systematic Botany* **28**, 194-202 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19809.pdf>

Wardell-Johnson GW, Calver M, Burrows N, Di Virgilio G (2015). Integrating rehabilitation, restoration and conservation for a sustainable jarrah forest future during climate disruption *Pacific Conservation Biology* **21**, 175-185 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19797.pdf>

Wayne AF, Maxwell MA, Ward CG, Vellios CV, Williams MR, Pollock KH (2016). The responses of a critically endangered mycophagous marsupial (*Bettongia penicillata*) to timber harvesting in a native eucalypt forest *Forest Ecology and Management* **363**, 190-199 <http://library.dpaw.wa.gov.au/static/StaffOnly/C19830.pdf>

Wege JA (2015). A taxonomic revision of the *Styloidium brunonianum* alliance (sect. *Saxifragoidea*: Styliaceae) *Nuytsia* **25**, 313-342 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080057-25.027.pdf>

### Conference/Workshop Papers/Posters

Algar D, Johnston M, O'Donoghue M, Quinn J (2015). What is in the pipeline? Eradicat®, Curiosity® and other tools In *2015 National Feral Cat Management Workshop Proceedings: University of Canberra, Australia, 21-22 April, 2015* (eds J Tracey, C Lane, P Fleming *et al.*). pp. 80-84. Invasive Animals Cooperative Research Centre, Canberra. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19794.pdf>

Algar D, Morris K (2015). Eradication of feral cats from Western Australian islands: success stories In *2015 National Feral Cat Management Workshop Proceedings: University of Canberra, Australia, 21-22 April, 2015* (eds J Tracey, C Lane, P Fleming *et al.*). pp. 112-116. Invasive Animals Cooperative Research Centre, Canberra. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19793.pdf>

(Continued on page 3)

(Continued from page 2)

Johnson S, Whiting S, Pracy D, Norman L, li-Anthawirriyarra Sea Ranger Unit, Harvey R *et al.* (2015). Narnu-yuwa ki-wundanyukawu (law for the sea turtle): delivering wide ranging ecological, social and economic outcomes from threatened species monitoring In *Proceedings of the Second Australian and Second Western Australian Marine Turtle Symposia: Perth, 25-27 August 2014* (comps SD Whiting & A Tucker). pp. 47-49. Department of Parks and Wildlife, Kensington, WA. <http://library.dpaw.wa.gov.au/static/FullTextFiles/026652.003.pdf>

Klazenga N, Thiele K (2015). KeyBase: teaching old keys new tricks. Poster presented at the Taxonomic Databases Working Group (TDWG) annual meeting, Nairobi, September 2015 Royal Botanic Gardens, Victoria, Melbourne. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19792.pdf>

Lambert K, Hoenner X, Enever G, Mamarika P, Lalara S, Lalara R *et al.* [Whiting S] (2015). Satellite tracking of hawksbill turtles on Groote Eylandt In *Proceedings of the Second Australian and Second Western Australian Marine Turtle Symposia: Perth, 25-27 August 2014* (comps SD Whiting & A Tucker). pp. 54-55. Department of Parks and Wildlife, Kensington, WA. <http://library.dpaw.wa.gov.au/static/FullTextFiles/026652.005.pdf>

Read J, Moseby K, Peacock D, Wayne A (2015). Grooming traps and toxic trojans for targeted poisoning of feral cats (available and potential new tools for control of feral cats) In *2015 National Feral Cat Management Workshop Proceedings: University of Canberra, Australia, 21-22 April, 2015* (eds J Tracey, C Lane, P Fleming *et al.*). pp. 85-88. Invasive Animals Cooperative Research Centre, Canberra. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19796.pdf>

Tucker T, Whiting S, Mitchell N, Berry O, FitzSimmons N, Pendoley K (2015). The Kimberley Marine Turtle Project under the Western Australian Marine Sciences Institution (WAMSI) In *Proceedings of the Second Australian and Second Western Australian Marine Turtle Symposia: Perth, 25-27 August 2014* (comps SD Whiting & A Tucker). pp. 79-81. Department of Parks and Wildlife, Kensington, WA. <http://library.dpaw.wa.gov.au/static/FullTextFiles/026652.010.pdf>

Whiting S, Tucker T (2015). Planning for the future: constraints and opportunities for long-term monitoring of marine turtles in Western Australia In *Proceedings of the Second Australian and Second Western Australian Marine Turtle Symposia: Perth, 25-27 August 2014* (comps SD Whiting & A Tucker). pp. 88-90. Department of Parks and Wildlife, Kensington, WA. <http://library.dpaw.wa.gov.au/static/FullTextFiles/026652.012.pdf>

Woinarski JCZ, Morris K, Ritchie EG (2015). Draft national targets for feral cat management: towards the effective control of feral cats in Australia: targets with teeth In *2015 National Feral Cat Management Workshop Proceedings: University of Canberra, Australia, 21-22 April, 2015* (eds J Tracey, C Lane, P Fleming *et al.*). pp. 13-27. Invasive Animals Cooperative Research Centre, Canberra. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19795.pdf>

Young E, Whiting S, Tucker T, Bobojcov A, Williams C, Badal A *et al.* (2015). Eighty Mile Beach turtle monitoring program: past, present and future In *Proceedings of the Second Australian and Second Western Australian Marine Turtle Symposia: Perth, 25-27 August 2014* (comps SD Whiting & A Tucker). pp. 94-95. Department of Parks and Wildlife, Kensington, WA. <http://library.dpaw.wa.gov.au/static/FullTextFiles/026652.013.pdf>

## Abstracts

Anderson B, Barrett M, Grierson P, Krauss S, Thiele K (2015). Using genotyping by sequencing to resolve evolutionary relationships in a species complex of Australian arid zone grasses (*Triodia*) (ABSTRACT) In *Australasian Systematic Botany Society Annual Conference, Canberra 2015: Building Our Botanical Capital: Program and Abstracts* p. 13. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19833.pdf>

Barrett R (2015). Keys to the Kimberley flora: transitioning from hardcopy to E-floras (ABSTRACT) In *Australasian Systematic Botany Society Annual Conference, Canberra 2015: Building Our Botanical Capital: Program and Abstracts* p. 14. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19834.pdf>

Barrett R, Ottewell K, Byrne M, Coates D, Thiele K (2015). The tangled web of Australian spider flowers: a multifaceted approach to understanding the evolution of the Australian Cleome clade (ABSTRACT) In *Australasian Systematic Botany Society Annual Conference, Canberra 2015: Building Our Botanical Capital: Program and Abstracts* p. 14. <http://library.dpaw.wa.gov.au/static/StaffOnly/C19835.pdf>

Bentley BP, Mitchell NJ, Whiting S, Berry O (2015). Adaptive capacity of marine turtles to a warming climate: a full transcriptomic analysis (ABSTRACT) In *Proceedings of the Second Australian and Second Western Australian Marine Turtle Symposia: Perth, 25-27 August 2014* (comps SD Whiting & A Tucker). p. 15. <http://library.dpaw.wa.gov.au/static/FullTextFiles/026652.001.pdf>

Dexter N, Wayne A, Hudson M, Carter T (2015). Irruptive dynamics of Australian marsupials recovering from fox control (ABSTRACT) *Newsletter of the Australian Mammal Society* **Oct**, p. 19. <http://library.dpaw.wa.gov.au/static/StaffOnly/922419-2015.02.001.pdf>

English V (2016). Subtropical and temperate coastal saltmarsh: distribution, threats, protection. PowerPoint presentation at WA Wetland Management Conference 2 February 2016 21 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19851.pdf>

Field S (2015). Turtles and the oiled wildlife response in Western Australia: a collaboration between industry and government (ABSTRACT) In *Proceedings of the Second Australian and Second Western Australian Marine Turtle Symposia: Perth, 25-27 August 2014* (comps SD Whiting & A Tucker). p. 24. <http://library.dpaw.wa.gov.au/static/FullTextFiles/026652.002.pdf>

Fox E, Douglas TK, Gosper CR, Watson SJ, Chapman A (2015). Fire and the bird communities of the Great Western Woodlands: 300 years in the making (ABSTRACT) In *Australasian Ornithological Conference 2015: Flinders University, Adelaide, South Australia: AOC Adelaide 2015, 25th-29th November 2015* p. 36. <http://library.dpaw.wa.gov.au/static/StaffOnly/C19823.pdf>

Gardner A, Shepherd KA, Johnson E, Menz J, Michener P, Fitz Gerald JN *et al.* (2015). Exploring floral diversity in the core Goodeniaceae In *Australasian Systematic Botany Society Annual Conference, Canberra 2015: Building Our Botanical Capital: Program and Abstracts* p. 30. <http://library.dpaw.wa.gov.au/static/StaffOnly/C19837.pdf>

(Continued on page 4)

(Continued from page 3)

King J, Middlebrook R, Whittington A, Cowan M, Whiting S (2015). Assessment of feral animal predation associated with flatback nesting beaches at Mundabullangana Station (ABSTRACT) In *Proceedings of the Second Australian and Second Western Australian Marine Turtle Symposia: Perth, 25-27 August 2014* (comps SD Whiting & A Tucker). p. 52. <http://library.dpaw.wa.gov.au/static/FullTextFiles/026652.004.pdf>

Mitchell N, Stubbs J, Whiting S, Kearney M (2015). Sand temperatures at a major flatback rookery suggest a masculinising trend in recent decades (ABSTRACT) In *Proceedings of the Second Australian and Second Western Australian Marine Turtle Symposia: Perth, 25-27 August 2014* (comps SD Whiting & A Tucker). p. 58. <http://library.dpaw.wa.gov.au/static/FullTextFiles/026652.006.pdf>

Pinder A, Lane J, Lyons M, Cale D (2015). Aquatic fauna of the seasonal wetlands in Wandoo National Park. PowerPoint presentation at Seasonal Clay-Based Wetlands Workshop: Wandoo National Park: Friday 13 November 2015, Margaret Forrest Centre, John Forrest National Park 19 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19827.pdf>

Prince RIT (2015). The leatherback turtle (*Dermochelys coriacea*) in Western Australian waters (ABSTRACT) In *Proceedings of the Second Australian and Second Western Australian Marine Turtle Symposia: Perth, 25-27 August 2014* (comps SD Whiting & A Tucker). p. 66. <http://library.dpaw.wa.gov.au/static/FullTextFiles/026652.007.pdf>

Puente-Lelievre C, Hislop M, Potter B, Thornhill A, Freyman W, Kron K *et al.* (2015). A detailed phylogenetic classification of Ericaceae: are we there yet? (ABSTRACT) In *Australasian Systematic Botany Society Annual Conference, Canberra 2015: Building Our Botanical Capital: Program and Abstracts* p. 20. <http://library.dpaw.wa.gov.au/static/StaffOnly/C19836.pdf>

Tedeschi J, Kennington J, Berry O, Whiting S, Meekan M, Mitchell N (2015). Responses of heat shock genes in loggerhead turtle embryos (*Caretta caretta*) exposed to thermal stress (ABSTRACT) In *Proceedings of the Second Australian and Second Western Australian Marine Turtle Symposia: Perth, 25-27 August 2014* (comps SD Whiting & A Tucker). p. 74. <http://library.dpaw.wa.gov.au/static/FullTextFiles/026652.008.pdf>

Thiele K (2015). This changes everything: an eFlora platform for Australasia In *Australasian Systematic Botany Society Annual Conference, Canberra 2015: Building Our Botanical Capital: Program and Abstracts* p. 32. <http://library.dpaw.wa.gov.au/static/StaffOnly/C19838.pdf>

Thiele K (2015). Progress towards a decadal plan for Australasian biodiversity science: an update In *Australasian Systematic Botany Society Annual Conference, Canberra 2015: Building Our Botanical Capital: Program and Abstracts* <http://library.dpaw.wa.gov.au/static/StaffOnly/C19838.pdf>

Thums M, Whiting SD, Reisser JW, Pendoley KL, Proietti M, Pattiaratchi CB *et al.* (2015). Artificial light on water attracts turtle hatchlings during their offshore migration (ABSTRACT) In *Proceedings of the Second Australian and Second Western Australian Marine Turtle Symposia: Perth, 25-27 August 2014* (comps SD Whiting & A Tucker). p. 76. <http://library.dpaw.wa.gov.au/static/FullTextFiles/026652.009.pdf>

Wege J, Armbruster WS, Evans S, Wagstaff S, Forest F (2015). Triggering new insights into a remarkable genus: the *Styliidium* phylogeny and pollination project (ABSTRACT) In *Australasian Systematic Botany Society Annual Conference, Canberra 2015: Building Our Botanical Capital: Program and Abstracts* p. 34. <http://library.dpaw.wa.gov.au/static/StaffOnly/C19840.pdf>

Whiting AU, Prophet M, Barnes P, Whiting S (2015). Distinguishing between tracks and clutches for nesting turtles: how survey techniques and uncertainty impact abundance estimates and trend detection (ABSTRACT) In *Proceedings of the Second Australian and Second Western Australian Marine Turtle Symposia: Perth, 25-27 August 2014* (comps SD Whiting & A Tucker). p. 87. <http://library.dpaw.wa.gov.au/static/FullTextFiles/026652.011.pdf>

Woodberry O, Lohr C, Wenger A, Morris K, Pressey B (2015). Biosecurity risk from introduced wildlife for Pilbara islands. PowerPoint presentation at Seventh Annual Conference of the Australasian Bayesian Network Modelling Society (ABNMS2015): November 25-26, 2015, Monash University, Caulfield, 20 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19852.pdf>

### Reports/Chapters

Bougher NL (2015). Fungi survey: Kings Park and Botanic Garden 2015 Department of Parks and Wildlife, Kensington, WA. 27 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072017.pdf>

Bourke L, Romero-Segura M-J, Coleman S (2016). Lake Bryde Natural Diversity Recovery Catchment: groundwater monitoring bore census Department of Parks and Wildlife, Kensington, WA. 37 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072019.pdf>

Bradley K, Lees C, Lundie-Jenkins G, Copley P, Paltridge R, Dziminski M *et al.* (eds) (2015). Greater bilby recovery summit 2015: report and interim conservation plan IUCN SSC Conservation Breeding Specialist Group, Apple Valley. 116 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072001.pdf>

Burbidge AH, Dolman G, Blythman M (2015). Threatened birds on Dirk Hartog Island: preliminary report on September 2014 survey Department of Parks and Wildlife, Woodvale, WA. 8 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/925305.pdf>

Burrows N (2015). Fuels, weather and behaviour of the Cascade Fire (Esperance fire #6) 15-17 November 2015 Department of Parks and Wildlife, Kensington, WA. 18 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072010.pdf>

Burrows N, Foster C, Gilbert C, Gray D, Rowbotham E, Smith S *et al.* (2015). Monitoring bilby (*Macrotis lagotis*) and other animal activity at Lorna Glen using observers on horseback Department of Parks and Wildlife, Kensington, WA. 17 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/071995.pdf>

Burrows N, Liddelow G, Ward B, Jackson V, Thoomes E (2015). Matuwa introduced predator control program: 2015 aerial baiting report Department of Parks and Wildlife, Kensington, WA. 13 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072007.pdf>

(Continued on page 5)

(Continued from page 4)

Burrows N, Rampant P, Menne T (2015). Reconstruction of the path and behaviour of the Lower Hotham fire, 31 January-6 February 2015 Department of Parks and Wildlife, Kensington, WA. 37 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072006.pdf>

Chapman TF, McCaw WL (2015). South-west forest biodiversity survey gap analysis Department of Parks and Wildlife, Kensington, WA. 86 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/071997.pdf>

Chapman TF, Sims C, Thomas ND, Reinhold L (2015). Assessment of mammal populations on Bernier and Dorre Island 2006-2013 Department of Parks and Wildlife, Kensington, WA. 56 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072011.pdf>

Clausen L, Cowen S, Pinder J, Pridham J, Danks A, Speldewinde P *et al.* [Algar D] (2015). Fortescue Marsh feral cat baiting program (Christmas Creek water management scheme). Year 4 annual report Department of Parks and Wildlife, Albany. 47 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/627518.pdf>

Drew M, Lynn T, Ferguson K (2015). Lake Warden natural diversity recovery catchment hydrology program synopsis 1997-2015 Department of Parks and Wildlife, Kensington, WA. 52 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072005.pdf>

Dunlop J, Johnson B, Rayner K, Morris K (2015). Northern quoll trapping surveys at Wall Creek and Mesa 228 Department of Parks and Wildlife, Woodvale, WA. 49 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072009.pdf>

Evans R (2015). Wheatstone Project offset B: connectivity and recovery potential of Pilbara marine habitats and associated taxa: annual report, 2014/15 Department of Parks and Wildlife, Kensington, WA. 12 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072003.pdf>

Keighery B, Keighery G (2015). Wild Perth: Perth's bushland: the past and present plant communities and plants of the bushland between Perth and the coast B Keighery, Subiaco. 166 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072020.pdf>

Keighery G (2015). Eastern swamp oak; *Casuarina glauca* (Casuarinaceae) around the Swan River estuary Department of Parks and Wildlife, Kensington, WA. 12 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/071994.pdf>

Lane JAK, Winchcombe YC, Clarke AG (2015). Thirty year (1981-2010) trends in depths and rainfalls of south-western Australian wetlands Department of Parks and Wildlife, Busselton. 154 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072018.pdf>

Mohring M (2015). Pluto LNG Environmental Offset D: research and monitoring in the proposed Dampier marine reserves: program annual report Department of Parks and Wildlife, Kensington, WA. 118 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072000.pdf>

Mohring MB, Nutt CD, Bancroft KP, Friedman KJ, Severin CR, Douglas RA *et al.* (2015). Report for Pluto Offset D Project i: learn from the past to manage the future Department of Parks and Wildlife, Kensington, WA. 104 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/071999.pdf>

Molloy SW, Davis RA, Dunlop J, van Etten EJB (2015). Spatial modelling for the northern quoll in the Pilbara: informing the management of a unique and isolated population of an endangered and iconic species Edith Cowan University, School of Natural Sciences, Joondalup. 104 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072008.pdf>

Morris K, Cowan M, Angus J, Anderson H, Garretson S, Algar D *et al.* [Williams M] (2015). The northern quoll cat bait uptake and survivorship study, Yarraloola offset area, Pilbara Region, WA: Yandicoogina JSW and Oxbow Project, threatened species offset plan Department of Parks and Wildlife, Woodvale, WA. 32 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072012.pdf>

Raper GP, Speed RJ, Simons JA, Killen AL, Blake AI, Ryder AT *et al.* [Bourke L] (2013). Groundwater trend analysis in the south west land division of Western Australia *Resource Management Technical Report 388*, Department of Agriculture and Food, South Perth. 146 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/925601.pdf>

Waples K, Raudino H (2015). Wheatstone Project C: understanding and managing critical habitat for marine mammals in the Pilbara: annual report, 2014/15 Department of Parks and Wildlife, Kensington, WA. 12 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072002.pdf>

#### **Popular (Landscape, Newsletters, Letters, etc.)**

Bell U (2015). Feral bees in bushland reserves *Bushland News* **95**, p. 9. <http://library.dpaw.wa.gov.au/static/FullTextFiles/080662-95.001.pdf>

Burbidge A (2015). Obituary: John Hutchinson, 1928-8 August 2015 *Western Australian Bird Notes* **156**, p. 8. <http://library.dpaw.wa.gov.au/static/StaffOnly/080290-156.001.pdf>

Casale P, Riskas K, Tucker AD, Hamann, M (2015). *Caretta caretta* (south east Indian Ocean subpopulation), loggerhead turtle: the IUCN Red List of Threatened Species™ IUCN, Gland. 14 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072014.pdf>

Casale P, Tucker AD (2015). *Caretta caretta*, loggerhead turtle: the IUCN Red List of Threatened Species? IUCN, Gland. 27 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19826.pdf>

Cochrane A, Barrett S, Dillon R, Allen C (2015). Brightening the landscape: Stirling Range wattle *Landscape* **31(1)**, 11-15 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080052-31.01.002.pdf>

Huisman J (2015). Sunken treasures *Landscape* **31(2)**, 22-24 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080052-31.02.004.pdf>

Keighery B, Keighery G (2016). Plant Life of Southwestern Australia: a review (BOOK REVIEW) *Wildflower Society of Western Australia Newsletter* **54(1)**, 22-24 <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19847.pdf>

Keighery G (2016). Dung beetles and fungi (BOOK REVIEW) *Wildflower Society of Western Australia Newsletter* **54(1)**, p. 24. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19848.pdf>

(Continued on page 6)

(Continued from page 5)

Keighery G (2016). Southwest wildlife: three new important books (BOOK REVIEW) *Wildflower Society of Western Australia Newsletter* **54(1)**, p. 25. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19849.pdf>

Keighery G (2016). Our wonderful southwest (BOOK REVIEW) *Wildflower Society of Western Australia Newsletter* **54(1)**, p. 33. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19850.pdf>

Lohr C (2015). Decision support software for prioritising management actions on Western Australia's islands. Available at: [information-sheets](http://information-sheets) Department of Parks and Wildlife, Western Australia, Information Sheet **82/2015**, DPaW, Kensington, WA. 2 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/081043-82.pdf>

Markey AS, Cowan M, Dillon S (2015). Cane River Conservation Park bush blitz. Available at: [information-sheets](http://information-sheets) Department of Parks and Wildlife, Western Australia, Information Sheet **83 (2015)**, DPaW, Kensington, WA. 2 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/081043-83.pdf>

Millar A, Drew M, Stanley F (2015). Western Shield: wildlife recovery through integrating fox and feral cat control at a landscape scale in Western Australia *Bushland News* **96**, 4-5 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080662-96.001.pdf>

Pickering R, Clarke A, Comer S, Sullivan D, Graff J (2015). Big brown boomers, the Australasian bittern *Landscape* **31(2)**, 16-21 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080052-31.02.003.pdf>

Richardson B (2015). Plant of the month, July 2015: *Eucalyptus pyriformis* Turcz. Available at: <http://florabase.dec.wa.gov.au/potm/?y=2015&m=7> Department of Parks and Wildlife, Kensington, WA. 2 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19856.pdf>

Richardson B (2015). Plant of the month, August 2015: *Pyronema omphalodes* (Bull.) Fuckel Available at: <http://florabase.dec.wa.gov.au/potm/?y=2015&m=8> Department of Parks and Wildlife, Kensington, WA. 2 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19857.pdf>

Richardson B (2015). Plant of the month, September 2015: *Diploaena andrewsii* Ostenf. Available at: <http://florabase.dec.wa.gov.au/potm/?y=2015&m=9> Department of Parks and Wildlife, Kensington, WA. 2 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19858.pdf>

Richardson B (2015). Plant of the month, October 2015: *Daviesia localis* Hislop. Available at: <http://florabase.dec.wa.gov.au/potm/?y=2015&m=10> Department of Parks and Wildlife, Kensington, WA. 2 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19859.pdf>

Richardson B (2015). Plant of the month, November 2015: *Carpobrotus virescens* (Haw.) Schwantes. Available at: <http://florabase.dec.wa.gov.au/potm/?y=2015&m=11> Department of Parks and Wildlife, Kensington, WA. 2 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19860.pdf>

Richardson B (2015). Plant of the month, December 2015: *Amyema linophylla* (Fenzl) Tiegh. Available at: <http://florabase.dec.wa.gov.au/potm/?y=2015&m=12> Department of Parks and Wildlife, Kensington, WA. 2 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19861.pdf>

Richardson B (2016). Plant of the month, January 2016: *Eucalyptus dolichorhyncha* (Brooker) Brooker & Hopper. Available at: <http://florabase.dec.wa.gov.au/potm/?y=2016&m=1> Department of Parks and Wildlife, Kensington, WA. 2 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19862.pdf>

Richardson B (2016). Plant of the month, February 2016: *Thysanotus sparteus* R.Br. Available at: <http://florabase.dec.wa.gov.au/potm/?y=2016&m=2> Department of Parks and Wildlife, Kensington, WA. 2 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19863.pdf>

Rule MJ, Murray K, Holley D (2015). Climate-related declines in the extent of seagrasses in the Shark Bay World Heritage Area *World Heritage Connect* **5**, p. 9. <http://library.dpaw.wa.gov.au/static/StaffOnly/C19829.pdf>

Severin C, Raudino H (2015). Dorsal fin identification sheet: species, bottlenose dolphins (*Tursiops aduncus*); species, Australian humpback dolphins (*Sousa sahulensis*): Onslow and Thevenard Island Department of Parks and Wildlife, Kensington, WA. 3 p. <http://library.dpaw.wa.gov.au/static/FullTextFiles/072016.pdf>

Thiele K (2015). *Angianthus globuliformis* *Landscape* **31(1)**, p. 38. <http://library.dpaw.wa.gov.au/static/FullTextFiles/080052-31.01.007.pdf>

Thiele K, Waycott M (2015). Progress with the decadal plan for systematics *Australasian Systematic Botany Society Newsletter* **165**, 43-45 <http://library.dpaw.wa.gov.au/static/StaffOnly/624667-165.002.pdf>

Wege J (2015). A taxonomic triumph *Landscape* **31(2)**, 48-52 <http://library.dpaw.wa.gov.au/static/FullTextFiles/080052-31.02.009.pdf>

Wege J (2015). Hey ho, let's go: the 2015 ASBS post-conference field trip report *Australasian Systematic Botany Society Newsletter* **165**, 28-33 <http://library.dpaw.wa.gov.au/static/StaffOnly/624667-165.001.pdf>

Wege J (2015). News from the west *Australasian Systematic Botany Society Newsletter* **165**, p. 55. <http://library.dpaw.wa.gov.au/static/StaffOnly/624667-162.003.pdf>

Williams AAE, Williams MR, Hort F, Hort J (2015). South-western Australia, 100 years of foreign butterfly immigration *Western Australian Insect Study Society Newsletter* **Oct**, 7-10 <http://library.dpaw.wa.gov.au/static/FullTextFiles/C19805.pdf>

### Submitted

Algar D Johnston M (submitted). Eradication of feral cats from Western Australian islands: an update (ABSTRACT) In *Australasian Wildlife Management Society Conference proceedings, Perth 23-26 November 2015*

Bain K, Bencini R, Wayne AF (submitted). Spatial ecology of the quokka (*Setonix brachyurus*) in the southern forests of Western Australia: implications for the maintenance, or restoration, of functional metapopulations *Journal of Zoology*

Bain K, Wayne A, Bencini R (submitted). Prescribed burning as a conservation tool for management of habitat for threatened species: use of the quokka (*Setonix brachyurus*) as a focal species in the southern forests of Western Australia (ABSTRACT) In *Australasian Wildlife Management Society Conference proceedings, Perth 23-26 November 2015*

(Continued on page 7)

(Continued from page 6)

Bancroft K, Murray K (submitted). Mangrove monitoring in Western Australia's marine parks and reserves In *Australian Mangrove and Saltmarsh Network Conference and Workshop, Darwin 2016*

Bengsen AJ, Algar D, Ballard G, Buckmaster T, Comer S, Fleming PJS *et al.* [Friend JA] (submitted). Predicting feral cat home range size from environmental productivity or population density (ABSTRACT) In *Australasian Wildlife Management Society Conference proceedings, Perth 23-26 November 2015*

Brown A, Davis R (submitted). *Eremophila buirchellii* and *E. calcicola* (Scrophulariaceae), two new species from Western Australia *Nuytsia*

Brown K, Paczkowska G, Gibson N (submitted). The biggest problem with fences: fire, weeds and herbivores in a long unburnt *Banksia* woodland *Ecological Management and Restoration*

Buirchell B, Brown A (submitted). New species of *Eremophila* (Scrophulariaceae). 1, thirteen geographically restricted species from Western Australia *Nuytsia*

Burrows N (submitted). Firestick ecology: a book review *International Journal of Wildland Fire*

Burrows N, Gill M, Sharples J (submitted). A new fire behaviour prediction model for spinifex grasslands (ABSTRACT) In *International Wildland Fire Conference, Melbourne April 2016*

Butcher R, Dillon S (submitted). *Vigna* sp. central (M.E. Trudgen 1626) (Fabaceae: Phaseolae) is not distinct from *V.* sp. Hamersley Clay (A.A. Mitchell PRP 113) *Nuytsia*

Cinner JE, Huchery C, MacNeil MA, Graham NAJ, McClanahan TR, Maina J *et al.* [Wilson SK] (submitted). Bright spots among the world coral reefs *Nature*

Clausen L, Speldewinde P, Comer S, Algar, D. (submitted). Measuring success of landscape feral cat control programs in the Pilbara (ABSTRACT) In *Australasian Wildlife Management Society Conference proceedings, Perth 23-26 November 2015*

Cochrane A (submitted). Can thermal sensitivity in the germination niche help predict global warming vulnerability for the obligate-seeding *Banksia* L.f. (Proteaceae) of south-western Australia *Seed Science Research*

Cochrane A (submitted). Can temperature sensitivity during germination help predict global warming vulnerability?: a case study of *Banksia* in south west Western Australia (ABSTRACT) In *Program handbook of the National Seed Science Forum, Australian Botanic Gardens, Mt Annan (14-16 March 2016)*

Cochrane A (submitted). Collaboration across the Nullarbor: WA banksias find a new home in the ACT *Australasian Plant Conservation*

Cochrane A, Nicotra A, Ooi M (submitted). Climate change alters plant regeneration from seed. Available at <http://www.ecolsoc.org.au/hot-topics>

Collins D, Langlois T, McLean D, Bond T, Holmes T, Harvey E *et al.* (submitted). A novel stereo-video method to investigate fish-habitat relationships *Methods in Ecology and Evolution*

Comer S, Algar D, Bell L, Burbidge AH, Clausen L, Cowen S *et al.* [Pinder J, Pridham JJ] (submitted). Conserving kylling and the challenge of managing feral cats on the south coast of Western Australia (ABSTRACT) In *Australasian Wildlife Management Society Conference proceedings, Perth 23-26 November 2015*

Comer S, Burbidge A (submitted). A catastrophic start to the fire season for threatened birds on the south coast *Western Australian Bird Notes*

Cowan M, Bray R, Paltridge R (submitted). Kiwirrkurra Indigenous Protected Area BushBlitz survey: mammals and reptiles

Crawford A, Monaghan A, Cochrane A (submitted). Seed for restoration: how's the quality? (ABSTRACT) In *Program handbook of the National Seed Science Forum, Australian Botanic Gardens, Mt Annan (14-16 March 2016)*

Cremen MCM, Huisman JM, Marcelino VR, Verbruggen H (submitted). Taxonomic revision of *Halimeda* (Bryopsidales: Chlorophyta) in southwestern Australia *Australian Systematic Botany*

Cvitanovic C, Hobday A, McDonald J, Waples K (submitted). Improving knowledge exchange among scientists and decision-makers to facilitate the resilience-based management of coral reefs (ABSTRACT) In *Proceedings of the International Coral Reef Society Conference, June 2016*

Dillon R (submitted). Regenerating the feather-leaved banksia

Dillon S (submitted). Appendix C: Checklist of vascular plants of the Pilbara Bioregion In *Pilbara Seed Atlas and Field Guide: Plant Restoration in Australia's Arid Northwest* (eds TE Erickson, RL Barrett, DJ Merritt *et al.*).

Dunlop J, Molloy S, Henderson M, Davis RA, Morris KD (submitted). Live fast, die young: northern quolls in the Pilbara, Western Australia (ABSTRACT) In *Australasian Wildlife Management Society Conference proceedings, Perth 23-26 November 2015*

Dybing NA, Jacobson C, Irwin P, Algar D, Adams PJ (submitted). Bartonella species identified in rodent and feline hosts from island and mainland Western Australia *Vector-Borne and Zoonotic Diseases*

Dybing NA, Jacobson C, Irwin P, Algar D, Adams PJ (submitted). Ghosts of Christmas past?: absence of trypanosomes in feral cats and black rats from Christmas Island and Western Australia *Parasitology*

Field S (submitted). Gorgon dredging audit and surveillance program: annual report to Gorgon Joint Venture, Barrow Island Act Minister, CALM Act Minister, 2014/2015

Fitzsimmons N, Featherstone P, Tucker AD (submitted). Dietary ecology of two river turtles (*Chelodina burrungandjii* and *Emydura victoriae*) in the Kimberley Plateau, Western Australia before the arrival of cane toads *Marine and Freshwater Research*

Friend JA, Button TA (submitted). Long-term monitoring of island dibbler populations shows their vulnerability to extinction (ABSTRACT) In *Island Arks IV*

(Continued on page 8)

(Continued from page 7)

Gallaway BJ, Gazey WJ, Caillouet CW, Plotkin PT, Shaver DJ, Abreu FA *et al.* [Tucker AD] (submitted). Development of a Kemp's ridley sea turtle stock assessment model *Gulf of Mexico Science*

Gibson LA, Cowan MA, Lyons MN, Palmer R, Pearson DJ, Doughty P (submitted). Cross-taxon congruence in biogeographic patterns on continental-shelf islands *Journal of Biogeography*

Goetze J, Claudet J, Januchowski-Hartley F, Langlois T, Wilson S, White C *et al.* (submitted). Demonstrating multiple benefits from periodically harvested fisheries closures *Ecology Letters*

Goetze J, Januchowski-Hartley F, Claudet J, Langlois T, Wilson S, Jupiter S (submitted). Periodic closures are more effective at reducing fish wariness than increasing abundance or biomass *Ecology Letters*

Gosper C, Prober S, Yates C (submitted). Fire ecology of the Great Western Woodlands

Gosper C, Prober S, Yates C (submitted). Fire, fragmentation, weeds and the conservation of plant diversity in wheatbelt nature reserves

Hohnen R, Tuft K, Legge S, Hillyer M, Spencer PBS, Radford I *et al.* (submitted). Rainfall and topography affect gene flow among northern quoll (*Dasyurus hallucatus*) populations in north-western Australia *Conservation Genetics*

Hohnen R, Tuft K, McGregor HW, Legge S, Radford I, Johnson CN (submitted). Variation in feral cat occupancy with topographic complexity in the Kimberley region of Western Australia *Wildlife Research*

Holland A, Butcher R (submitted). *Vigna triodiophila* (Fabaceae: Phaseolae), a new conservation-listed species from the Pilbara, Western Australia *Nuytsia*

Huisman JM, Saunders GW, Gall LL, Vergés A (submitted). *Rhytymenia*, a new genus of red algae based on the rare *Kallymenia maculata* (Kallymeniaceae) *Phycologia*

Hyndes GA, Heck KL, Vergés A, Kendrick GA, Orth R, Pearce A *et al.* [Whiting S, Wilson S] (submitted). Accelerating tropicalization and the transformation of temperate seagrass meadows *Bioscience*

Johnston M, Holdsworth M, Algar D (submitted). Noses on legs: detector dogs helping to verify eradication of cats *Landscape*

Jones M, Gibson N, Yates C, Ferrier S, Mokany K, Williams K *et al.* (submitted). Underestimated effects of climate on plant species turnover in the south-west Australian floristic region *Journal of Biogeography*

Keighery GJ (submitted). *Samolus* (Samolaceae or Primulaceae) of southern Western Australia *Nuytsia*

Keighery GJ (submitted). The status of the fern, *Histiopteris incisa* in Western Australia *Nuytsia*

Keighery G (submitted). Weed snippets *Land for Wildlife Newsletter*

Keighery G, Keighery B (submitted). *Cynoglossum suaveolens* (Boraginaceae) recorded for Western Australia *Western Australian Naturalist*

Keighery G, Keighery B (submitted). Variation in *Monoculus monstrosus* (Asteraceae) *Western Australian Naturalist*

Keighery G, Keighery B (submitted). Flora of the Swan Coastal Plain foothills. Part 1, vascular flora of Lambert Lane Nature Reserve

Kendrick A, Wilson S, Friedman K, Waples K, Whiting S, Holmes T *et al.* [Rule M, Halford A] (submitted). Strategic marine ecological research priorities for CALM Act marine parks and reserves 2015-2020 *Conservation Science Western Australia*

Keppel G, Robinson T, Wardell-Johnson GW, Yates CJ, van Niel KP, Byrne M *et al.* (submitted). Low-altitude mountains are important refugia for two narrow endemics in the Southwest Australian Floristic Region biodiversity hotspot *Annals of Botany*

Levy E, Byrne M, Coates DJ, Macdonald BM, McArthur S, van Leeuwen S (submitted). Widespread and diverse or endemic and differentiated: contrasting patterns in two Pilbara acacias with overlapping distributions *Diversity and Distributions*

Llorens TM, Tapper S-L, Coates DJ, McArthur S, Hankinson M, Byrne M (submitted). Does population distribution matter? Influence of a patchy vs. continuous distribution on genetic patterns in a wind-pollinated shrub *Journal of Biogeography*

Lohr C, Lohr M, Keighery G, Long V (submitted). The status and distribution of non-native plants on continental and territorial islands off the north coast of Western Australia *Conservation Science Western Australia*

Lohr M, Lohr C, Morris K (submitted). The status and distribution of alien plants on 697 islands of Western Australia: a historical database with records spanning from 1913 to 2014 In *Aekos database*

Mawson PR, Saunders DA, Dawson RD (submitted). Artificial nest hollows for an endangered cockatoo: why, where and what? (ABSTRACT) In *Australasian Wildlife Management Society Conference proceedings, Perth 23-26 November 2015*

Maxwell MA, Wayne AF, Ward CG, Vellios CV (submitted). What's behind the rise and fall in native mammals? Monitoring foxes and cats in a priority fauna conservation area (ABSTRACT) In *Australasian Wildlife Management Society Conference proceedings, Perth 23-26 November 2015*

Mazanec RA, Grayling PM, Spencer B, Doran J, Neumann C (submitted). Provenance variation and genetic parameters for biomass and cineole production in three year old *Eucalyptus loxophleba* subspecies *lissophloia* progeny trials and potential gains in these traits from a selection and breeding program *Australian Forestry*

Mazanec R, Spencer B (submitted). Early results from a *Eucalyptus polybractea* coppicing trial near Collie, Western Australia *Australian Forestry*

McCaldin G, Johnston M, Reiker A (submitted). Application of unmanned aircraft to support pest management and biodiversity counts on Christmas Island (POSTER) In *Island Arks IV*

(Continued on page 9)

(Continued from page 8)

Millar MA, Byrne M, Coates D, Richards D (submitted). Contrasting diversity and demographic signals in sympatric narrow range endemic shrubs of the southwest Western Australian semi-arid zone *Biological Journal of the Linnean Society*

Mohring M (submitted). Dampier Archipelago underwater: a diamond in the red rock *Landscape*

Mohring M, Wenger A (submitted). Unusual mortality of juvenile blacktip reef sharks (*Carcharhinus melanopterus*) resulting from predation by the osprey (*Pandion cristatus*) in the Pilbara islands region, Western Australia *Coral Reefs*

Monks L (submitted). Regenerating the critically endangered spiral-fruited wattle *PAWS Newsletter*

Moore T, Burbidge A, Sonneman T, Wilson B (submitted). Mammal assemblages in Boonanarring Nature Reserve, Dandaragan Plateau, Western Australia: reasons for persistence 1986-2012 *Australian Mammalogy*

Moritz C, Fujita M, Rosauer D, Agudo R, Bourke G, Palmer R *et al.* (submitted). Multilocus phylogeography reveals fractal endemism in a gecko across the monsoonal tropics of Australia *Molecular Ecology*

Moro D, Dunlop J, Williams M (submitted). Predicting the effects of cat-baiting on the survivorship of northern quoll in the Pilbara, Western Australia (ABSTRACT) In *Australasian Wildlife Management Society Conference proceedings, Perth 23-26 November 2015*

Nash K, Bijoux J, Robinson J, Wilson S, Graham N (submitted). Harnessing fisheries-independent indicators to support management of a data poor fishery: balancing effects of fishing and habitat change *Ecosphere*

Northover AS, Godfrey SS, Lymbery AJ, Morris K, Wayne AF, Thompson RCA (submitted). Evaluating the effects of anti-parasite treatment on communities of gastrointestinal parasites in translocated woylies (*Bettongia penicillata*) *Proceedings of the Zoological Society of London*

Ottewell K, Coughran D, Gall M, Irvine L, Byrne M (submitted). A recent stranding of Omura's whale (*Balaenoptera omurai*) in Western Australia *Aquatic Mammals*

Pacioni C, Hunt H, Allentoft ME, Vaughan TG, Wayne AF, Baynes A *et al.* (submitted). Genetic diversity loss in a biodiversity hotspot: ancient DNA quantifies genetic decline and former connectivity in a critically endangered marsupial *Molecular Ecology*

Pacioni C, Hunt H, Allentoft ME, Vaughan TG, Wayne AF, Baynes A (submitted). Ancient DNA quantifies genetic decline and former connectivity in a critically endangered marsupial (ABSTRACT) In *Australasian Wildlife Management Society Conference proceedings, Perth 23-26 November 2015*

Pacioni C, Hunt H, Allentoft ME, Vaughan TG, Wayne AF, Baynes A (submitted). Ancient DNA quantifies genetic decline and former connectivity in a critically endangered marsupial (ABSTRACT) In *25th annual combined biological sciences meeting (2015)*. Editors: S. Fletcher, C. Fragall and T. McNab. *The university Club, University of Western Australia, Perth. 28th August 2015*

Page MJ, Renwick J, Wayne AF (submitted). Exploring the role of introduced predator-free enclosures in wildlife recovery programs (ABSTRACT) In *Australasian Wildlife Management Society Conference proceedings, Perth 23-26 November 2015*

Palmer R, Mott R, Sonneman T, Garretson S, McKenzie N, Thomas N *et al.* (submitted). A survey for Wijingadda (northern quoll *Dasyurus hallucatus*) and other fauna on islands in Talbot Bay of Dambimangari country in the Kimberley *Conservation Science Western Australia*

Paul KI, Roxburgh SH, Chave J, England JR, Zerihun A, Specht A, *et al* [Spencer B] (submitted). Testing the generality of above-ground biomass allometry across plant functional types at the continent scale *Global Change Biology*

Pierson JC, Coates DJ, Oostermeijer JGB, Beissinger SR, Bragg JG, Sunnucks P *et al.* (submitted). An assessment of the consideration of genetic factors in threatened species recovery plans on three continents *Frontiers in Ecology and the Environment*

Priest MA, Halford AR, Clements KD, Douglas E, Abellana SL, McIlwain JL (submitted). What a difference a bay makes: natural variation in dietary resources mediates growth in a recently settled herbivorous fish *Coral Reefs*

Prober SM, Gosper CR, Gilfedder L, Thiele KR, Williams KJ, Yates CJ (submitted). Temperate eucalypt woodlands In *Australian Vegetation 3rd edition* (ed DA Keith).

Ramalho CE, Chambers BK, Ottewell KM, Wilson BA, Yates C, Barrett G (submitted). Influence of urban encroachment, roads and fire on metapopulation viability of a medium-sized mammal in a rapidly urbanizing landscape in SW Australia *Biological Conservation*

Raudino H, Rob D, Barnes P, Mau R, Wilson E, Gardner S, Waples K (submitted). Whale shark behavioural responses to tourism interactions in Ningaloo Marine Park and implications for future management *Conservation Science Western Australia*

Rye BL (submitted). An update to the taxonomy of some Western Australian genera of the Myrtaceae tribe Chamelaucieae. 4, *Malleostemon Nuysia*

Scaffidi A, Algar D, Bohman B, Ghisalberti EL, Flematti G (submitted). Identification of the cat attractants isodihydronepetalactone and isoiridomyrmecin from *Acalypha indica* *Australian Journal of Chemistry*

Schmid J, Tucker AD (submitted). Dietary habits of Kemp's ridley turtles in the Charlotte Harbor National Estuary, Florida *Journal of Herpetology*

Steane DA, McLean E, Potts BM, Prober SM, Stock WD, Stylianou VM *et al.* [Byrne M] (submitted). Evidence for adaptation and acclimation of *Eucalyptus loxophleba* along a climatic gradient *Evolutionary Applications*

Steane DA, Potts BM, McLean E, Collins L, Holland B, Prober SM *et al.* [Byrne M] (submitted). Genome scans across three eucalypts indicate that adaptation is a genome wide phenomenon *Genome Biology and Evolution*

Taylor HR, Radford IJ, Grierson P, Price C (submitted). Functional and ecological differentiation between invasive and native savanna grasses in northern Australia *Functional Ecology*

(Continued on page 10)

(Continued from page 9)

Thiele D, Bouchet P, Waples K, Weisenberger F, Dambimangari Rangers, Uunguu Rangers *et al.* [Raudino H] (submitted). Cross-cultural knowledge informs the distribution of snubfin dolphins in the Kimberley, Western Australia *Endangered Species Research*

Thillainath EC, Mcllwain JL, Wilson SK, Depczynski M (submitted). Estimating the role of three mesopredatory fishes in coral-reef food webs at Ningaloo Reef, Western Australia *Coral Reefs*

Thomas L, Kennington WJ, Evans RD, Kendrick GA, Stat M (submitted). Genomic signatures of thermal adaptation in a reef-building coral *Nature Communications*

Thomas N, Burbidge A, Morris K (submitted). Montebello renewal: fauna reconstruction and recovery on arid WA islands (ABSTRACT) In *Island Arks IV*

Tucker AD, Burke RL, Tulipani DC (submitted). Foraging ecology and habitat choice In *The Ecology and Conservation of the Diamondback Terrapin Malaclemys terrapin* (eds WM Roosenburg, VS Kennedy).

Vander Zanden HB, Bolten AB, Tucker AD, Hart KM, Lamont MM, Fujisaki I *et al.* (submitted). Biomarkers reveal responses of loggerhead turtles in Deepwater Horizon oil spill *Proceedings of the National Academy of Sciences of the USA*

Vanderklift M, Pillans R, Tucker T, Whiting S, Revill A (submitted). Using stable isotopes to investigate ecology of sharks and turtles: what can evidence from multiple tissues tell us? (ABSTRACT) In *IsoEcol 2016*

Ward B, Cranfield R (submitted). Fire response of cryptogam communities in dry sclerophyll jarrah forests of south-western Australia: a preliminary investigation *WA Science*

Ward-Fear G, Pearson DJ, Brown GP, Shine R (submitted). Ecological immunisation: in situ training of free-ranging predatory lizards reduces their vulnerability to invasive toxic prey *Biology Letters*

Wayne AF, Maxwell AA, Ward CG, Wayne JC, Vellios CV, Wilson I (submitted). Recoveries and cascading declines of native mammals associated with control of an introduced predator *Journal of Mammalogy*

Wege J, Armbruster WS, Evans S, Wagstaff S, Forest F (submitted). Triggering new insights into a remarkable genus: the *Stylidium* phylogeny and pollination project (ABSTRACT) In *SASB conference proceedings*

Wenger A, Harvey E, Rawson C, Wilson S, Newman S, Clarke D *et al.* [Evans R] (submitted). Effects of dredging-related stressors on critical ecological processes of marine fish: significance, knowledge gaps and priority assessment approaches *Fish and Fisheries*

Wernberg T, Bennett S, Babcock RC, de Bettignies T, Cure K, Depczynski M *et al.* [Holmes TH, Wilson S] (submitted). Climate driven phase shift of a temperate marine ecosystem *Science*

Wills A, Farr J (submitted). Gumleaf skeletonizer *Uraba lugens* (Lepidoptera: Nolidae) moth larvae outbreaks occur in high rainfall Western Australian jarrah (*Eucalyptus marginata*) forest after drought *Austral Entomology*

Wilson SK, Depczynski M, Fulton CJ, Holmes TH, Radford B, Tinkler P (submitted). Nursery microhabitats regulate adult abundance of a coral reef fish *Ecology*

Wilson S, Holmes T (submitted). Fish research and monitoring by Parks and Wildlife 2015 *Australian Society of Fish Biology annual newsletter*

Wyneken J, Salmon M, Hamann M, Tucker A, Whiting S (submitted). Successful and unsuccessful adhesives for use on neonate flatback turtles (*Natator depressus*): what works and doesn't work on the teflon turtles In *Proceedings: 36th Annual Sea Turtle Symposium, Lima, Peru*

Yates CJ, Gosper CR, Hopper SD, Keith DA, Prober SM, Tozer MG (submitted). Mallee woodlands and shrublands: the mallee, muruk/muert and maalok vegetation of southern Australia In *Australian Vegetation 3rd edition* (ed DA Keith).

Yeatman GJ, Wayne AF, Mills HR, Prince J (submitted). Temporal patterns in the abundance of a critically endangered marsupial relates to disturbance by roads and agriculture (ABSTRACT) In *Australasian Wildlife Management Society Conference proceedings, Perth 23-26 November 2015*

Zinke J, Gilmour JP, Fisher R, Maina J, Darling E, Stat M *et al.* [Field S, Shedrawi G, Wilson SK] (submitted). Environmental drivers of coral community structure and function identify opposing forces of cyclones and thermal refuge for southeastern Indian Ocean coral reefs *Global Change Biology*

**Contacts:**

Science Assistant Director:  
Stephen van Leeuwen  
[Stephen.vanLeeuwen@DPaW.wa.gov.au](mailto:Stephen.vanLeeuwen@DPaW.wa.gov.au)  
Ph: 9219 9042

Conservation Assistant Director:  
Fran Stanley  
[Fran.Stanley@DPaW.wa.gov.au](mailto:Fran.Stanley@DPaW.wa.gov.au)  
Ph: 9219 9977

Partnerships Manager:  
Stephen van Leeuwen  
[Stephen.vanLeeuwen@DPaW.wa.gov.au](mailto:Stephen.vanLeeuwen@DPaW.wa.gov.au)  
Ph: 9219 9042

Animal Science Program Leader:  
Keith Morris  
[Keith.Morris@DPaW.wa.gov.au](mailto:Keith.Morris@DPaW.wa.gov.au)  
Ph: 9405 5159

Biogeography Program Leader:  
Lesley Gibson  
[Lesley.Gibson@DPaW.wa.gov.au](mailto:Lesley.Gibson@DPaW.wa.gov.au)  
Ph: 9219 9069

Ecoinformatics Unit Manager:  
Paul Gioia  
[Paul.Gioia@DPaW.wa.gov.au](mailto:Paul.Gioia@DPaW.wa.gov.au)  
Ph: 9219 9067

Ecosystem Science Program Leader:  
Lachie McCaw  
[Lachie.McCaw@DPaW.wa.gov.au](mailto:Lachie.McCaw@DPaW.wa.gov.au)  
Ph: 9771 7998

Environmental Management Branch Manager:  
Nick Woolfrey  
[Nicholas.Woolfrey@DPaW.wa.gov.au](mailto:Nicholas.Woolfrey@DPaW.wa.gov.au)  
Ph: 9334 0130

Marine Science Program Leader:  
Alan Kendrick  
[Alan.Kendrick@DPaW.wa.gov.au](mailto:Alan.Kendrick@DPaW.wa.gov.au)  
Ph: 9219 9793

Nature Protection Branch Manager:  
Kevin Morrison  
[Kevin.Morrison@DPaW.wa.gov.au](mailto:Kevin.Morrison@DPaW.wa.gov.au)  
Ph: 9219 9847

Plant Science & Herbarium Program Leader:  
David Coates  
[David.Coates@DPaW.wa.gov.au](mailto:David.Coates@DPaW.wa.gov.au)  
Ph: 9219 9128

Species & Communities Branch Manager:  
Ken Atkins  
[Ken.Atkins@DPaW.wa.gov.au](mailto:Ken.Atkins@DPaW.wa.gov.au)  
Ph: 9334 0425

Wetland Conservation Program Leader:  
Adrian Pinder  
[Adrian.Pinder@DPaW.wa.gov.au](mailto:Adrian.Pinder@DPaW.wa.gov.au)  
Ph: 9219 9868

**Library Contact:**

General enquiries & requests:  
[Library@DPaW.wa.gov.au](mailto:Library@DPaW.wa.gov.au)  
Ph: 9219 9058