

SCIENCE COMMUNICATIONS

No. 43 (July 2018)

Biodiversity and Conservation Science 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 Biodiversity Science and Conservation. This issue is for the period February-July 2018.

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@dbca.wa.gov.au

Margaret Byrne
Executive Director

Journal Publications

Arias-Ortiz A, Serrano O, Masqué P, Lavery PS, Mueller U, Kendrick G *et al.* [Murray K, Rule MJ] (2018). A marine heatwave drives massive losses from the world's largest seagrass carbon stocks *Nature Climate Change* **8**, 338-344 <https://library.dbca.wa.gov.au/static/StaffOnly/C20141.pdf>

Barrett MD (2018). Three new species of Asparagales from the Kimberley region of Western Australia *Telopea* **21**, 25-37 <https://library.dbca.wa.gov.au/static/FullTextFiles/603588-21.002.pdf>

Barrett RL, Barrett MD (2018). Reinstatement of *Goodenia pritzelii* Domin (Goodeniaceae) from the north Kimberley and description of *G. oenPELLIENSIS* as a new species from the Northern Territory *Telopea* **21**, 9-17 <https://library.dbca.wa.gov.au/static/FullTextFiles/603588-21.001.pdf>

Bateman A, Lewandrowski W, Stevens JC, Muñoz-Rojas M (2018). Ecophysiological indicators to assess drought responses of arid zone native seedlings in reconstructed soils *Land Degradation and Development* **29**, 984-993 <https://library.dbca.wa.gov.au/static/StaffOnly/C20176.pdf>

Bevan E, Whiting S, Tucker T, Guinea M, Raith A, Douglas, R (2018). Measuring behavioral responses of sea turtles, saltwater crocodiles, and crested terns to drone disturbance to define ethical operating thresholds *PLoS One* **13**, 1-17 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20147.pdf>

Bezemer N (2018). Wild seedlings of a tree endemic on granite outcrops show no evidence of inbreeding depression *Australian Journal of Botany* **66**, 39-47 <https://library.dbca.wa.gov.au/static/StaffOnly/602166-66.004.pdf>

Bohman B, Phillips RD, Flematti GR, Peakall R (2018). (Methylthio)phenol semiochemicals are exploited by deceptive orchids as sexual attractants for *Campylothynnus* thynnine wasps *Fitoterapia* **126**, 78-82 <https://library.dbca.wa.gov.au/static/StaffOnly/C20194.pdf>

Breed MF, Harrison PA, Bischoff A, Durruty P, Gellie NJC, Gonzales EK *et al.* [Krauss SL] (2018). Priority actions to improve provenance decision-making *Bioscience* **68**, 510-516 <https://library.dbca.wa.gov.au/static/StaffOnly/080469-68.001.pdf>

Butcher R (2018). *Tephrosia pedleyi* (Fabaceae: Millettiae), a new species from the west Kimberley of Western Australia *Nuytsia* **29**, 69-73 <https://library.dbca.wa.gov.au/static/FullTextFiles\080057-29.007.pdf>

Cochrane A (2018). Salt and waterlogging stress impacts on seed germination and early seedling growth of selected endemic plant species from Western Australia *Plant Ecology* **219**, 633-647 <https://library.dbca.wa.gov.au/static/StaffOnly/C20160.pdf>

Cross AT, Barrett MD, Turner SR, Dixon KW, Merritt DJ (2018). Seed-dormancy depth is partitioned more strongly among habitats than among species in tropical ephemerals *Australian Journal of Botany* **66**, 230-242 <https://library.dbca.wa.gov.au/static/StaffOnly/602166-66.003.pdf>

Cruz MG, Gould JS, Hollis JJ, McCaw WL (2018). A hierarchical classification of wildland fire fuels for Australian vegetation types *Fire* **1**, 1-39 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20186.pdf>

Cvitanovic C, van Putten EI, Hobday AJ, Mackay M, Kelly R, McDonald J *et al.* [Waples K, Barnes P] (2018). Building trust among marine protected area managers and community members through scientific research: insights from the Ningaloo Marine Park, Australia *Marine Policy* **93**, 195-206 <https://library.dbca.wa.gov.au/static/StaffOnly/C20157.pdf>

Davis J, Sim L, Thompson RM, Pinder A, Box JB, Murphy NP *et al.* (2018). Patterns and drivers of aquatic invertebrate diversity across an arid biome *Ecography* **41**, 375-387 <https://library.dbca.wa.gov.au/static/StaffOnly/C20023.pdf>

(Continued on page 2)

(Continued from page 1)

Davison EM (2018). Relative importance of site, weather and *Phytophthora cinnamomi* in the decline and death of *Eucalyptus marginata*: jarrah dieback investigations in the 1970s to 1990s *Australasian Plant Pathology* **47**, 245-257 <https://library.dbca.wa.gov.au/static/StaffOnly/980053-47.001.pdf>

Doughty P, Bourke G, Tedeschi LG, Pratt RC, Oliver PM, Palmer RA et al. (2018). Species delimitation in the *Gehyra nana* (Squamata: Gekkonidae) complex: cryptic and divergent morphological evolution in the Australian monsoonal tropics, with the description of four new species *Zootaxa* **4403**, 201-244 <https://library.dbca.wa.gov.au/static/StaffOnly/C20151.pdf>

Dundas SJ, Hopkins AJM, Ruthrof KX, Tay NE, Burgess TI, Hardy G St J et al. (2018). Digging mammals contribute to rhizosphere fungal community composition and seedling growth *Biodiversity and Conservation* **27**, 3071-3086 <https://library.dbca.wa.gov.au/static/StaffOnly/080388-27.001.pdf>

Dybing NA, Jacobson C, Irwin P, Algar D, Adams PJ (2018). Challenging the dogma of the Island Syndrome: a study of helminth parasites of feral cats and black rats on Christmas Island *Australasian Journal of Environmental Management* **25**, 99-118 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20163.pdf>

Evans SM, Sinclair EA, Poore AG, Bain KF, Vergés A (2018). Assessing the effect of genetic diversity on the early establishment of the threatened seagrass *Posidonia australis* using a reciprocal-transplant experiment *Restoration Ecology* **26**, 570-580 <https://library.dbca.wa.gov.au/static/FullTextFiles/080497-26.001.pdf>

Godfrey SS, Keatley S, Botero A, Thompson CK, Wayne AF, Lymbery AJ et al. [Morris K] (2018). Trypanosome co-infections increase in a declining marsupial population *International Journal for Parasitology: Parasites and Wildlife* **7**, 221-227 <https://library.dbca.wa.gov.au/static/StaffOnly/C20183.pdf>

Goetze JS, Claudet J, Januchowski-Hartley F, Langlois TJ, Wilson SK, White C et al. (2018). Demonstrating multiple benefits from periodically harvested fisheries closures *Journal of Applied Ecology* **55**, 1102-1113 <https://library.dbca.wa.gov.au/static/FullTextFiles/081115-55.001.pdf>

Groom C, Warren K, Mawson P (2018). Survival and reintegration of rehabilitated Carnaby's cockatoos (*Zanda latirostris*) into wild flocks *Bird Conservation International* **28**, 86-99 <https://library.dbca.wa.gov.au/static/StaffOnly/C20061.pdf>

Hammer TA, Davis RW (2018). *Ptilotus actinocladus* (Amaranthaceae), a new and rare species from the Gascoyne bioregion, Western Australia *Nuytsia* **29**, 145-149 <https://library.dbca.wa.gov.au/static/FullTextFiles\080057-29.012.pdf>

Hartmann H, Moura CF, Anderegg WRL, Ruehr NK, Salmon Y, Allen CD et al. [Ruthrof KX] (2018). Research frontiers for improving our understanding of drought-induced tree and forest mortality *New Phytologist* **218**, 15-28 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20209.pdf>

Hevroy TH, Moody ML, Krauss SL (2018). Population genetic analysis reveals barriers and corridors for gene flow within and among riparian populations of a rare plant *Arboreal Plants* **10**, 1-12 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20210.pdf>

Hollis JJ, McCaw WL, Cruz MG (2018). The effect of woody fuel characteristics on fuel ignition and consumption: a case study from a eucalypt forest in south-west Western Australia *International Journal of Wildland Fire* **27**, 363-375 <https://library.dbca.wa.gov.au/static/StaffOnly/909354-27.003.pdf>

Hueso-González P, Muñoz-Rojas M, Martínez-Murillo JF (2018). The role of organic amendments in drylands restoration *Current Opinion in Environmental Science and Health* **5**, 1-6 <https://library.dbca.wa.gov.au/static/StaffOnly/C20211.pdf>

Huss JC, Schoeppler V, Merritt DJ, Best C, Maire E, Adrien J, et al. [Miller BP] (2018). Climate-dependent heat-triggered opening mechanism of *Banksia* seed pods *Advanced Science* **5**, 1-13 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20213.pdf>

Huss JC, Spaeker O, Gierlinger N, Merritt DJ, Miller BP, Neinhuis C et al. (2018). Temperature-induced self-sealing capability of *Banksia* follicles *Journal of the Royal Society Interface* **15**, 1-8 <https://library.dbca.wa.gov.au/static/StaffOnly/C20212.pdf>

Keighery G (2018). Swan Coastal Plain studies: taxonomic notes on *Bossiaea eriocarpa* Benth. and *Bossiaea ornata* (Lindl.) Benth. (Bossiaeeae: Fabaceae) *Western Australian Naturalist* **31**, 95-104 <https://library.dbca.wa.gov.au/static/StaffOnly/080202-31.005.pdf>

Keighery G, Keighery B (2018). *Ursinia nana* DC (Asteraceae) is naturalised in Western Australia *Western Australian Naturalist* **31**, 78-81 <https://library.dbca.wa.gov.au/static/StaffOnly/080202-31.004.pdf>

(Continued on page 3)

(Continued from page 2)

Kildisheva OA, Erickson TE, Merritt DJ, Madsen MD, Dixon KW, Vargas J *et al.* (2018). Do abrasion- or temperature-based techniques more effectively relieve physical dormancy in seeds of cold desert perennials? *Rangeland Ecology and Management* **71**, 318-322 <https://library.dbca.wa.gov.au/static/StaffOnly/C20214.pdf>

Kneller T, Harris RJ, Bateman A, Muñoz-Rojas M (2018). Native-plant amendments and topsoil addition enhance soil function in post-mining arid grasslands *Science of the Total Environment* **621**, 744-752 <https://library.dbca.wa.gov.au/static/StaffOnly/C20215.pdf>

Lebel T, Pennycook S, Barrett M (2018). Two new species of *Pisolithus* (Sclerodermataceae) from Australasia, and an assessment of the confused nomenclature of *P. tinctorius* *Phytotaxa* **348**, 163-186 <https://library.dbca.wa.gov.au/static/StaffOnly/C20216.pdf>

Lewandrowski W, Erickson TE, Dalziell EL, Stevens JC (2018). Ecological niche and bet-hedging strategies for *Triodia* (R.Br.) seed germination *Annals of Botany* **121**, 367-375 <https://library.dbca.wa.gov.au/static/StaffOnly/C20178.pdf>

Llorens TM, Yates CJ, Byrne M, Elliott CP, Sampson J, Fairman R *et al.* [Macdonald B, Coates DJ] (2018). Altered soil properties inhibit fruit set but increase progeny performance for a foundation tree in a highly fragmented landscape *Frontiers in Ecology and Evolution* **6**, 1-16 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20152.pdf>

Matheny PB, Bougher NL (2018). Replacement names for two Australian species of *Inocybe* *Mycotaxon* **133**, 173-174 <https://library.dbca.wa.gov.au/static/StaffOnly/C20155.pdf>

Moniodis J, Renton M, Jones CG, Barbour EL, Byrne M (2018). Genetic and environmental parameters show associations with essential oil composition in West Australian sandalwood (*Santalum spicatum*) *Australian Journal of Botany* **66**, 48-58 <https://library.dbca.wa.gov.au/static/StaffOnly/602166-66.001.pdf>

Moustaka M, Langlois TJ, McLean D, Bond T, Fisher, R, Fearn P *et al.* [Evans R] (2018). The effects of suspended sediment on coral reef fish assemblages and feeding guilds of north-west Australia *Coral Reefs* **37**, 659-673 <https://library.dbca.wa.gov.au/static/StaffOnly/C20161.pdf>

Muñoz-Rojas M, Chilton A, Liyanage GS, Erickson TE, Merritt DJ, Neilan BA *et al.* (2018). Effects of indigenous soil cyanobacteria on seed germination and seedling growth of arid species used in restoration *Plant and Soil* **429**, 91-100 <https://library.dbca.wa.gov.au/static/StaffOnly/C20217.pdf>

Nicolle D, Barrett RL (2018). *Eucalyptus revelata*, a rare new species related to *E. mooreana* (Myrtaceae) from the Kimberley region of Western Australia *Nuytsia* **29**, 109-118 <https://library.dbca.wa.gov.au/static/FullTextFiles\080057-29.009.pdf>

Northover AS, Lymbery AJ, Wayne AF, Godfrey SS, Thompson RCA (2018). The hidden consequences of altering host-parasite relationships during fauna translocations *Biological Conservation* **220**, 140-148 <https://library.dbca.wa.gov.au/static/StaffOnly/080467-220.001.pdf>

Obbens F, Barrett MD (2018). Reinstatement and lectotypification of *Calandrinia tepperiana* (Montiaceae) *Nuytsia* **29**, 21-24 <https://library.dbca.wa.gov.au/static/FullTextFiles\080057-29.003.pdf>

Parker CM, Percy-Bower JM (2018). Updates to Western Australia's vascular plant census for 2017 *Nuytsia* **29**, 1-16 <https://library.dbca.wa.gov.au/static/FullTextFiles\080057-29.001.pdf>

Pereira P, Bogunovic I, Muñoz-Rojas M, Brevik EC (2018). Soil ecosystem services, sustainability, valuation and management *Current Opinion in Environmental Science and Health* **5**, 7-13 <https://library.dbca.wa.gov.au/static/StaffOnly/C20220.pdf>

Phillips RD, Peakall R (2018). Breaking the rules: discovery of sexual deception in *Caladenia abbreviata* (Orchidaceae), a species with brightly coloured flowers and a non-insectiform labellum *Australian Journal of Botany* **66**, 95-100 <https://library.dbca.wa.gov.au/static/StaffOnly/602166-66.005.pdf>

Poh B, Tweedley JR, Chaplin JA, Trayler KM, Loneragan NR (2018). Estimating predation rates of restocked individuals: the influence of timing-of-release on metapenaeid survival *Fisheries Research* **198**, 165-179 <https://library.dbca.wa.gov.au/static/StaffOnly/C20189.pdf>

Ramalho CE, Ottewell KM, Chambers BK, Yates CJ, Wilson BA, Bencini R *et al.* (2018). Demographic and genetic viability of a medium-sized ground-dwelling mammal in a fire prone, rapidly urbanizing landscape *PLoS One* **13**, 1-21 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20143.pdf>

Ruthrof KX, Fontaine JB, Hopkins AJM, McHenry MP, O'Hara G, McComb J *et al.* (2018). Potassium amendment increases biomass and reduces heavy metal concentrations in *Lablab purpureus* after phosphate mining *Land Degradation and Development* **29**, 398-407 <https://library.dbca.wa.gov.au/static/StaffOnly/C20218.pdf>

(Continued on page 4)

(Continued from page 3)

Ruthrof KX, Steel E, Misra S, McComb J, O'Hara G, Hardy GESJ et al. (2018). Transitioning from phosphate mining to agriculture: responses to urea and slow release fertilizers for *Sorghum bicolor* *Science of the Total Environment* **625**, 1-7 <https://library.dbca.wa.gov.au/static/StaffOnly/C20219.pdf>

Saarela JM, Burke SV, Wysocki WP, Barrett MD, Clark LG, Craine JM et al. (2018). A 250 plastome phylogeny of the grass family (Poaceae): topological support under different data partitions *PeerJ* **6**, 1-71 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20223.pdf>

Schmid JR, Tucker AD (2018). Comparing diets of Kemp's ridley sea turtles (*Lepidochelys kempii*) in mangrove estuaries of southwest Florida *Journal of Herpetology* **52**, 252-258 <https://library.dbca.wa.gov.au/static/StaffOnly/080794-52.001.pdf>

Shedley E, Burrows N, Yates CJ, Coates DJ (2018). Using bioregional variation in fire history and fire response attributes as a basis for managing threatened flora in a fire-prone Mediterranean climate biodiversity hotspot *Australian Journal of Botany* **66**, 134-143 <https://library.dbca.wa.gov.au/static/StaffOnly/602166-66.002.pdf>

Shepherd KA (2018). *Tecticornia willisii* (Chenopodiaceae), a new samphire from the Little Sandy Desert in Western Australia *Nuytsia* **29**, 141-144 <https://library.dbca.wa.gov.au/static/FullTextFiles\080057-29.011.pdf>

Shepherd KA, Wilkins CF (2018). *Commersonia corniculata* (Malvaceae), a new name for *C. cygnorum* *Nuytsia* **29**, 67-68 <https://library.dbca.wa.gov.au/static/FullTextFiles\080057-29.006.pdf>

Shine R, Everitt C, Woods D, Pearson DJ (2018). An evaluation of methods used to cull invasive cane toads in tropical Australia *Journal of Pest Science* **91**, 1081-1091 <https://library.dbca.wa.gov.au/static/StaffOnly/C20188.pdf>

Stanbury KE, Stevens JC, Ritchie AL (2018). Legacy issues in post-pine (*Pinus pinaster*) restoration environments: weeds compromise seedling growth and function more than edaphic factors *Land Degradation and Development* **29**, 1694-1704 <https://library.dbca.wa.gov.au/static/StaffOnly/C20182.pdf>

Supple MA, Bragg JG, Broadhurst LM, Nicotra AB, Byrne M, Andrew RL et al. (2018). Landscape genomic prediction for restoration of a *Eucalyptus* foundation species under climate change *eLife* **7**, 1-22 <https://library.dbca.wa.gov.au/static/StaffOnly/C20190.pdf>

Tangney R, Issa NA, Merritt DJ, Callow JN, Miller BP (2018). A method for extensive spatiotemporal assessment of soil temperatures during an experimental fire using distributed temperature sensing in optical fibre *International Journal of Wildland Fire* **27**, 135-140 <https://library.dbca.wa.gov.au/static/StaffOnly/909354-27.001.pdf>

Tarszisz E, Tomlinson S, Harrison ME, Morrough-Bernard HC, Munn AJ (2018). Gardeners of the forest: effects of seed handling and ingestion by orangutans on germination success of peat forest plants *Biological Journal of the Linnean Society* **123**, 125-134 <https://library.dbca.wa.gov.au/static/StaffOnly/080260-123.002.pdf>

Taylor HR, Radford IJ, Price C, Grierson P (2018). Low resource availability limits weed invasion of tropical savannas *Biological Invasions* **20**, 861-875 <https://library.dbca.wa.gov.au/static/StaffOnly/C20073.pdf>

Thavornkanlapachai R, Ladd PG, Byrne M (2018). Population density and size influence pollen dispersal pattern and mating system of the predominantly outcrossed *Banksia nivea* (Proteaceae) in a threatened ecological community *Biological Journal of the Linnean Society* **124**, 492-503 <https://library.dbca.wa.gov.au/static/StaffOnly/080260-124.001.pdf>

Tomlinson S, Dalziell EL, Withers PC, Lewandrowski W, Dixon KW, Merritt DJ (2018). Measuring metabolic rates of small terrestrial organisms by fluorescence based closed-system respirometry *Journal of Experimental Biology* **221**, 1-27 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20226.pdf>

Tomlinson S, Webber BL, Bradshaw SD, Dixon KW, Renton M (2018). Incorporating biophysical ecology into high-resolution restoration targets: insect pollinator habitat suitability models *Restoration Ecology* **26**, 338-347 <https://library.dbca.wa.gov.au/static/StaffOnly/080497-26.002.pdf>

Tucker AD, Baldwin R, Willson A, Al Kiyumi A, Al Harthi S, Schroeder B et al. (2018). Revised clutch frequency estimates for Masirah Island loggerhead turtles (*Caretta caretta*) *Herpetological Conservation and Biology* **13**, 158-166 <https://library.dbca.wa.gov.au/static/StaffOnly/C20153.pdf>

Wenger AS, Adams VM, Iacona GD, Lohr C, Pressey RL, Morris K et al. (2018). Estimating realistic costs for strategic management planning of invasive species eradications on islands *Biological Invasions* **20**, 1287-1305 <https://library.dbca.wa.gov.au/static/StaffOnly/C20094.pdf>

(Continued on page 5)

(Continued from page 4)

Wilson SK, Depczynski M, Fisher R, Holmes TH, Noble MM, Radford BT *et al.* [Rule M, Shedrawi G] (2018). Climatic forcing and larval dispersal capabilities shape the replenishment of fishes and their habitat-forming biota on a tropical coral reef *Ecology and Evolution* **8**, 1918-1928 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20173.pdf>

Woinarski JCZ, Murphy BP, Palmer R, Legge SM, Dickman CR, Doherty TS *et al.* (2018). How many reptiles are killed by cats in Australia? *Wildlife Research* **45**, 247-266 <https://library.dbca.wa.gov.au/static/StaffOnly/080279-45.001.pdf>

Woolley L-A, Murphy BP, Radford IJ, Westaway J, Woinarski JCZ (2018). Cyclones, fire, and termites: the drivers of tree hollow abundance in northern Australia's mesic tropical savanna *Forest Ecology and Management* **419/420**, 146-159 <https://library.dbca.wa.gov.au/static/FullTextFiles/904717-419.001.pdf>

Zosky KL, Wayne AF, Bryant KA, Calver MC, Scarff FR (2018). Diet of the critically endangered woylie (*Bettongia penicillata ogilbyi*) in south-western Australia *Australian Journal of Zoology* **65**, 302-312 <https://library.dbca.wa.gov.au/static/StaffOnly/080317-65.003.pdf>

Books/Chapters

Ball D, Moro D, Bryant S (2018). Australian islands: current thinking, emerging themes and a way forward to manage these offshore assets In *Australian Island Arks: Conservation, Management and Opportunities* (eds D Moro, D Ball, S Bryant). pp. 235-247. CSIRO Publishing, Melbourne. <https://library.dbca.wa.gov.au/static/StaffOnly/629128.005.pdf>

Burbidge AH, Russell E (2018). A history of ornithology in Western Australia In *Contributions to the History of Australasian Ornithology. Volume IV* (eds WE Davis, WE Boles, HF Recher). *Memoirs of the Nuttall Ornithological Club* **23**, pp. 459-544. <https://library.dbca.wa.gov.au/static/StaffOnly/C20187.pdf>

Harley D, Mawson PR, Olds L, McFadden M, Hogg C (2018). The contribution of captive breeding in zoos to the conservation of Australia's threatened fauna In *Recovering Australian Threatened Species: a Book of Hope* (eds S Garnett, P Latch, D Lindenmayer *et al.*). pp. 281-294. CSIRO Publishing, Melbourne. <https://library.dbca.wa.gov.au/static/StaffOnly/629204.004.pdf>

Huisman JM (2018). *Algae of Australia: Marine Benthic Algae of North-Western Australia, 2. Red Algae*. ABRS, Canberra. 672 p.

Kuchling G, Burbidge A, Page M, Olejnik C (2018). Western swamp tortoise: slow and steady wins the race In *Recovering Australian Threatened Species: a Book of Hope* (eds S Garnett, P Latch, D Lindenmayer *et al.*). pp. 217-226. CSIRO Publishing, Melbourne. <https://library.dbca.wa.gov.au/static/StaffOnly/629204.003.pdf>

Lohr CA, Baker CM, Bode M, Pressey RL (2018). What's next on the list? Prioritizing management actions on Australia's islands In *Australian Island Arks: Conservation, Management and Opportunities* (eds D Moro, D Ball, S Bryant). pp. 71-83. CSIRO Publishing, Melbourne. <https://library.dbca.wa.gov.au/static/StaffOnly/629128.003.pdf>

Moro D, Ball D, Bryant S (2018). Introduction: Australian island arks In *Australian Island Arks: Conservation, Management and Opportunities* (eds D Moro, D Ball, S Bryant). pp. 1-9. CSIRO Publishing, Melbourne. <https://library.dbca.wa.gov.au/static/StaffOnly/629128.001.pdf>

Moro D, Ball D, Bryant S (eds) (2018). *Australian Island Arks: Conservation, Management and Opportunities*. CSIRO Publishing, Melbourne. 264 p.

Moro D, van der Merwe J, Thomas M, Smith A, Lagdon R (2018). Integrating resource development with island conservation: Barrow Island as a model for conservation and development In *Australian Island Arks: Conservation, Management and Opportunities* (eds D Moro, D Ball, S Bryant). pp. 131-145. CSIRO Publishing, Melbourne. <https://library.dbca.wa.gov.au/static/StaffOnly/629128.004.pdf>

Morris K, Algar D, Armstrong D, Ball D, Bryant SL, Carty P *et al.* [Johnston M] (2018). Values of islands across Australia's states and territories In *Australian Island Arks: Conservation, Management and Opportunities* (eds D Moro, D Ball, S Bryant). pp. 11-43. CSIRO Publishing, Melbourne. <https://library.dbca.wa.gov.au/static/StaffOnly/629128.002.pdf>

Page M, Bradfield K, Williams K (2018). Underbelly: the tale of the threatened white-bellied frog In *Recovering Australian Threatened Species: a Book of Hope* (eds S Garnett, P Latch, D Lindenmayer *et al.*). pp. 207-215. CSIRO Publishing, Melbourne. <https://library.dbca.wa.gov.au/static/StaffOnly/629204.002.pdf>

Tucker A, Whiting S, Pendoley K, FitzSimmons N, Berry O, Mitchell N *et al.* (2018). Questions of scale: collaborative turtle research along the Kimberley's remotest coasts In *The Natural World of the Kimberley* (ed H McGlashan). pp. 164-181. Inlexio Publishing, <https://library.dbca.wa.gov.au/static/StaffOnly/629359.001.pdf>

(Continued on page 6)

Conference/Workshop Papers/Posters

Bourke L, Brown K, Paczkowska G (2018). Characterising the condition and function of the Greater Brixton Street Wetlands, Kenwick, Western Australia, to inform conservation management. Poster presented at the 14th Annual WA Wetland Management Conference 2018, Friday 2nd February 2018, Bibra Lake, Western Australia <https://library.dbca.wa.gov.au/static/FullTextFiles/926203.001.a.pdf>

Lyons M, Pinder A, Collins M, Lewis L, Quinlan K, Shiel R et al [Coppen R, Thompson F] (2018). Wetland biodiversity patterning along the middle to upper Fortescue valley (Pilbara, Western Australia) to inform conservation planning. Poster presented at the 14th Annual WA Wetland Management Conference 2018, Friday 2nd February 2018, Bibra Lake, Western Australia 7 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/926203.002.a.pdf>

Rostal D, Grumbles J, Fossette-Halot S, Tucker T, Whiting S (2018). Ultrasound study of reproductive structures in nesting Australian flatback sea turtles, *Natator depressus*. Poster presented at the Association of Southeastern Biologists 79th annual meeting, Myrtle Beach Sheraton and Convention Center, March 28-March 31, 2018 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20167.pdf>

Swiatek P, Pinder A, Gajda L (2018). Organizacja jajnika *Insulodrilus bifidus* (Clitellata: Phreodrilidae). Poster presented at the XXXIII Conference of Embryology, Plants-Animals-Humans, 23 May 2018-26 May 2018, Olsztyn, Poland <https://library.dbca.wa.gov.au/static/FullTextFiles/C20156.pdf>

Abstracts

Algar D (2018). Cat eradication on Dirk Hartog Island. PowerPoint presentation to WA Feral Cat Symposium, 31st May, 2018, Mandurah Performing Arts Centre 19 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/C20237.pdf>

Bancroft K, Shedrawi G (2018). Seawater temperature disturbances in recent time (POSTER ABSTRACT) In *Australian Coral Reef Society 91st Conference & AGM: Program, 15-17 May 2018, Ningaloo Centre, Exmouth, WA* p. 59. <https://library.dbca.wa.gov.au/static/StaffOnly/072283.007.pdf>

Bancroft KP, Murray K (2018). Significant decline in mangrove condition in Shark Bay Marine Park (ABSTRACT) In *Australian Mangrove and Saltmarsh Network Conference: Mangroves and Saltmarsh: the Urban Survivors: Macquarie University and Sydney Olympic Park Authority, Tuesday 17-Friday 20 April 2018* p. 19. <https://library.dbca.wa.gov.au/static/StaffOnly/926245.001.pdf>

Bourke L, Brown K, Paczkowska G, Pinder A, Cale D (2018). Characterising the condition and function of the Greater Brixton Street Wetlands, Kenwick, Western Australia, to inform conservation management (POSTER ABSTRACT) In *Program: 14th Annual WA Wetland Management Conference 2018: Celebrating World Wetlands Day, Friday 2nd February 2018, 9am to 4pm, Cockburn Wetlands Education Centre, 184 Hope Road, Bibra Lake, Western Australia 13-14* <https://library.dbca.wa.gov.au/static/FullTextFiles/926203.001.pdf>

Braby MF, Franklin DC, Bisa D, Williams MR, Williams AAE, Bishop CL et al. [Coppen RAM] (2018). Patterns of biodiversity of butterflies and diurnal moths in the monsoon tropics of northern Australia (ABSTRACT) In *8th International Conference on the Biology of Butterflies, 11-14 June 2018: Abstract Book 53-54* <https://library.dbca.wa.gov.au/static/FullTextFiles/926246.001.pdf>

Bradfield K, Lawrence C, Lambert C, Vitali S (2018). Saving native species in WA: collaborations are key. PowerPoint presentation at 24th Australasian Zoo and Aquarium Association Conference, Wellington, New Zealand. 21-24 May 2018 6 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/C20232.pdf>

Burrows N (2018). Predicting fire behaviour in spinifex grasslands. PowerPoint presentation for AFAC webinar 32 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/C20162.pdf>

Byrne M, Moro D, Kennedy M, Campbell S, Tizard M (2018). Gene editing for invasive species control: conservation considerations and knowledge gaps. Abstract of presentation to WA Feral Cat Symposium, 31st May 2018, Mandurah Performing Arts Centre p. 1. <https://library.dbca.wa.gov.au/static/FullTextFiles/C20235.pdf>

Byrne M, Moro D, Kennedy M, Campbell S, Tizard M (2018). Gene editing for invasive species control: conservation considerations and knowledge gaps. PowerPoint presentation to WA Feral Cat Symposium, 31st May, 2018, Mandurah Performing Arts Centre 14 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/C20235.a.pdf>

Clarke A (2018). Australasian bittern: an endangered waterbird we know very little about. PowerPoint presentation at World Wetlands Day, Albany Town Square, Saturday, February 3, 2018 19 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/C20138.pdf>

(Continued from page 6)

Collins B, Zich F, Palmer J, Brown G, Knight K, Schönberger I et al. (2018). Containing the spirits: lessons learned from the management of Australasian herbarium wet collections (ABSTRACT) *Biodiversity Information Science and Standards* 2, 1-2 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20185.pdf>

Cresswell A, Wilson S, Langlois T, Claudet J, Stuart-Smith R, Thomson D et al. [Holmes T] (2018). Investigating the effect of recreational fishing using 30 years of data from Ningaloo Marine Park, a meta-analysis (ABSTRACT) In *Australian Coral Reef Society 91st Conference & AGM: Program, 15-17 May 2018, Ningaloo Centre, Exmouth, WA* p. 30. <https://library.dbca.wa.gov.au/static/StaffOnly/072283.002.pdf>

Dziminski M, Shovellor W, Taylor B, Hunter R, Hunter I, Kitty S et al. [Carpenter FM] (2018). Bilbies where the desert meets the ocean: occupancy, abundance and habitat suitability in a key area towards which the natural distribution is contracting (ABSTRACT) In *64th Australian Mammal Society Meeting 2018, the University of Queensland: Conference Programme & Abstract List* p. 25. <https://library.dbca.wa.gov.au/static/StaffOnly/926249.001.pdf>

Dziminski MA, Morris K, van Leeuwen S (2018). Conservation and management of the bilby in Western Australia: projects in partnership with traditional owner rangers (POSTER ABSTRACT) In *64th Australian Mammal Society Meeting 2018, the University of Queensland: Conference Programme & Abstract List* p. 78. <https://library.dbca.wa.gov.au/static/StaffOnly/926249.003.pdf>

Evans R, Wilson SK, Ryan N, Fisher R, Babcock R, Blakeway D et al. (2018). Impact of repeated bleaching events on coral recovery in a turbid environment (ABSTRACT) In *Australian Coral Reef Society 91st Conference & AGM: Program, 15-17 May 2018, Ningaloo Centre, Exmouth, WA* p. 34. <https://library.dbca.wa.gov.au/static/StaffOnly/072283.003.pdf>

FitzSimmons NN, Berry O, Feutry P, Tucker T, Whiting S (2018). New insights from genomics? Testing new approaches to population genetics in flatback and green turtle populations in Australia (POSTER ABSTRACT) In *38th Annual Symposium on Sea Turtle Biology and Conservation: Presentation Abstracts, 18-23 February 2018, Kobe International Conference Center, Kobe, Japan* p. 272. <https://library.dbca.wa.gov.au/static/FullTextFiles/926204.006.pdf>

Fossette-Halot S, Loewenthal G, Tucker T, Mayer F, Whiting S (2018). Planning for the future: a broad-scale risk assessment of multiple anthropogenic threats to flatback turtles (ABSTRACT) In *5th International Marine Conservation Congress, 2018, 24th-29th June, Kuching, Sarawak: conference programme* p. 1. <https://library.dbca.wa.gov.au/static/FullTextFiles/C20165.pdf>

Friend JA, Button TA (2018). Habitat suitability assessment for the world's rarest marsupial, Gilbert's potoroo, by short-term release of pioneers (ABSTRACT) In *64th Australian Mammal Society Meeting 2018, the University of Queensland: Conference Programme & Abstract List* p. 32. <https://library.dbca.wa.gov.au/static/StaffOnly/926249.002.pdf>

Friend JA, Button TA (2018). Trial translocation allows assessment of habitat suitability for the world's rarest marsupial, Gilbert's potoroo (ABSTRACT) In *98th Annual Meeting of the American Society of Mammalogists, 25-29 June 2018, Kansas State University, Manhattan, Kansas: Abstract Book* p. 61. <https://library.dbca.wa.gov.au/static/StaffOnly/926250.001.pdf>

Goetze J, Jupiter S, Claudet J, Langlois T, Januchowski-Hartley F, Weeks R et al. [Wilson S] (2018). Periodically harvested closures provide short-term fisheries benefits (ABSTRACT) In *5th International Marine Conservation Congress, 2018, 24th-29th June, Kuching, Sarawak: conference programme* p. 1. <https://library.dbca.wa.gov.au/static/FullTextFiles/C20166.pdf>

Grierson PF, Oliver J, O'Donnell A, McCaw L (2018). Written in wood: what trees can tell us about rainfall and hydrology of the cave systems in the SWWA (ABSTRACT) In *Cave and Karst Management in Australasia XXII: Proceedings of the 22nd Australasian Conference on Cave and Karst Management, Margaret River, Western Australia, 2018* 179-180 <https://library.dbca.wa.gov.au/static/FullTextFiles/072281.001.pdf>

Holmes T, Friedman K, Rule M, Bancroft K, Shedrawi G, Wilson S et al. [Kendrick A] (2018). Monitoring for a purpose: a strategic program for monitoring coral reef communities throughout Western Australia's marine reserves (ABSTRACT) In *Australian Coral Reef Society 91st Conference & AGM: Program, 15-17 May 2018, Ningaloo Centre, Exmouth, WA* p. 39. <https://library.dbca.wa.gov.au/static/StaffOnly/072283.004.pdf>

(Continued on page 8)

(Continued from page 7)

Jackson J, Burbidge AH, Hamilton N, Greatwich B, Bamford M, Douglas T et al. [Page M, Pickles D] (2018). EIA and the night parrot: the challenge of a cryptic and poorly known critically endangered species (ABSTRACT) In *Environmental Management Workshop, 16-18 May 2018: Workshop Proceedings, WMC Centre, 44 McDonald St, Kalgoorlie, Western Australia* 175-197 <https://library.dbca.wa.gov.au/static/FullTextFiles/072282.001.pdf>

Jobson P, Birch J, Brown G, Bruhl JJ, Cave L, Hemmings F et al. [Knight K] (2018). Managers of Australasian Herbarium Collections (MAHC): a mark of curation excellence (ABSTRACT) *Biodiversity Information Science and Standards* 2, 1-2 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20184.pdf>

Knight K, Hemmings F, Jobson P, Bruhl J (2018). Size doesn't matter: fundamental requirements in relocating a herbarium (ABSTRACT) *Biodiversity Information Science and Standards* 2, 1-2 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20169.pdf>

Lohr C (2018). 18 years of conservation at Matuwa Kurrara Kurrara. PowerPoint presentation at CREATEC weekly seminar series, ECU Mount Lawley Campus, April 13th, 2018 30 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/C20168.pdf>

Lyons M, Pinder A, Collins M, Lewis L, Quinlan K, Shiel R et al [Coppin R, Thompson F] (2018). Wetland biodiversity patterning along the middle to upper Fortescue valley (Pilbara, Western Australia) to inform conservation planning (POSTER ABSTRACT) In *Program: 14th Annual WA Wetland Management Conference 2018: Celebrating World Wetlands Day, Friday 2nd February 2018, 9am to 4pm, Cockburn Wetlands Education Centre, 184 Hope Road, Bibra Lake, Western Australia* p. 15. Cockburn Wetlands Education Centre Inc, Bibra Lake. <https://library.dbca.wa.gov.au/static/FullTextFiles/926203.002.pdf>

Moustaka M, Langlois TJ, McLean D, Bond T, Fisher R, Fearn P et al. [Evans RD] (2018). The effects of suspended sediment on coral reef fish assemblages and feeding guilds of northwest Australia (ABSTRACT) In *Australian Coral Reef Society 91st Conference & AGM: Program, 15-17 May 2018, Ningaloo Centre, Exmouth, WA* p. 46. <https://library.dbca.wa.gov.au/static/StaffOnly/072283.005.pdf>

Munoz-Rojas M, Bateman A, Erickson TE, Chua M, Merritt DJ (2018). Innovative soil strategies for addressing knowledge gaps and enhancing training capabilities in post-mining restoration In *Landcare for the Future: Book of Abstracts: Santiago de Compostela, July 16-18, 2018* p. 81. <https://library.dbca.wa.gov.au/static/FullTextFiles/072285.001.pdf>

Rampant P, Zdunic K, Burrows N (2018). Enhanced fire behaviour prediction in spinifex grasslands of arid Australia using UAS and Landsat imagery. PowerPoint presentation at UAS4Enviro2018: 6th Conference on Unmanned Aerial Systems for Environmental Research: programme, June 27-29 2018, FESB, Split, Croatia 23 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/926247.001.a.pdf>

Richards Z, Berry O, Underwood J, Gilmour J, McMahon K, Hernawan U et al. [Evans R] (2018). Going with the flow: genomic insights into ecological connectivity in the Kimberley (POSTER ABSTRACT) In *Australian Coral Reef Society 91st Conference & AGM: Program, 15-17 May 2018, Ningaloo Centre, Exmouth, WA* 64-65 <https://library.dbca.wa.gov.au/static/StaffOnly/072283.008.pdf>

Strydom S, Rule M, Murray K, Bancroft K, Shedrawi G (2018). Mass seagrass declines, composition and spatial changes instigated by a marine heat wave in Shark Bay Marine Park (ABSTRACT) In *World Seagrass Conference 2018, International Seagrass Biology Workshop 13: Abstracts, 11 to 17 June 2018, UTown, National University of Singapore* p. 64. <https://library.dbca.wa.gov.au/static/FullTextFiles/924628.001.pdf>

Strydom S, Rule M, Murray K, Wilson S, Holmes T, Kendrick A (2018). Climatically-driven seagrass declines in Shark Bay Marine Park. PowerPoint presentation at World Seagrass Conference 2018, International Seagrass Biology Workshop 13: abstracts, 11 to 17 June, 2018, UTown, National University of Singapore In *World Seagrass Conference 2018, International Seagrass Biology Workshop 13: Abstracts, 11 to 17 June, 2018, UTown, National University of Singapore* 16 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/924628.001.a.pdf>

Tucker A, Avens L, Shaw J, Limpus C, Pendoley K, Guinea M et al. [Whiting S.] (2018). Skeletochronology with flatback turtles: can winter and summer hatchling cohorts be distinguished? (POSTER ABSTRACT) In *38th Annual Symposium on Sea Turtle Biology and Conservation: Presentation Abstracts, 18-23 February 2018, Kobe International Conference Center, Kobe, Japan* p. 149. <https://library.dbca.wa.gov.au/static/FullTextFiles/926204.004.pdf>

Tucker A, Pendoley K, Whiting S (2018). Distribution and abundance of nesting marine turtles in northwestern Australia: pairing the landscape and local perspectives (POSTER ABSTRACT) In *38th Annual Symposium on Sea Turtle Biology and Conservation: Presentation Abstracts, 18-23 February 2018, Kobe International Conference Center, Kobe, Japan* p. 263. <https://library.dbca.wa.gov.au/static/FullTextFiles/926204.005.pdf>

(Continued on page 9)

(Continued from page 8)

Tuckett C, de Bettignies T, Evans R, Wernberg T (2018). Ecology of high latitude coral assemblages in Western Australia (ABSTRACT) In *Australian Coral Reef Society 91st Conference & AGM: Program, 15-17 May 2018, Ningaloo Centre, Exmouth, WA* p. 55. <https://library.dbca.wa.gov.au/static/StaffOnly/072283.006.pdf>

Whiting S, Tucker T, Fossette S (2018). Flatback turtle conservation priorities: the intersection of biology, pressures, economics, stakeholders and politics (ABSTRACT) In *38th Annual Symposium on Sea Turtle Biology and Conservation: Presentation Abstracts, 18-23 February 2018, Kobe International Conference Center, Kobe, Japan* (comps T Ishihara, K Okamoto). p. 65. <https://library.dbca.wa.gov.au/static/FullTextFiles/926204.002.pdf>

Wilson P, Thums M, Whiting S, Pendoley K, Meehan M, Pattiaratchi C (2018). The impact of artificial light and structures on nearshore dispersal and predation rates of turtle hatchlings (ABSTRACT) In *38th Annual Symposium on Sea Turtle Biology and Conservation: Presentation Abstracts, 18-23 February 2018, Kobe International Conference Center, Kobe, Japan* (comps T Ishihara, K Okamoto). p. 39. <https://library.dbca.wa.gov.au/static/FullTextFiles/926204.001.pdf>

Wilson S (2018). Tropical macroalgal meadows: an important fish habitat? (ABSTRACT) In *Australian Coral Reef Society 91st Conference & AGM: Program, 15-17 May 2018, Ningaloo Centre, Exmouth, WA* p. 16. <https://library.dbca.wa.gov.au/static/StaffOnly/072283.001.pdf>

Woinarski J, Legge S, Murphy B, Palmer R et al. (2018). The impacts of feral cats on Australian wildlife. PowerPoint presentation to WA Feral Cat Symposium, 31st May, 2018, Mandurah Performing Arts Centre 28 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/C20236.pdf>

Young E, Stephens N, Vaughan-Higgins R, Whiting S, Blair D, O'Dea M et al. (2018). Preliminary insights into health status and pathological findings of the Indian Ocean sea turtles of Western Australia (ABSTRACT) In *38th Annual Symposium on Sea Turtle Biology and Conservation: Presentation Abstracts, 18-23 February 2018, Kobe International Conference Center, Kobe, Japan* (comps T Ishihara, K Okamoto). p. 112. <https://library.dbca.wa.gov.au/static/FullTextFiles/926204.003.pdf>

Zdunic K, Rampant P, Burrows N (2018). Enhanced fire behaviour prediction in spinifex grasslands of arid Australia using UAS and Landsat imagery (ABSTRACT) In *UAS4Enviro2018: 6th Conference on Unmanned Aerial Systems for Environmental Research: Programme, June 27-29 2018, FESB, Split, Croatia 37-38* <https://library.dbca.wa.gov.au/static/FullTextFiles/926247.001.pdf>

Reports/Chapters

Arnall SG (2018). Assisted migration of the western swamp turtle (*Pseudemys umbrina*): using ecoenergetics to inform translocation decisions under climate change. Thesis (PhD) University of Western Australia 333 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072280.pdf>

Brundrett M, Longman V, Wisoloth A, Jackson K, Collins M, Clarke K (2018). Banksia Woodland Restoration Project: annual report 6, January-December 2017. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 59 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072272.pdf>

Burrows N, Chapman, J (2018). Traditional and contemporary fire patterns in the Great Victoria Desert, Western Australia: final report Great Victoria Desert Biodiversity Trust Project GVD-P-17-002. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 38 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072258.pdf>

Cahill K, Rutherford J, Farmer D, Munday T (2017). Ground-based geophysics: results from an investigation near Lucky Bay, Perth, WA. CSIRO, Melbourne. 57 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072245.pdf>

Cale D, Pinder A (2018). Wheatbelt wetland biodiversity monitoring: fauna monitoring at Noobijup Swamp, 1998-2013. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 29 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072241.pdf>

Cale D, Pinder A (2018). Wheatbelt wetland biodiversity monitoring: fauna monitoring at Coyrecup Lake 1997-2012. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 28 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072242.pdf>

Chapman J, Zdunic K (2018). Red Hill annual desktop fire regime monitoring, 2017: report v 2.0. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 20 p. <https://library.dbca.wa.gov.au/static/StaffOnly/072269.pdf>

(Continued on page 10)

(Continued from page 9)

Chapman J, Zdunic K (2018). Yarraloola annual desktop fire regime monitoring, 2017: final report v 2.0. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 20 p. <https://library.dbca.wa.gov.au/static/StaffOnly/072270.pdf>

Clarke K, Glossop B, Brundrett M, Collins M (2017). Banksia Woodland Restoration Project: site selection for topsoil transfer and management actions. Department of Parks and Wildlife, Kensington, WA. 29 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072249.pdf>

Dunlop J, Birch N, Johnson B (2017). Northern quoll targeted surveys at Wall Creek and Mesa 228. Department of Biodiversity, Conservation and Attractions, Woodvale, WA. 43 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072250.pdf>

Gibson N (2018). Hydrological modelling of four ephemeral claypans in south-west Australia. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 7 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072244.pdf>

Gibson N, Langley MA, van Leeuwen S, Brown K (2014). Vascular flora of Katjarra in the Birriliburu Indigenous Protected Area: report to the Birriliburu native title claimants and Central Desert Native Title Services. Department of Parks and Wildlife, Kensington, WA. 37 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072223.pdf>

Hart R, Bougher N, Davison E (2018). Fungi foray at Alison Baird Reserve, 5 July 2015. R. Hart, Perth. 5 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/926210.pdf>

Johnston M, Znidarsic E (2018). Recommendations for the effective monitoring of cats and wildlife as part of an enhanced cat management program on French Island. Department of Biodiversity, Conservation and Attractions, Woodvale, WA. 41 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072264.pdf>

Moro D, Taylor J (2018). Decision support package for Operation Wanjarri: expanding fauna conservation in the rangelands. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 15 p. <https://library.dbca.wa.gov.au/static/StaffOnly/072268.pdf>

Palmer R, Anderson H (2018). Predator control baiting and monitoring program, Yarraloola and Red Hill, Pilbara region, Western Australia: 2017 annual report, year 3. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 56 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072243.pdf>

Penniford M (2018). Identifying priority species within the south-western Australian aquatic invertebrate fauna. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 68 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072273.pdf>

Penniford M (2018). Lake McLarty Invertebrate sampling October 2017: presented to Lake McLarty Technical Advisory Group, 19 June 2018. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 6 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072252.pdf>

Rutherford J, Cendón DI, Soerenson C, Batty S, Huntley B, Bourke L, et al. [Pinder A, Quinlan K, English V, Cootte M] (2018). Hydrological conceptualisation of the Walyarta mound springs. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 229 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072271.pdf>

Smith AL (2018). The behaviour of captive ghost bats (*Macroderma gigas*) during the breeding and post-breeding seasons. Thesis (MSc) Murdoch University 51 p. <https://library.dbca.wa.gov.au/static/StaffOnly/072277.pdf>

Van Dongen R, Huntley B (2018). Vegetation cover change assessment on Yarraloola and Red Hill remote sensing monitoring program report 2017. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 43 p. <https://library.dbca.wa.gov.au/static/StaffOnly/072247.pdf>

Williams AAE, Williams MR, Coppen RA (2018). Conservation of the arid bronze azure (*Ogyris subterrestris petrina*) and host sugar ant (*Camponotus terebrans*): survey results from *Camponotus terebrans* sites GIM 01, GIM 03, GIM 09, GIM 10, GIM 11, GIM 13, GIM 14, GIM 51, GIM 63, GIM 68 south of Southern Cross (2014) and *Camponotus terebrans* site east of Merredin (2018). Department of Biodiversity, Conservation and Attractions, Woodvale, WA. 23 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072251.pdf>

Williams MR (2018). Goat eradication program, Dirk Hartog Island: analysis of results to November 2017. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 6 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/072284.pdf>

Popular (Landscape, Newsletters, Letters, etc.)

Bezemer N (2018). Nothing lives forever *For People & Plants* 102, 31-33 <https://library.dbca.wa.gov.au/static/StaffOnly/623087-102.003.pdf>

(Continued on page 11)

(Continued from page 10)

Brown K, Collins J, Wege J, Huston B, Llorens T (2018). A protective partnership at Wandoo National Park *Landscape* **33(3)**, 25-27 <https://library.dbca.wa.gov.au/static/FullTextFiles\080052-33.03.004.pdf>

Brown V (2018). Activated carbon pelleting may solve restoration challenges in the wheatbelt *For People & Plants* **101**, 30-32 <https://library.dbca.wa.gov.au/static/StaffOnly/623087-101.003.pdf>

Burbidge A, Bamford M, Boyland R, Douglas T, Peck A (2018). Vanished and Vanishing Parrots. Profiling Extinct and Endangered Species by Joseph M. Forshaw, illustrated by Frank Knight 2017. Published by CSIRO Publishing & Comstock Publishing Associates, Clayton South, Vic. and Ithaca and London. xxvi plus 323 pages, quarto, eight line drawings, 58 colour plates, more than 60 maps. Hard cover/dust wrapper, \$150.00. ISBN: 9780643096325 (BOOK REVIEW) *Western Australian Bird Notes* **165**, 10-12 <https://library.dbca.wa.gov.au/static/StaffOnly/081012-165.001.pdf>

Burbidge A, Mather S (eds) (2018). Western Australian bird notes: quarterly newsletter of the Western Australian Branch of BirdLife Australia. No. 165, March 2018 56 p.

Burbidge A, Mather S (eds) (2018). Western Australian bird notes: quarterly newsletter of the Western Australian Branch of BirdLife Australia. No. 166, June 2018 56 p.

Burrows N (2018). AFAC webinar: Predicting fire behaviour in spinifex grasslands. Available at: <https://www.youtube.com/watch?v=xIU44OgRCA> National Council for Fire and Emergency Services, Melbourne.

Comer S, Danks A, Berryman A, Cowan S (2018). Living on the edge: the survival of the noisy scrub-bird *Landscape* **33(3)**, 28-33 <https://library.dbca.wa.gov.au/static/FullTextFiles\080052-33.03.005.pdf>

Dalziell E (2018). New oxygen sensing technology helps King Park scientists understand how seeds age *For People & Plants* **101**, 27-29 <https://library.dbca.wa.gov.au/static/StaffOnly/623087-101.002.pdf>

Greatwich B, Sonneman T, Burbidge A (2018). Kimberley gems: purple-crowned fairy-wrens *Landscape* **33(4)**, 18-22 <https://library.dbca.wa.gov.au/static/FullTextFiles\080052-33.04-003.pdf>

Huisman J (2018). Spanning the centuries *Landscape* **33(3)**, p. 47. <https://library.dbca.wa.gov.au/static/FullTextFiles\080052-33.03.009.pdf>

Krauss S (2018). Future conservationists get a taste of research *For People & Plants* **102**, 23-26 <https://library.dbca.wa.gov.au/static/StaffOnly/623087-102.001.pdf>

Martin P, Martinez-Ansemil E, Pinder A, Timm T, Wetzel MJ (2016). Annelida-Oligochaeta checklist. Available at: <http://fada.biodiversity.be/group/show/12> Belgian Biodiversity Platform, Brussels. 57 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/C20158.pdf>

Moro D, Byrne M, Kennedy M, Campbell S, Tizard M (2018). Filling in the knowledge gaps *Wildlife Australia* **55(2)**, 11-14 <https://library.dbca.wa.gov.au/static/StaffOnly/080892-55.001.pdf>

Munoz-Rojas M, Bateman A, Erickson TE, Chua M, Merritt DJ (2018). Innovative soil strategies for addressing knowledge gaps to inform post-mining restoration. Video presentation at LandCare for the Future: Santiago de Compostela, Spain, 16-17 July, 2018. Available at: <https://www.youtube.com/watch?v=56yF82Vfh6Q&feature=youtu.b>

North West Shelf Flatback Turtle Conservation Program (2018). Turtle watching code of conduct (LEAFLET). Department of Biodiversity, Conservation and Attractions, Kensington, WA. 1 pamphlet <https://library.dbca.wa.gov.au/static/FullTextFiles/PAMO4266.pdf>

Rayner K, Cowen S, Sims C, Garretson S, Angus J, Morris K (2018). Welcoming the wallabies to Wirruwana *Landscape* **33(4)**, 28-34 <https://library.dbca.wa.gov.au/static/FullTextFiles\080052-33.04.006.pdf>

Ruthrof K, Miller B, Fontaine J, Enright N, Miller R, Tangney R (2018). Prescribed burning in Perth's bushlands: where, when and how much? *For People & Plants* **101**, 22-26 <https://library.dbca.wa.gov.au/static/StaffOnly/623087-101.001.pdf>

Shedrawi G, Bertram A, Evans M, Kendrick A, Clitheroe E, Bancroft K (2018). Engaging the community: a little penguin citizen science project. Available at <https://www.dpaw.wa.gov.au/about-us/science-and-research/publications-resources/111-science-division-information-sheets> Department of Biodiversity, Conservation and Attractions, Western Australia, Information Sheet **92/2018**. DBCA, Kensington, WA. 2 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/081043-92.pdf>

Turner S, Elliott C (2018). Science and industry to the rescue for rare banded ironstone wedding bush *For People & Plants* **102**, 27-30 <https://library.dbca.wa.gov.au/static/StaffOnly/623087-102.002.pdf>

(Continued on page 12)

Management plans (Prescriptions, Guidelines, Recovery Plan Reports)

English V (2018). Monsoon vine thickets on the coastal sand dunes of the Dampier Peninsula, 2018-2023 Department of Parks and Wildlife, Western Australia, Interim Recovery Plan **383**. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 72 p. <https://library.dbca.wa.gov.au/static/FullTextFiles/080548-383.pdf>

Species Account

Dixon KR, Huisman JM (2018). Rhizophyllidaceae In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 192-199. ABRIS, Canberra.

Harvey AS, Woelkerling WJ, Huisman JM (2018). *Amphiroa* In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 98-105. ABRIS, Canberra.

Huisman JM, Boo GH, Boo SM (2018). Gelidiales In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 245-264. ABRIS, Canberra.

Huisman JM, Boo GH, Boo SM, Lin S-M (2018). Galaxauraceae In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 30-49. ABRIS, Canberra.

Huisman JM, De Clerck O (2018). Halymeniaceae In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 279-294. ABRIS, Canberra.

Huisman JM, Lin S-M (2018). Delesseriaceae In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 437-439, 458-477. ABRIS, Canberra.

Huisman JM, Lin S-M (2018). Liagoraceae In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 49-77. ABRIS, Canberra.

Huisman JM, Lin S-M (2018). Yamadaellaceae In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 77-80. ABRIS, Canberra.

Huisman JM, Saunders GW (2018). Hymenocladaceae In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 318-324. ABRIS, Canberra.

Huisman JM, Saunders GW (2018). Kallymeniaceae In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 184-192. ABRIS, Canberra.

Huisman JM, Saunders GW (2018). Sebdeniales In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 298-303. ABRIS, Canberra.

Huisman JM, Saunders GW (2018). Tsengiaceae In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 295-297. ABRIS, Canberra.

Huisman JM, Woelkerling WJ (2018). Acrochaetiales In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 18-22. ABRIS, Canberra.

Huisman JM, Woelkerling WJ (2018). Colaonematales In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 23-28. ABRIS, Canberra.

Metti Y, Huisman JM, Millar AJK (2018). *Laurencia* In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 521-530. ABRIS, Canberra.

Metti Y, Huisman JM, Millar AJK (2018). *Palisada* In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 552-556. ABRIS, Canberra.

Townsend RA, Huisman JM (2018). Coralline algae In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 105-138. ABRIS, Canberra.

Townsend RA, Woelkerling WJ, Saunders GW, Huisman JM (2018). *Rhizolamellia* In *Algae of Australia: Marine Benthic Algae of North-Western Australia. 2, Red Algae* pp. 139-142. ABRIS, Canberra.

Submitted

Ahrens CW, Mazanec RA, Paap T, Ruthrof KX, Challis A, Hardy G et al. [Byrne M] (submitted). Heritability of complex traits and standing genetic variation along climatic gradients provide adaptive capacity for growth and pre-adaptation to a novel pathogen in a foundation tree

Algar D, Johnston M, Tiller C, Fletcher J, Onus M, Desmond G et al. [Hamilton, N] (submitted). Feral cat eradication on Dirk Hartog Island, Western Australia (ABSTRACT) In *Island Arks Symposium VI - Rottnest Island, Western Australia, February 2019*

Bach L, Saunders B, Newman S, Holmes T, Harvey E (submitted). Cross and long-shore variations in reef fish assemblage structure and implications for biodiversity management *Estuarine, Coastal and Shelf Science*

Barlow J, França F, Gardner TA, Hicks CC, Lennox GD, Berenguer E et al. [Wilson SK] (submitted). The future of hyperdiverse tropical ecosystems *Nature*

Bell U (submitted). Native grasses of Perth hills: a field guide to identification. East Region Metropolitan Council,

(Continued from page 12)

Bessey C, Rule MJ, Dasey M, Brearley A, Huisman J, Wilson S *et al.* [Kendrick AJ] (submitted). Geology is a significant indicator of algal cover and invertebrate species composition on intertidal reefs of Ngari Capes Marine Park, south-west Australia *Marine and Freshwater Research*

Binks R, Gibson N, Ottewell K, Macdonald B, Byrne M (submitted). Predicting contemporary range-wide genomic variation using climatic, phylogeographic and morphological knowledge in an ancient, unglaciated landscape *Journal of Biogeography*

Bishop MJ, Alleway HK, Bay LK, Booth DJ, Brown B, Burrows D *et al.* [Sinclair EA] (submitted). From little things big things grow: towards large-scale repair of coastal ecosystems *Restoration Ecology*

Blythman M, Sansom J (submitted). Devitalising bird seed at home to prevent weed dispersal by birds *Australian Field Ornithology*

Brown VS, Ritchie AL, Stevens JC, Harris R, Madsen MD, Erickson TE (submitted). Protecting direct seeded grasses from herbicide application: new extruded pellet formulations for use in restoring natural plant communities? *Plant and Soil*

Burbidge AH, Night Parrot Recovery Team (submitted). What's been happening with night parrots? *Australian Birdlife*

Burrows N, Ward B, Wills A, Williams M, Cranfield R (submitted). Fine scale temporal turnover of jarrah forest understory vegetation assemblages is independent of fire regime *Journal of Plant Ecology*

Coates D, Barrett S, Dillon R (submitted). Case study: Threatened plant translocation *Banksia brownii* (feather leaved *Banksia*), Proteaceae *Australasian Plant Conservation*

Cochrane A (submitted). Effects of temperature on germination in eight Western Australian herbaceous species *Folia Geobotanica*

Cochrane A (submitted). Multi-year sampling approaches provide insight into the bet hedging capacity of the soil-stored seed reserve of a threatened *Acacia* species from Western Australia *Oecologia*

Cochrane A (submitted). Temperature thresholds for germination in 20 short-range endemic plant species from a greenstone belt in the South West of Western Australia *Plant Biology*

Crawford A (submitted). Conserving the pyramid mulla-mulla *Bushland News*

Darling ES, McClanahan TR, Maina J, Gurney G, Graham NAJ, Januchowski-Hartley F *et al.* [Shedrawi G, Wilson S] (submitted). Strategic conservation and management of coral reefs in the Anthropocene *Science*

Densmore VS (submitted). Case study: SW WA, wetlands igniting in a drying climate In *AFAC Climate Change Discussion Paper*

Dillon SJ, Barrett R, Shepherd KA (submitted). *Corchorus fitzroyensis* (Malvaceae: Grewioideae), a new species from Western Australia's Kimberley region *Nuytsia*

Getzin S, Yizhaq H, Munoz-Rojas M, Wiegand K, Erickson TE (submitted). Fairy circles may form without termites: Australian evidence from drone-based image analysis and soil excavations *Ecosphere*

Gibson N, Brown K, Paczkowska G (submitted). Temporal changes in threatened ephemeral claypans over annual and 1 decadal timescales in south-west Australia *Australian Journal of Botany*

Gosper C, Williams M (submitted). Using ants to find a butterfly *Landscape*

Gosper CR, Fox E, Burbidge AH, Craig MD, Douglas TK, Fitzsimons JA *et al.* [Yates CJ] (submitted). Multi-century periods since fire in an intact woodland landscape favour bird species declining in an adjacent agricultural region *Biological Conservation*

Gosper CR, Prober SM, Fox L, Yates CJ (submitted). Time since fire and prior fire interval shape coarse woody debris dynamics in obligate-seeder woodlands *Ecosystems*

Gosper CR, Watson SJ, Fox E, Burbidge AH, Craig MD, Douglas TK *et al.* [Yates CJ] (submitted). Fire-mediated habitat change regulates woodland bird species and functional group occurrence over a multi-century timeframe *Ecological Applications*

Gray F, Cochrane A, Poot P (submitted). Germination response to variation in temperature and moisture availability among populations of the Australian native grass *Neurachne alopecuroidea* *Folia Geobotanica*

Harvey M, Abrams K, Car C, Didham R, Huey J, Humphreys W *et al.* [Pinder A] (submitted). Invertebrates in modern WA terrestrial and inland: water environments (ABSTRACT) In *Royal Society of Western Australia Symposium 2018: Landscapes, Seascapes & Biota: Unique WA - Past, Present and Future, Program and Abstracts. Royal Society of Western Australia, Friday 27 to Saturday 28 July 2018*

(Continued on page 14)

(Continued from page 13)

Hislop M (submitted). *Beyeria lateralis* (Euphorbiaceae), a previously overlooked new species from Western Australia's mallee region *Nuytsia*

Hislop M (submitted). *Olearia adpressa* (Asteraceae: Astereae), a geographically restricted new species from the midwest of Western Australia *Nuytsia*

Hislop M (submitted). *Styphelia capillaris* (Ericaceae: Epacridoideae: Styphelieae), a formal name for a species of threatened flora from the eastern Darling Range *Nuytsia*

Hislop M, Rye B (submitted). Following a path less trodden: the new apetalous species *Cryptandra subtilis* (Rhamnaceae) *Nuytsia*

Hislop M, Wege JA (submitted). A new wedding bush from the eastern goldfields of Western Australia (*Ricinocarpos digynus*: Euphorbiaceae) *Nuytsia*

Hoffmann AA, Rymer PD, Byrne M, Ruthrof KX, Whinam J, McGeoch M *et al.* (submitted). Impacts of recent climate change on terrestrial flora and fauna: some emerging Australian examples *Austral Ecology*

Huisman J (submitted). I see red *Landscape*

Leliaert F, Dioli Ann Payo DA, Gurgel CFD, Schils T, Draisma SGA, Saunders GW *et al.* [Huisman JM] (submitted). Patterns and drivers of species diversity in the Indo-Pacific red seaweed *Portieria Journal of Biogeography*

Liddel G, Wills A, Tunsell V (submitted). Wildfire and fire mosaic effects on bird species richness and community composition in south-western Australia *Fire Ecology*

Llewelyn J, Choyce NC, Phillips BL, Webb JK, Pearson DJ, Schwarzkopf L *et al.* (submitted). Behavioural responses of an Australian colubrid snake (*Dendrelaphis punctulatus*) to a novel toxic prey item (the cane toad *Rhinella marina*) *Biological Invasions*

Macfarlane T (submitted). A new fringed lily from Kalbarri National Park (*Thysanotus kalbarriensis*: Asparagaceae) *Nuytsia*

McCaw L (submitted). Understanding the changing fire environment of south-west Western Australia In *VIII International Conference on Forest Fire Research, Coimbra, Portugal, November 9th to 16th, 2018*

Millar MA, Coates DJ, Byrne M, Roberts JD (submitted). An integrated genetic approach to provenancing and establishment of founding individuals for restoration in the semi-arid midwest region of Western Australia *Australian Journal of Botany*

Miller R, Miller B, Merritt D, Fontaine J, Enright N (submitted). Seedling recruitment success linked to season of fire in a Mediterranean-climate woodland (ABSTRACT) In *Ecological Society of Australia Conference 2018, 25-30 November 2018, Royal International Convention Centre, Brisbane, Queensland*

Mirfakhraei B, Veneklaas E, Stevens J, Krauss S (submitted). Seed sourcing for plant restoration: performance of provenances along a climate gradient under water treatments (ABSTRACT) In *Ecological Society of Australia Conference 2018, 25-30 November 2018, Royal International Convention Centre, Brisbane, Queensland*

Monks L, Coates D, Dillon R (submitted). Case study: Threatened plant translocation *Acacia cochlocarpa* subsp. *cochlocarpa* (spiral fruited wattle), Fabaceae *Australasian Plant Conservation*

Murray K, Rule M, Huntley B (submitted). The behavioral and reproductive impacts of seagrass die-off in an apex predator, the bottlenose dolphin *Global Change Biology*

Onton K, Hassell CJ (submitted). Frequent flyers: the epic migration of Kimberley shorebirds In *The Natural World of the Kimberley*

Page M, Vitalli S (submitted). Advice to veterinarians regarding the treatment of wildlife *Veterinarian Surgeons Board Newsletter*

Pearson DJ, Neaves LE, Paxman M, Desmond A, Renwick J, Halley M *et al.* (submitted). Identification of a remnant population of the black-flanked rock-wallaby (*Petrogale lateralis*) in Kalbarri National Park, Western Australia and implications for management *Australian Mammalogy*

Pennells J, Schmidt S, Gamage H, Godwin ID, Erickson TE, Hosseinmardi A *et al.* (submitted). Effects of the growth environment on the yield and material properties of nanocellulose derived from the Australian desert grass *Triodia Industrial Crops and Products*

Penniford M, Pinder A (submitted). AusRivAS stream condition index In *South-west Catchment Council web-based environmental snapshot*

Perring MP, Erickson TE, Brancalion PHS (submitted). Rocketing restoration: enabling the upscaling of ecological restoration in the Anthropocene *Restoration Ecology*

Pinder A, Penniford M, Rutherford J, Lane J (submitted). Muir-Byenup wetlands acidification case-study In *South-west Catchment Council web-based environmental snapshot*

(Continued on page 15)

(Continued from page 14)

Rayner K, Lohr C, Speldewinde P, Garretson S, Morris K (submitted). Predictive modelling during planning: a retrospective case study of two species translocated to Doole Island in the Exmouth Gulf of Western Australia (ABSTRACT) In *Island Arks Symposium VI - Rottneest Island, Western Australia, February 2019*

Robinson J, Wilson S, Robinson J, Gerry C, Lucas J, Assan C, et al. (submitted). Productive instability of coral reef fisheries after climate-driven regime shifts *Nature Ecology and Evolution*

Robinson N, Williams M, Bowers D, Guralnick R (submitted). Exploring generalities in the drivers of diversity patterns in fragmented landscapes: a model cross-comparison analysis with butterflies *Ecography*

Ruthrof K (submitted). Prescribed burning in Cockburn's bushlands: where, when and how much? *Cockburn Soundings*

Ruthrof KX, Breshears DD, Fontaine JB, Froend RH, Matusick G, Kala J et al. [Miller BP, Wilson SK] (submitted). Tree die-off meets coral bleaching in massive terrestrial-marine multi-taxa heat wave event *Scientific Reports*

Ruthrof KX, Matusick G, Breshears DD, Fontaine JB, Froend RH, Kala J et al. [Miller BP, Wilson SK] (submitted). Ecological impacts of extreme climate events (ABSTRACT) In *Ecological Society of Australia Conference 2018, 25-30 November 2018, Royal International Convention Centre, Brisbane, Queensland*

Ruthrof K, Miller B, Fontaine J, Enright N, Miller R, Tangney R (submitted). Prescribed burning in Perth's bushlands: where, when and how much? *Murdoch University School of Veterinary and Life Sciences Bulletin*

Rycken S, Warren KS, Yeap L, Jackson B, Riley K, Page M et al. [Dawson R, Smith K, Mawson P] (submitted). Assessing flock integration of GPS tagged black cockatoos: utilisation of behavioural change point analysis *Journal of Wildlife Management*

Rye B (submitted). *Calytrix insperata* (Myrtaceae: Chamelaucieae): opportunistically discovered on vacation *Nuytsia*

Rye B (submitted). Clarification of miscellaneous synonyms in four genera of Myrtaceae tribe Chamelaucieae *Nuytsia*

Rye B (submitted). Description of the rare goldfields laceflower, *Thryptomene planiflora* (Myrtaceae) *Nuytsia*

Rye B, Hislop M (submitted). *Isopogon nutans* (Proteaceae), a new species sixty years in the making *Nuytsia*

Rye BL (submitted). An update to the taxonomy of some Western Australian genera of Myrtaceae tribe Chamelaucieae. 6, *Scholtzia Nuytsia*

Rye BL, Wege JA (submitted). A rediscovered rarity: *Pimelea cruciata* (Thymelaeaceae), a new species from Western Australia's mallee bioregion *Nuytsia*

Saatkamp A, Cochrane A, Commander L, Guja L, Jimenez-Alfaro B, Larson J et al. [Dalziell EL, Erickson TE, Golos PJ, Lewandrowski W, Merritt D, Miller BP, Miller RG, Tangney R, Tomlinson S, Turner S] (submitted). A research agenda for seed-trait functional ecology *New Phytologist*

Sansom J, Blythman M, Rayner K, Dadour L (submitted). Artificial nest box design for ground-nesting rock parrots (*Neophema petrophila*) *Australian Field Ornithology*

Smith K, Burbidge A, King R (submitted). Menacing or misunderstood? Understanding magpies *Landscape*

Sparrow B, Foulkes JN, White A, Wardle GM, Leitch EJ, Caddy-Retalic S et al. [van Leeuwen SJ] (submitted). A surveillance monitoring method for global rangeland ecosystems *Ecological Indicators*

Sparrow BD, Foulkes JN, White IA, Wardle GM, Leitch EJ, Caddy-Retalic S et al. [van Leeuwen SJ] (submitted). A vegetation survey method for surveillance monitoring of rangeland environments *Journal of Applied Vegetation Science*

Stevens J (submitted). Science partnerships can deliver restoration solutions, but urban spaces provide other challenges (ABSTRACT) In *Ecological Restoration Alliance of Botanic Gardens (ERA), Royal Botanical Gardens (RBG, Canada), 3rd October 2018*

Streczynski R, Clark H, Whelehan LM, Ang S-T, Hardstaff LK, Funnekotter B, Bunn E (submitted). Current issues in cryopreservation and importance for conserving threatened Australian native species *Australian Journal of Botany*

Sukhorukov AP, Nilova MV, Krinitsina AA, Zaika MA, Erst AS, Shepherd KA (submitted). Molecular phylogenetic data and seed coat anatomy resolve the generic position of some critical Chenopodioideae (Chenopodiaceae-Amaranthaceae) with reduced perianth segments *Phytokeys*

(Continued on page 16)

(Continued from page 15)

Sukhorukov AP, Nilova MV, Krinitsina AA, Zaika MA, Shepherd KA (submitted). Molecular phylogenetic data and seed coat morphology resolve the generic position of some critical Chenopodioideae (Chenopodiaceae-Amaranthaceae) with reduced perianth segments (ABSTRACT) In *Conference proceedings: Caryophyllales 2018, Instituto de Biología of the Universidad Nacional Autónoma de México (IBUNAM), Mexico City, 17 to 23 September 2018* <http://www.caryophyllales2018.ib.unam.mx/>

Swiatek P, Pinder A, Gajda L (submitted). Oogenesis and ovary organization in a phreodrilid annelid: *Insulodrilus bifidus* (ABSTRACT) In *Proceedings of the 14th International Symposium on Aquatic Oligochaeta, 10-14 Sep 2018, Hirosaki, Japan*

Tangney R, Merritt DJ, Fontaine JB, Miller BP (submitted). Seed moisture is the primary driver among traits that influence lethal temperature thresholds *Journal of Ecology*

Tangney R, Merritt DJ, Miller BP (submitted). Seed traits shape seed survival of fire of varying intensity and season (ABSTRACT) In *Ecological Society of Australia Conference 2018, 25-30 November 2018, Royal International Convention Centre, Brisbane, Queensland*

Tomlinson S (submitted). The mathematics of thermal sub-optimality: nonlinear regression characterization of thermal performance of reptile metabolic rates *Journal of Theoretical Biology*

Tomlinson S, Lewandrowski W, Elliott C, Miller B, Turner S (submitted). A novel approach to high resolution distribution modelling of short-range endemic flora: a case study of applied biogeography in Western Australia *Plant and Soil*

Udyawer V, Barnes P, Bonnet X, Brischoux F, Crowe-Riddell J, D'Anastasi B et al. [Kendrick A] (submitted). Future directions in marine snake research *Frontiers in Marine Science*

Valentine LE, Ruthrof KX, Fisher R, Hardy GESJ, Hobbs RJ, Fleming PA (submitted). Quenda facilitate seedling growth! *Decision Point*

Ward-Fear G, Balangarra Rangers, Pearson DJ, Bruton, R Shine R (submitted). Sharper eyes see shy lizards: collaboration with indigenous people can alter the outcome of a research program *Science*

Ward-Fear G, Brown GP, Pearson D, West A, Rollins L, Shine R (submitted). The ecological correlates of personality in free-ranging lizards *Ecosphere*

Wege JA, Davis RW (submitted). A latent lamb's poison: *Isotropis iophyta* (Fabaceae), a new toxic plant from Western Australia's arid zone

Wege JA, Davis RW (submitted). Better the devil you know: *Teucrium diabolicum* (Lamiaceae), a new species from mining tenements in the Coolgardie bioregion

Wege JA, Guerin GR (submitted). Living on the edge: *Hemigenia diadela* (Lamiaceae), a new species from remnant vegetation in Western Australia's northern Avon wheatbelt *Nuytsia*

Wege JA, Orchard AE (submitted). Shining some light on a poorly known species: *Haloragis luminosa* (Haloragaceae), a new Western Australian species from a threatened ecological community *Nuytsia*

Wilkins CF, Sandiford EM (submitted). The sky's the limit: a new native pea from montane habitats in the Stirling Range National Park (*Gompholobium glabristylum*: Fabaceae) *Landscape*

Contacts:

Science Assistant Director:
Stephen van Leeuwen
Stephen.vanLeeuwen@dbca.wa.gov.au
Ph: 9219 9042

Senior Policy Officer:
Kim Onton
kim.onton@dbca.wa.gov.au
Ph: 9219 9977

Partnerships
Stephen van Leeuwen
Stephen.vanLeeuwen@dbca.wa.gov.au
Ph: 9219 9042

Animal Science
Keith Morris
Keith.Morris@dbca.wa.gov.au
Ph: 9405 5159

Ecoinformatics
Paul Gioia
Paul.Gioia@dbca.wa.gov.au
Ph: 9219 9067

Ecosystem Science
Adrian Pinder
Adrian.Pinder@dbca.wa.gov.au
Ph: 9219 9868

Fire Science
Lachie McCaw & Ben Miller
lachie.mccaw@dbca.wa.gov.au
ben.miller@dbca.wa.gov.au
9771 7998
9480 3637

Kings Park Science
Jason Stevens
jason.stevens@dbca.wa.gov.au
9480 3639

Marine Science
Alan Kendrick
Alan.Kendrick@dbca.wa.gov.au
Ph: 9219 9793

Plant Science & Herbarium
Colin Yates
Colin.Yates@dbca.wa.gov.au
Ph: 9219 9079

Remote Sensing Science
Katherine Zdunic
katherine.zdunic@dbca.wa.gov.au
Ph: 9219 9584

Rivers & Estuaries Science
Kerry Trayler
kerry.trayler@dbca.wa.gov.au
Ph: 9278 0955

Rottneest Island Science
Shane Kearney
shane.kearney@dbca.wa.gov.au
Ph: 9432 9368

Species & Communities
Ken Atkins
Ken.Atkins@dbca.wa.gov.au
Ph: 9219 9512

Zoo Science
Peter Mawson
peter.mawson@dbca.wa.gov.au
Ph: 9474 0311

Library Contact:

General enquiries & requests:
Library@dbca.wa.gov.au
Ph: 9219 9058

Lisa Wright
Lisa.Wright@dbca.wa.gov.au
Ph: 9219 9091

Nicole Wreford
Library@dbca.wa.gov.au
Ph: 9219 9065