

SCIENCE COMMUNICATIONS

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Science Communications lists titles of publications, reports etc prepared by staff of Biodiversity Science and Conservation. This issue is for the period February 2020-July 2020.

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Margaret Byrne
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Journal Publications

Ahrens CW, Andrew M, Mazanec R, Ruthrof KX, Challis A, Hardy G et al. [Byrne M] (2020). Plant functional traits differ in adaptability and are predicted to be differentially affected by climate change. *Ecology and Evolution* **10**, 232-248 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081141/081141-10.002.pdf>

Alahakoon AACB, Perera GAD, Merritt DJ, Turner SR, Gama-Arachchige NS (2020). Species-specific smoke effects on seed germination of plants from different habitats from Sri Lanka. *Flora* **263**: 151530 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081529/081529-263.001.pdf>

Algar D, Johnston M, Tiller C, Onus M, Fletcher J, Desmond G et al. [Hamilton N] (2020). Feral cat eradication on Dirk Hartog Island, Western Australia. *Biological Invasions* **22**, 1037-1054 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080676/080676-22.001.pdf>

Alsih A, Leopold M, Murphy D, McGrath G (2020). Thermal imaging of a hydrophobic soil's response to surfactant application at the Avon River Catchment Critical Zone Observatory. *Geoderma* **368**: 114309 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081435/081435-368.001.pdf>

Anderson H, Valentine LE, Hardy GE St J, Flemming PA (2020). Relationship between the common brushtail possum (*Trichosurus vulpecula*) and tuart (*Eucalyptus gomphocephala*) tree decline in Western Australia. *Australian Mammalogy* **42**, 67-76 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080282/080282-42.003.pdf>

Ayre BM, Roberts DG, Phillips RD, Hopper SD, Krauss SL (2019). Near-neighbour optimal outcrossing in the bird-pollinated *Anigozanthos manglesii*. *Annals of Botany* **124**, 423-436 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081103/081103-124.001.pdf>

Ayre BM, Roberts DG, Phillips RD, Hopper SD, Krauss SL (2020). Effectiveness of native nectar-feeding birds and the introduced *Apis mellifera* as pollinators of the kangaroo paw, *Anigozanthos manglesii* (Haemodoraceae). *Australian Journal of Botany* **68**, 14-25 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081594/081594-68.001.pdf>

Bai L, Maslin BR, Triboun P, Xia N, Leong-Škornicková J (2019). Unravelling the identity and nomenclatural history of *Zingiber montanum* and establishing *Z. purpureum* as the correct name for Cassumunar ginger. *Taxon* **68**, 1334-1349 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/603801/603801-68.002.pdf>

Bain K, Wayne AF, Bencini R (2020). Spatial ecology of the quokka (*Setonix brachyurus*) in the southern forests of Western Australia: implications for the maintenance, or restoration, of functional metapopulations. *Australian Mammalogy* **42**, 38-47 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080282/080282-42.002.pdf>

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(Continued from page 1)

Ball JW, Robinson TP, Wardell-Johnson GW, Bovill J, Byrne M, Nevill PG (2020). Fine-scale species distribution modelling and genotyping by sequencing to examine hybridisation between two narrow endemic plant species. *Scientific Reports* **10**: 1562 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081220/081220-10.001.pdf>

Barbosa AD, Austen J, Portas TJ, Friend JA, Ahlstrom LA, Oskam CL et al. (2019). Sequence analyses at mitochondrial and nuclear loci reveal a novel *Theileria* sp. and aid in the phylogenetic resolution of piroplasms from Australian marsupials and ticks. *PLoS One* **14**: e0225822 <https://library.dbca.wa.gov.au/static/Journals/080292/080292-14.002.pdf>

Barratt P, Clarke A (2019). Unseasonally dry wetlands a challenge for the WA Bittern Project. *Western Australian Bird Notes* **172**, 20-21 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080290/080290-172.001.pdf>

Barrow D, Halford AR (2019). A modified biopsy needle with pole for repeatable tissue extraction from free-ranging crocodiles. *Wildlife Society Bulletin* **43**, 308-312 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080902/080902-43.001.pdf>

Bateman AM, Erickson TE, Merritt DJ, Muñoz-Rojas M (2019). Inorganic soil amendments alter seedling performance of native plant species in post-mining arid zone rehabilitation. *Journal of Environmental Management* **241**, 179-186 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080788/080788-241.001.pdf>

Beatty SJ, Ramsay A, Pinder AM, Morgan DL (2020). Reservoirs act as footholds for an invasive freshwater crayfish. *Pacific Conservation Biology* **26**, 78-83 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080272/080272-26.002.pdf>

Benkwitt CE, Wilson SK, Graham NAJ (2019). Seabird nutrient subsidies alter patterns of algal abundance and fish biomass on coral reefs following a bleaching event. *Global Change Biology* **25**, 2619-2632 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081543/081543-25.002.pdf>

Benkwitt CE, Wilson SK, Graham NAJ (2020). Biodiversity increases ecosystem functions despite multiple stressors on coral reefs. *Nature Ecology and Evolution* **4**, 919-926 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081185/081185-04.001.pdf>

Bentley BP, Kearney MR, Whiting SD, Mitchell NJ (2020). Microclimate modelling of beach sand temperatures reveals high spatial and temporal variation at sea turtle rookeries. *Journal of Thermal Biology* **88**: 102522 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081311/081311-88.001.pdf>

Bezemer N, Hopper SD, Krauss SL, Phillips RD, Roberts DG (2019). Primary pollinator exclusion has divergent consequences for pollen dispersal and mating in different populations of a bird-pollinated tree. *Molecular Ecology* **28**, 4883-4898 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080093/080093-28.004.pdf>

Bezemer N, Krauss SL, Roberts DG (2019). No evidence for early inbreeding depression in planted seedlings of *Eucalyptus caesia*, an anciently fragmented tree endemic on granite outcrops. *Plant Ecology* **220**, 1101-1108 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081102/081102-220.003.pdf>

Bezemer N, Krauss SL, Roberts DG, Hopper SD (2019). Conservation of old individual trees and small populations is integral to maintain species' genetic diversity of a historically fragmented woody perennial. *Molecular Ecology* **28**, 3339-3357 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080093/080093-28.002.pdf>

Binks RM, Wilkins CF, Markey AS, Lyons MN, Byrne M (2020). Genomic data and morphological re-assessment reveals synonymy and hybridisation among *Seringia* taxa (Lasiopetaleae, Malvaceae) in remote north-western Australia. *Taxon* **69**, 307-320 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/603801/603801-69.001.pdf>

Blythman M, Porter G (2020). Movement of introduced little corellas *Cacatua sanguinea* and long-billed corellas *Cacatua tenuirostris* in south-western Western Australia. *Australian Field Ornithology* **37**, 48-55 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080665/080665-37.001.pdf>

(Continued on page 3)

(Continued from page 2)

Bonnin L, Robbins WD, Boussarie G, Kiszka JJ, Dagorn L, Mouillot D et al. (2019). Repeated long-range migrations of adult males in a common Indo-Pacific reef shark. *Coral Reefs* **38**, 1121-1132 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080974/080974-38.006.pdf>

Braby MF, Edwards ED, Williams AAE (2020). A new species of sun-moth, *Synemon kimberleyensis* sp. nov. (Lepidoptera: Castniidae), from the Kimberley in Western Australia. *Journal of the Lepidopterists' Society* **74**, 31-42 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081517/081517-74.001.pdf>

Braby MF, Williams MR, Coppin RAM, Williams AAE, Franklin DC (2020). Patterns of species richness and endemism of butterflies and day-flying moths in the monsoon tropics of northern Australia. *Biological Conservation* **241**: 108357 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080467/080467-241.001.pdf>

Breed MF, Harrison PA, Blyth C, Byrne M, Gaget V, Gellie NJC et al. (2019). The potential of genomics for restoring ecosystems and biodiversity. *Nature Reviews Genetics* **20**, 615-628 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081570/081570-20.001.pdf>

Burrows N, Rampant P, Loewenthal G, Wills A (submitted). Fire, plant species richness and plants of significance to Australian desert Aboriginal people. *International Journal of Wildland Fire* <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/909354/909354-29.003.pdf>

Butcher R (2020). *Kunzea dracopetrensis* (Myrtaceae: Leptospermeae), an uncommon new species from Western Australia's south-eastern wheatbelt. *Nuytsia* **31**, 117-123 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080057/080057-31.022.pdf>

Butcher R (2020). *Tephrosia cardiophylla* (Fabaceae: Millettieae), a distinctive, new, conservation-listed species from Western Australia's Kimberley sandstones. *Nuytsia* **31**, 47-51 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080057/080057-31.009.pdf>

Ceccarelli DM, Evans RD, Logan M, Mantel P, Puotinen M, Petus C et al. (2020). Long-term dynamics and drivers of coral and macroalgal cover on inshore reefs of the Great Barrier Reef Marine Park. *Ecological Applications* **30**: e02008 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080417/080417-30.001.pdf>

Chan R, Dunlop J, Spencer PBS (2020). Highly promiscuous paternity in mainland and island populations of the endangered northern quoll. *Journal of Zoology* **310**, 210-220 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080558/080558-310.001.pdf>

Chapman AD, Belbin L, Zermoglio PF, Wiczorek J, Morris PJ, Nicholls M et al [James SA] (2020). Developing standards for improved data quality and for selecting fit for use biodiversity data. *Biodiversity Information Science and Standards* **4**: e50889 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081120/081120-04.001.pdf>

Cinner JE, Zamborain-Mason J, Gurney GG, Graham NAJ, MacNeil MA, Hoey AS et al. [Wilson SK] (2020). Meeting fisheries, ecosystem function and biodiversity goals in a human-dominated world. *Science* **368**, 307-311 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/919333/919333-368.001.pdf>

Clarke A, Lane J, Pinder A (2020). Daytime not night-time foraging by Australasian bitterns. *Western Australian Bird Notes*, 30-31 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080290/080290-174.001.pdf>

Clarke H, D'Olivo JP, Conde M, Evans RD, McCulloch MT (2019). Coral records of variable stress impacts and possible acclimatization to recent marine heat wave events on the Northwest Shelf of Australia. *Paleoceanography and Paleoclimatology* **34**, 1672-1688 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081302/081302-34.002.pdf>

Cochrane A (2019). Effects of temperature on germination in eight Western Australian herbaceous species. *Folia Geobotanica* **54**, 29-42 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081312/081312-54.001.pdf>

Cochrane A (2020). Temperature thresholds for germination in 20 short-range endemic plant species from a greenstone belt in southern Western Australia. *Plant Biology* **22**, 103-112 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081309/081309-22.003.pdf>

(Continued on page 4)

(Continued from page 3)

Cochrane A, Monks L (2019). Lack of fire and insect herbivory constrain recruitment in a rare legume from Western Australia. *Austral Ecology* **44**, 1245-1255 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080520/080520-44.005.pdf>

Cochrane JA (2020). Thermal requirements underpinning germination allude to risk of species decline from climate warming. *Plants* **9**: 796 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081542/081542-09.001.pdf>

Cooper SJB, Ottewell K, MacDonald AJ, Adams M, Byrne M, Carthew SM et al. (2018 (ie 2020)). Phylogeography of southern brown and golden bandicoots: implications for the taxonomy and distribution of endangered subspecies and species. *Australian Journal of Zoology* **66**, 379-393 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080317/080317-66.004.pdf>

Corey B, Andersen AN, Legge S, Woinarski JCZ, Radford IJ, Perry JJ (2020). Better biodiversity accounting is needed to prevent bioperversity and maximize co-benefits from savanna burning. *Conservation Letters* **31**: e12685 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081131/081131-13.001.pdf>

Cowan M, Dunlop J, Turner J, Moore H, Nimmo D (2020). Artificial refuges to combat habitat loss for an endangered marsupial predator: how do they measure up? *Conservation Science and Practice* **2**: e204 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081434/081434-02.002.pdf>

Cowen S, Clausen, L, Algar D, Comer S (2019). Using genetics to evaluate the success of a feral cat (*Felis catus*) control program in north-western Australia. *Animals* **9**: 1050 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081265/081265-09.002.pdf>

Crawford A, Phoebe T (2020). Woodlupine Primary School and the Western Australian Seed Centre. *Australasian Plant Conservation* **28(3)**, 24-25 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/917541/917541-28.003.pdf>

Crayn DM, Hislop M, Puente-Lelievre C (2020). A phylogenetic recircumscription of *Styphelia* (Ericaceae: Epacridoideae: Styphelieae). *Australian Systematic Botany* **33**, 137-168 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080077/080077-33.001.pdf>

Cresswell AK, Langlois TJ, Wilson SK, Claudet J, Thomson DP, Renton M et al. [Holmes TH] (2019). Disentangling the response of fishes to recreational fishing over 30 years within a fringing coral reef reserve network. *Biological Conservation* **237**, 514-524 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080467/080467-237.003.pdf>

Cross SL, Craig MD, Tomlinson S, Bateman PW (2020). I don't like crickets, I love them: invertebrates are an important prey source for varanid lizards. *Journal of Zoology* **310**, 323-333 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080558/080558-310.002.pdf>

Cross SL, Tomlinson S, Craig MD, Bateman PW (2020). The Time Local Convex Hull method as a tool for assessing responses of fauna to habitat restoration: a case study using the perentie (*Varanus giganteus*: Reptilia: Varanidae). *Australian Journal of Zoology* **67**, 27-37 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080317/080317-67.003.pdf>

Dajka J-C, Wilson SK, Robinson JPW, Chong-Seng KM, Harris A, Graham NAJ (2019). Uncovering drivers of juvenile coral density following mass bleaching. *Coral Reefs* **38**, 637-649 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080974/080974-38.002.pdf>

Dalziell EL, Lewandrowski W, Merritt DJ. (2020). Increased salinity reduces seed germination and impacts upon seedling development in *Nymphaea* L. (Nymphaeaceae) from northern Australia's freshwater wetlands. *Aquatic Botany* **165**: 103235 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081345/081345-165.001.pdf>

Davis RW (2020). *Grevillea hystrix* (Proteaceae), a poorly known species from sandplain country in Western Australia's Coolgardie bioregion. *Nuytsia* **31**, 79-82 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.015.pdf>

Davison E, Knight K, Hart R (2020). Obituary: Margaret Helen Brims, 23 April 1932-13 December 2018. *Western Australian Naturalist* **31**, 182-186 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080202/080202-31.007.pdf>

(Continued on page 5)

(Continued from page 4)

Davison EM, Giustiniano D, Haska J (2020). Clarification of the type locality of *Amanita peltigera* (Agaricales, Amanitaceae), phylogenetic placement within subgenus *Amanitina*, and an expanded description. *Swainsona* **33**, 51-61 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081289/081289-33.001.pdf>

DBCA (2020). Global loggerhead satellite telemetry [DBCA dataset supplied for southeast Indian Ocean]. *SWOT Report* **15**, 32-33, 49-50 <https://library.dbca.wa.gov.au/static/Journals/081433/081433-15.002.pdf>

Delnevo N, Piotti A, van Etten EJ, Stock WD, Byrne M (2019). Isolation, characterization, and cross-amplification of 20 microsatellite markers for *Conospermum undulatum* (Proteaceae). *Applications in Plant Sciences* **7**: e11283 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081042/081042-07.001.pdf>

Densmore VS, Clingan ES (2019). Prescribed burning in a Mediterranean-climate region mitigates the disturbance by bushfire to a critical food resource for an endangered bird, the Carnaby's cockatoo. *Fire Ecology* **15**: 36 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081149/081149-15.002.pdf>

Dillon SJ, Barrett RL, Shepherd KA (2020). *Corchorus fitzroyensis* (Malvaceae: Grewioideae), a new, poorly known species from Western Australia's Kimberley region. *Nuytsia* **31**, 83-87 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.016.pdf>

Duncan C, Schultz N, Lewandrowski W, Good MK, Cook S (2019). Lower dormancy with rapid germination is an important strategy for seeds in an arid zone with unpredictable rainfall. *PLoS One* **14**: e0218421 <https://library.dbca.wa.gov.au/static/Journals/080292/080292-14.001.pdf>

Duncan C, Schultz NL, Good MK, Lewandrowski W, Cook S (2019). The risk-takers and -avoiders: germination sensitivity to water stress in an arid zone with unpredictable rainfall. *AoB Plants* **11**: plz066 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081039/081039-11.002.pdf>

Dunlop J, Peacock D, Moore H, Cowan M (2020). Albinism in *Dasyurus* species: a collation of historical and modern records. *Australian Mammalogy* **42**, 114-118 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080282/080282-42.001.pdf>

Durell B, Keeley T (2019). Sexually dimorphic growth in the western swamp tortoise, *Pseudemys umbrina* (Testudines: Chelidae). *Journal of Zoo and Aquarium Research* **7**, 102-108 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081291/081291-07.001.pdf>

Eldridge MDB, Deakin JE, MacDonald AJ, Byrne M, Fitzgerald A, Johnson RN et al. (2020). The Oz Mammal Genomics (OMG) initiative: developing genomic resources for mammal conservation at a continental scale. *Australian Zoologist* **40**, 505-509 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080288/080288-40.001.pdf>

Etchells H, O'Donnell AJ, McCaw WL, Grierson PF (2020). Fire severity impacts on tree mortality and post-fire recruitment in tall eucalypt forests of southwest Australia. *Forest Ecology and Management* **459**: 117850 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/904717/904717-459.001.pdf>

Farr JD (2020). Herbarium specimens provide historical evidence of *Cardiaspina jerramungae* (Hemiptera: Psylloidea, Aphalaridae) outbreaks on *Eucalyptus occidentalis* in the lower great southern of Western Australia. *Austral Entomology* **59**, 167-177 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081076/081076-59.001.pdf>

Firman RC, Ottewell KM, Fisher DO, Tedeschi JN (2019). Range-wide genetic structure of a cooperative mouse in a semi-arid zone: evidence for panmixia. *Journal of Evolutionary Biology* **32**, 1014-1026 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080762/080762-32.001.pdf>

Fisher R, Shiell GR, Sadler RJ, Inostroza K, Shedrawi G, Holmes TH et al. (2019). *epower*: an R package for power analysis of Before-After-Control-Impact (BACI) designs. *Methods in Ecology and Evolution* **10**, 1843-1853 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081285/081285-10.002.pdf>

FitzSimmons NN, Pittard SD, McIntyre N, Jensen MP, Guinea M, Hamann M et al. [Prince RT, Tucker AD, Whiting S] (2020). Phylogeography, genetic stocks, and conservation implications for an Australian endemic marine turtle. *Aquatic Conservation: Marine and Freshwater Ecosystems* **30**, 440-460 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081308/081308-30.001.pdf>

(Continued on page 6)

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Fulton CJ, Berkström C, Wilson SK, Abesamis RA, Bradley M, Åkerlund C et al. [Evans RD, Holmes TH] (2020). Macroalgal meadow habitats support fish and fisheries in diverse tropical seascapes. *Fish and Fisheries* **21**, 700-717 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081530/081530-21.001.pdf>

Gilmour JP, Cook KL, Ryan NM, Puotinen ML, Green RH, Shedrawi G et al. (2019). The state of Western Australia's coral reefs. *Coral Reefs* **38**, 651-667 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080974/080974-38.001.pdf>

Gluszek S, Ariano-Sánchez D, Cremona P, Goyenechea A, Luque Vergara DA, McLoughlin L et al. [Knight A] (submitted). Emerging trends of the illegal wildlife trade in Mesoamerica. *Oryx* <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081314/081314-54.002.pdf>

Goetze JS, Bond T, McLean DL, Saunders BJ, Langlois TJ, Lindfield S et al. [Shedrawi G] (2019). A field and video analysis guide for diver operated stereo-video. *Methods in Ecology and Evolution* **10**, 1083-1090 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081285/081285-10.001.pdf>

Golos PJ, Commander LE, Dixon KW (2019). The addition of mine waste rock to topsoil improves microsite potential and seedling emergence from broadcast seeds in an arid environment. *Plant and Soil* **440**, 71-84 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081184/081184-440.001.pdf>

Gosper CR, Watson SJ, Fox E, Burbidge AH, Craig MD, Douglas TK et al. [Yates CJ] (2019). Fire-mediated habitat change regulates woodland bird species and functional group occurrence. *Ecological Applications* **29**: e01997 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080417/080417-29.001.pdf>

Gosper CR, Yates CJ, Fox L, Prober SM (2019). Time since fire and prior fire interval shape coarse woody debris dynamics in obligate-seeder woodlands. *Ecosphere* **10**: e02927 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081100/081100-10.003.pdf>

Graham NAJ, Robinson JPW, Smith SE, Govinden R, Gendron G, Wilson SK (2020). Changing role of coral reef marine reserves in a warming climate. *Nature Communication* **11**: 2000 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081531/081531-11.001.pdf>

Gunn BF, Murphy DJ, Walsh NG, Conran JG, Pires JC, Macfarlane TD et al. (2020). Evolution of Lomandroideae: multiple origins of polyploidy and biome occupancy in Australia. *Molecular Phylogenetics and Evolution* **149**: 106836 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081194/081194-149.001.pdf>

Hallett CS, Trayler KM, Valesini FJ (2019). The Fish Community Index: a practical management tool for monitoring and reporting estuarine ecological condition. *Integrated Environmental Assessment and Management* **15**, 726-738 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081313/081313-15.001.pdf>

Hammer TA (2020). Taxonomic evaluation of *Ptilotus manglesii* (Amaranthaceae) and recognition of *P. davisii* for two phrase names in south-west Western Australia. *Swainsona* **33**, 103-109 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081289/081289-33.002.pdf>

Hammer TA, Davis RW, Thiele KR (2020). Clarification of species boundaries within the *Ptilotus royceanus* Benl (Amaranthaceae) group. *Austrobaileya* **10**, 628-638 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/603645/603645-10.001.pdf>

Hayward MW, Callen A, Allen BL, Ballard G, Broekhuis F, Bugir C et al. [Wayne A] (2019). Deconstructing compassionate conservation. *Conservation Biology* **33**, 760-768 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080255/080255-33.001.pdf>

Haywood MDE, Thomson DP, Babcock RC, Pillans RD, Keesing JK, Miller M et al. [Evans RD, Shedrawi G] (2019). Crown-of-thorns starfish impede the recovery potential of coral reefs following bleaching. *Marine Biology* **166**: 99 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081191/081191-166.001.pdf>

Hernandez-Santin L, Dunlop JA, Goldizen AW, Fisher DO (2019). Demography of the northern quoll (*Dasyurus hallucatus*) in the most arid part of its range. *Journal of Mammalogy* **100**, 1191-1198 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080284/080284-100.001.pdf>

(Continued on page 7)

(Continued from page 6)

Hernandez-Santin L, Henderson M, Molloy SW, Dunlop JA, Davis RA (submitted). Spatial ecology of an endangered carnivore, the Pilbara northern quoll. *Australian Mammalogy* <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080282/080282-42.007.pdf>

Hislop M (2020). A taxonomic review of the *Styphelia intertexta* group (Ericaceae: Epacridoideae: Styphelieae). *Swainsona* **33**, 63-73 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081289/081289-33.003.pdf>

Hislop M (2020). *Leucopogon kirupensis* (Ericaceae: Epacridoideae: Styphelieae), a new short-range endemic from the south-west corner of Western Australia. *Nuytsia* **31**, 111-115 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.021.pdf>

Hislop M (2020). *Schoenus coultasii* (Cyperaceae: Schoenae), a new annual species known from a single site in the Pilbara region of Western Australia. *Nuytsia* **31**, 101-106 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.019.pdf>

Hislop M, Davis RW (2020). *Stachystemon exilis* (Euphorbiaceae), a new and potentially threatened species from the Swan Coastal Plain. *Nuytsia* **31**, 53-57 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.010.pdf>

Hopley T, Byrne M (2019). Gene flow and genetic variation explain signatures of selection across a climate gradient in two riparian species. *Genes* **10**: 579 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081299/081299-10.001.pdf>

How RA, Cowan MA, Teale RJ, Schmitt LH (submitted). Environmental correlates of reptile variation on the Houtman Abrolhos archipelago, eastern Indian Ocean. *Journal of Biogeography* <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080785/080785-47.001.pdf>

Howard T, Burrows N, Smith T, Daniel G, McCaw L (2020). A framework for prioritising prescribed burning on public land in Western Australia. *International Journal of Wildland Fire* **29**, 314-325 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/909354/909354-29.002.pdf>

Huang P, Trayler K, Wang B, Saeed A, Oldham CE, Busch B et al. (2019). An integrated modelling system for water quality forecasting in an urban eutrophic estuary: the Swan-Canning Estuary virtual observatory. *Journal of Marine Systems* **199**: 103218 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081323/081323-199.001.pdf>

Huisman J, Verbruggen H (2020). *Pseudoderbesia eckloniae* sp. nov. (Bryopsidaceae, Ulvophyceae) from Western Australia. *Cryptogamie, Algologie* **41**, 19-23 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081428/081428-41.001.pdf>

Huisman JM, Saunders GW (2020). *Champia patula* (Champiaceae: Rhodymeniales), a new red algal species from the Perth region, Western Australia. *Nuytsia* **31**, 65-68 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.012.pdf>

Johansen MP, Child DP, Cresswell T, Harrison JJ, Hotchkis MAC, Howell NR et al. [Whiting SD] (2019). Plutonium and other radionuclides persist across marine-to-terrestrial ecotopes in the Montebello Islands sixty years after nuclear tests. *Science of the Total Environment* **691**, 572-583 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081283/081283-691.001.pdf>

Johnston TR, Stock WD, Mawson PR (2020). Implications of Banksia seed reward for conservation and management of Carnaby's cockatoo on the Swan Coastal Plain, Western Australia. *Australian Journal of Zoology* **67**, 12-18 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080317/080317-67.002.pdf>

Just MP, Merritt DJ, Turner SR, Conran JG, Cross AT (2019). Seed germination biology of the Albany pitcher plant, *Cephalotus follicularis*. *Australian Journal of Botany* **67**, 480-489 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081594/081594-67.013.pdf>

Keighery B, Keighery G, Brown A (2020). Swan Coastal Plain studies: status of the subspecies of *Grevillea curviloba* McGillivray (Proteaceae): a critically endangered plant. *Western Australian Naturalist* **31**, 119-127 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080202/080202-31.008.pdf>

(Continued on page 8)

(Continued from page 7)

Keighery G (2020). A rare subspecies of *Apium prostratum* L. (Apiaceae) from Western Australia. *Western Australian Naturalist* **31**, 133-136 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080202/080202-31.009.pdf>

Keighery G, Keighery B (2020). Flora of the Swan Coastal Plain foothills. 3, vascular flora of Korijekup Conservation Park, Harvey. *Western Australian Naturalist* **31**, 137-158 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080202/080202-31.010.pdf>

Keighery G, Keighery B (2020). Flora of the Swan Coastal Plain foothills. 4, vascular flora of Yarloop townsite reserves. *Western Australian Naturalist* **31**, 159-179 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080202/080202-31.011.pdf>

Keighery G, Rye B (2019). Mini myrtles. *Australian Plants* **30**, 100-117 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080221/080221-30.001.pdf>

Kendrick GA, Nowicki R, Olsen YS, Strydom S, Fraser MW, Sinclair EA et al. (2019). Multiple stressors from extreme events drive ecosystem-wide loss of resilience in an iconic seagrass community. *Frontiers in Marine Science* **6**: 455 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081151/081151-06.002.pdf>

Khoshravesh R, Stata M, Busch FA, Saladié M, Castelli JM, Dakin N et al. [Macfarlane TD] (2020). The evolutionary origin of C4 photosynthesis in the grass subtribe Neurachninae. *Plant Physiology* **182**, 566-583 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/907356/907356-182.001.pdf>

Kildisheva OA, Erickson TE, Kramer AT, Zeldin J, Merritt DJ (2019). Optimizing physiological dormancy break of understudied cold desert perennials to improve seed-based restoration. *Journal of Arid Environments* **170**: 104001 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080782/080782-170.001.pdf>

Knight KJ, Lado C (2020). *Clastoderma confusum* (Myxomycetes: Amoebozoa), a remarkable new species of slime mould from Western Australia. *Nuytsia* **31**, 35-40 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080057/080057-31.007.pdf>

Kruse J, Shivas RG, McTaggart AR, Lyons MN (2020). *Macalpinomyces collinsiae* J. Kruse, M.N. Lyons, McTaggart & R.G. Shivas, sp. nov. *Persoonia* **44**, 410-411 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081516/081516-44.001.pdf>

Lauterbach M, Zimmer R, Alexa AC, Adachi S, Sage R, Sage T [et al.] [Macfarlane T] (2019). Variation in leaf anatomical traits relates to the evolution of C4 photosynthesis in Tribuloideae (Zygophyllaceae). *Perspectives in Plant Ecology, Evolution and Systematics* **39**: 125463 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081432/081432-39.001.pdf>

Le Souëf A, Vitali S, Dawson R, Vaughan-Higgins R, Warren K (2020). Hindlimb paralysis syndrome in wild Carnaby's black-cockatoos (*Calyptorhynchus latirostris*): a new threat for an endangered species. *Journal of Wildlife Diseases* **56**, 609-619 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081174/081174-56.001.pdf>

Lester E, Meekan M, Barnes P, Raudino H, Rob D, Waples K et al. (2020). Multi-year patterns in scarring, survival and residency of whale sharks in Ningaloo Marine Park, Western Australia. *Marine Ecological Progress Series* **634**, 115-126 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080772/080772-634.001.pdf>

Lohr CA, Algar D (2020). Managing feral cats through an adaptive framework in an arid landscape. *Science of the Total Environment* **720**: 137631 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081283/081283-720.001.pdf>

Lohr MT, Hampton JO, Cherriman S, Busetti F, Lohr C (2020). Completing a worldwide picture: preliminary evidence of lead exposure in a scavenging bird from mainland Australia. *Science of the Total Environment* **715**: 135913 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081283/081283-715.001.pdf>

Lowe JR, Williamson DH, Ceccarelli DM, Evans RD, Russ GR (2019). Responses of coral reef wrasse assemblages to disturbance and marine reserve protection on the Great Barrier Reef. *Marine Biology* **166**: 119 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081191/081191-166.002.pdf>

(Continued on page 9)

(Continued from page 8)

Lullfitz A, Byrne M, Knapp L, Hopper SD (2020). *Platysace* (Apiaceae) of south-western Australia: silent story tellers of an ancient human landscape. *Biological Journal of the Linnean Society* **130**, 61-78 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080260/080260-130.001.pdf>

Lum M, Cantrill D, Syme A, Byrne M, Crayn D (2020). Genomics for Australian Plants consortium update. *Australasian Systematic Botany Society Newsletter* **182/183**, 9-13 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081363/081363-182.001.pdf>

Ma H, Erickson TE, Walck JL, Merritt DJ (submitted). Interpopulation variation in germination response to fire-related cues and after-ripening in seeds of the evergreen perennial *Anigozanthos flavidus* (Haemodoraceae). *International Journal of Wildland Fire* <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/909354/909354-29.004.pdf>

Macfarlane TD, French CJ, Conran JG (2020). A new fringe lily from Kalbarri National Park (*Thysanotus kalbarriensis*, Asparagaceae). *Nuytsia* **31**, 23-27 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.005.pdf>

Masarei M, Guzzomi AL, Merritt DJ, Erickson TE (2019). Factoring restoration practitioner perceptions into future design of mechanical direct seeders for native seeds. *Restoration Ecology* **27**, 1251-1262 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080497/080497-27.001.pdf>

McClanahan TR, Darling ES, Maina JM, Muthiga NA, D'agata S, Jupiter SD et al. [Wilson SK, Shedrawi G] (2019). Temperature patterns and mechanisms influencing coral bleaching during the 2016 El Niño. *Nature Climate Change* **9**, 845-851 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081441/081441-09.001.pdf>

McGrath G, Kaesberg T, Silva JDR, Jawitz JW, Blumensaat F, Borchardt D et al. (2019). Network topology and rainfall controls on the variability of combined sewer overflows and loads. *Water Resources Research* **55**, 9578-9591 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080885/080885-55.001.pdf>

McLay T, Dillon S (2020). The golden-goo hibiscus (*Hibiscus chrysinocolla*, Malvaceae), a new species from Katjarra, Western Australia. *Nuytsia* **31**, 41-45 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.008.pdf>

Millar MA, Anthony JM, Coates DJ, Byrne M, Krauss SL, Williams MR et al. (2019). Genetic diversity, mating system and reproductive output of restored *Melaleuca acuminata* populations are comparable to natural remnant populations. *Ecological Restoration* **37**, 222-232 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080538/080538-37.001.pdf>

Millar MA, Coates DJ, Byrne M, Krauss SL, Jonson J, Hopper SD (2019). Assessment of genetic diversity and mating system of *Acacia cyclops* restoration and remnant populations. *Restoration Ecology* **27**, 1327-1338 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080497/080497-27.003.pdf>

Millar MA, Coates DJ, Byrne M, Krauss SL, Williams MR, Jonson J et al. (2020). Pollen dispersal, pollen immigration, mating and genetic diversity in restoration of the southern plains *Banksia*. *Biological Journal of the Linnean Society* **129**, 773-792 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080260/080260-129.001.pdf>

Miller RG, Tangney R, Enright NJ, Fontaine JB, Merritt DJ, Ooi MKJ et al. [Ruthrof KX, Miller BP] (2019). Mechanisms of fire seasonality effects on plant populations. *Trends in Ecology and Evolution* **34**, 1104-1117 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080130/080130-34.001.pdf>

Miller RG, Tangney R, Enright NJ, Fontaine JB, Merritt DJ, Ooi MKJ et al. [Ruthrof KX, Miller BP] (2020). Fire seasonality effect on post-fire wind dispersal: response to Keith, Dunker and Driscoll. *Trends in Ecology and Evolution* **35**: P307 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080130/080130-35.001.pdf>

Molloy SW, Burbidge AH, Comer S, Davis RA (2020). Using climate change models to inform the recovery of the western ground parrot *Pezoporus flaviventris*. *Oryx* **54**, 52-61 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081314/081314-54.001.pdf>

(Continued on page 10)

(Continued from page 9)

Moore HA, Champney JL, Dunlop JA, Valentine LE Nimmo DG (2020). Spot on: using camera traps to individually monitor one of the world's largest lizards. *Wildlife Research* **47**, 326-337 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080279/080279-47.003.pdf>

Moore HA, Dunlop JA, Valentine LE, Woinarski JCZ, Ritchie EG, Watson DM et al. (2019). Topographic ruggedness and rainfall mediate geographic range contraction of a threatened marsupial predator. *Diversity and Distributions* **25**, 1818-1831 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080396/080396-25.002.pdf>

Moore HA, Valentine LE, Dunlop JA, Nimmo DG (submitted). The effect of camera orientation on the detectability of wildlife: a case study from north-western Australia. *Remote Sensing in Ecology and Conservation* <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081440/081440-06.001.pdf>

Moreira F, Allsopp N, Esler KJ, Wardell-Johnson G, Ancillotto L, Arianoutsou M et al. [Miller BP] (2019). Priority questions for biodiversity conservation in the Mediterranean biome: heterogeneous perspectives across continents and stakeholders. *Conservation Science and Practice* **1**: 118 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081434/081434-01.001.pdf>

Moreira F, Ascoli D, Safford H, Adams MA, Moreno JM, Pereira JMC et al. [McCaw L] (2020). Wildfire management in Mediterranean-type regions: paradigm change needed. *Environmental Research Letters* **15**: 011001 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081303/081303-15.001.pdf>

Moreira-Grez B, Muñoz-Rojas M, Kariman K, Storer P, O'Donnell AG, Kumaresan D et al. (2019). Reconditioning degraded mine site soils with exogenous soil microbes: plant fitness and soil microbiome outcomes. *Frontiers in Microbiology* **10**: 1617 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081315/081315-10.001.pdf>

Moustaka M, Strydom S (2020). Rare great hammerhead predation of a wedgefish. *Frontiers in Ecology and the Environment* **18** p. 193 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080581/080581-18.001.pdf>

Muntiferung JR, Clark S, Linklater WL, Uri-Khob S, Hebach E, Cloete J et al. [Knight AT] (2020). Lessons from a conservation and tourism cooperative: the Namibian black rhinoceros case. *Annals of Tourism Research* **82**: 102918 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080491/080491-82.001.pdf>

Nel R, Dalleau M, Le Gouvello D, Hart-Davis MG, Tucker T, Rees A et al. [Whiting S, Fossette S] (2020). Indian Ocean loggerheads. *SWOT Report* **15**, 28-31 <https://library.dbca.wa.gov.au/static/Journals/081433/081433-15.001.pdf>

Nevill PG, Zhong X, Tonti-Filippini J, Byrne M, Hislop M, Thiele K, van Leeuwen S et al. (2020). Large scale genome skimming from herbarium material for accurate plant identification and phylogenomics. *Plant Methods* **16**: 1 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081403/081403-16.001.pdf>

Northover AS, Keatley S, Elliot AD, Hobbs RP, Yang R, Lymbery AJ et al. [Wayne AF] (2019). Identification of a novel species of *Eimeria* Schneider, 1875 from the woylie, *Bettongia penicillata* Gray (Diprotodontia: Potoroidae) and the genetic characterisation of three *Eimeria* spp. from other potoroid marsupials. *Systematic Parasitology* **96**, 553-563 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081306/081306-96.001.pdf>

Northover AS, Thompson RCA, Lymbery AJ, Wayne AF, Keatley S, Ash A et al. [Morris K] (2019). Altered parasite community structure in an endangered marsupial following translocation. *International Journal for Parasitology: Parasites and Wildlife* **10**, 13-22 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081290/081290-10.001.pdf>

Ottewell K, Pitt G, Pellegrino B, van Dongen R, Kinloch J, Willers N, Byrne M (2019). Remnant vegetation provides genetic connectivity for a critical weight range mammal in a rapidly urbanising landscape. *Landscape and Urban Planning* **190**: 103587 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081284/081284-190.001.pdf>

(Continued on page 11)

(Continued from page 10)

Pacioni C, Trocini S, Wayne AF, Rafferty C, Page M (2020). Integrating population genetics in an adaptive management framework to inform management strategies. *Biodiversity and Conservation* **29**, 947-966 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080388/080388-29.001.pdf>

Pacioni C, Wayne A, Page M (2019). Guidelines for genetic management in mammal translocation programs. *Biological Conservation* **237**, 105-113 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080467/080467-237.001.pdf>

Parker JRC, Saunders BJ, Bennett S, DiBattista JD, Shalders TC, Harvey ES (2019). Shifts in Labridae geographical distribution along a unique and dynamic coastline. *Diversity and Distributions* **25**, 1787-1799 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080396/080396-25.003.pdf>

Pearson DJ, Neaves LE, Paxman M, Desmond A, Renwick J, Halley M et al. (2019). Identification of a remnant population of the black-flanked rock-wallaby (*Petrogale lateralis lateralis*) in Kalbarri National Park, Western Australia and implications for its management. *Australian Mammalogy* **41**, 196-204 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080282/080282-41.002.pdf>

Penton CE, Woolley L-A, Radford IJ, Murphy BP (2020). Blocked-off: termitaria cause the overestimation of tree hollow availability by ground-based surveys in northern Australia. *Forest Ecology and Management* **458**: 117707 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/904717/904717-458.001.pdf>

Phillips RD, Boheman B, Brown GR, Tomlinson S, Peakall R (2020). A specialised pollination system using nectar-seeking thynnine wasps in *Caladenia nobilis* (Orchidaceae). *Plant Biology* **22**, 157-166 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081309/081309-22.001.pdf>

Pinder A, Harman A, Bird C, Quinlan K, Angel F, Cowan M et al. [Lewis L] (2019). Spread of the non-native redclaw crayfish *Cherax quadricarinatus* (von Martens, 1868) into natural waters of the Pilbara region of Western Australia, with observations on potential adverse ecological effects. *BioInvasions Records* **8**, 882-897 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081121/081121-08.001.pdf>

Radford IJ, Woolley LA, Dickman CR, Corey B, Trembath D, Fairman R (2020). Invasive anuran driven trophic cascade: an alternative hypothesis for recent critical weight range mammal collapses across northern Australia. *Biological Invasions* **22**, 1967-1982 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080676/080676-22.002.pdf>

Rajapakshe R PVGSW, Turner SR, Cross AT, Tomlinson S (2020). Hydrological and thermal responses of seeds from four co-occurring tree species from southwest Western Australia. *Conservation Physiology* **8**: coaa021 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081132/081132-08.001.pdf>

Rampant P, Zdunic K, Burrows N (2019). UAS and Landsat imagery to determine fuel condition for fire behaviour prediction on spinifex hummock grasslands of arid Australia. *International Journal of Remote Sensing* **40**, 9126-9139 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081163/081163-40.001.pdf>

Rance SJ, Cameron DM, Gosper CR, Williams ER (2020). Multiple soil element and pH interactions constrain plant performance on tropical soils with a long history of fire. *Soil Research* **58**, 335-345 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/922396/922396-58.001.pdf>

Reiter N, Phillips RD, Swarts ND, Wright M, Holmes G, Susmilch F et al. [Davis BJ] (submitted). Specific mycorrhizal associations involving the same fungal taxa in common and threatened *Caladenia* (Orchidaceae): implications for conservation. *Annals of Botany*

Robinson JPW, McDevitt-Irwin JM, Dajka JC, Hadj-Hammou J, Howlett S, Graba-Landry A et al. [Wilson SK] (2020). Habitat and fishing control grazing potential on coral reefs. *Functional Ecology* **34**, 240-251 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081305/081305-34.001.pdf>

Robinson JPW, Wilson SK, Graham NAJ (2019). Abiotic and biotic controls on coral recovery 16 years after mass bleaching. *Coral Reefs* **38**, 1255-1265 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080974/080974-38.003.pdf>

(Continued on page 12)

(Continued from page 11)

Robinson JPW, Wilson SK, Jennings S, Graham NAJ (2019). Thermal stress induces persistently altered coral reef fish assemblages. *Global Change Biology* **25**, 2739-2750 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081543/081543-25.003.pdf>

Rodríguez-Prieto C, Afonso-Carrillo J, De Clerck O, Huisman JM, Lin S-M (submitted). Systematic revision of the foliose Halymeniaceae (Halymeniales, Rhodophyta) from Europe, with the description of *Halymenia ballesterosii* sp. nov. from the Mediterranean Sea and *Nesoia hommersandii* from the Canary Islands. *European Journal of Phycology* <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081443/081443-55-001.pdf>

Rodríguez-Prieto C, de Clerck O, Huisman JM, Lin S-M (2019). Characterization of *Nesoia latifolia* (Halymeniaceae: Rhodophyta) from Europe with emphasis on cystocarp development and description of *Nesoia mediterranea* sp. nov. *Phycologia* **58**, 393-404 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081288/081288-58.002.pdf>

Román JR, Chilton AM, Cantón Y, Muñoz-Rojas M (2020). Assessing the viability of cyanobacteria pellets for application in arid land restoration. *Journal of Environmental Management* **270**: 110795 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080788/080788-270.001.pdf>

Ross CL, DeCarlo TM, McCulloch MT (2019). Calibration of Sr/Ca, Li/Mg and Sr-U paleothermometry in branching and foliose corals. *Paleoceanography and Paleoclimatology* **34**, 1271-1291 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081302/081302-34.001.pdf>

Russell-Smith J, McCaw L, Leavesley A (2020). Adaptive prescribed burning in Australia for the early 21st century: context, status, challenges. *International Journal of Wildland Fire* **29**, 305-313 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/909354/909354-29.001.pdf>

Ruthrof KX, Hopkins AJM, Danks M, O'Hara G, Bell R, Henry D et al. (2019). Rethinking soil water repellency and its management. *Plant Ecology* **220**, 977-984 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081102/081102-220.002.pdf>

Rye BL (2020). *Babingtonia peteriana* (Myrtaceae: Chamelaucieae), an ornate novelty from south-western Australia. *Nuytsia* **31**, 29-33 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.006.pdf>

Rye BL (2020). *Calytrix insperata* (Myrtaceae: Chamelaucieae), a new Western Australian species opportunistically discovered on vacation. *Nuytsia* **31**, 19-22 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.004.pdf>

Rye BL (2020). Description of the rare goldfields laceflower, *Thryptomene planiflora* (Myrtaceae: Chamelaucieae). *Nuytsia* **31**, 141-145 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.026.pdf>

Rye BL, Hislop M (2020). Following a path less trodden: the new apetalous species *Cryptandra subtilis* (Rhamnaceae). *Nuytsia* **31**, 125-128 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.023.pdf>

Rye BL, Hislop M (2020). Sixty years in the making: *Isopogon nutans* (Proteaceae), a new species with pendulous flower heads. *Nuytsia* **31**, 95-99 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.018.pdf>

Rye BL, Macfarlane TD (2019). A new name, clarification of synonymy and a new subspecies for *Isopogon* (Proteaceae) in Western Australia. *Nuytsia* **30**, 309-316 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-30.020.pdf>

Rye BL, Wege JA (2020). A rediscovered rarity: *Pimelea cruciata* (Thymelaeaceae), a new species from Western Australia's mallee bioregion. *Nuytsia* **31**, 107-110 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.020.pdf>

Rye BL, Wilson PG, Heslewood MM, Perkins AJ, Thiele KR (2020). A new subtribal classification of Myrtaceae tribe Chamelaucieae. *Australian Systematic Botany* **33**, 191-206 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080077/080077-33.002.pdf>

Saunders DA, Dawson R, Mawson PR, Cunningham RB (2020). Artificial hollows provide an effective short-term solution to the loss of natural nesting hollows for Carnaby's cockatoo *Calyptorhynchus latirostris*. *Biological Conservation* **245**: 108556 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080467/080467-245.001.pdf>

(Continued on page 13)

(Continued from page 12)

Saunders DA, Dawson R, Mawson PR, Nicholls AO (2020). Factors affecting nestling condition and timing of egg-laying in the endangered Carnaby's cockatoo, *Calyptorhynchus latirostris*. *Pacific Conservation Biology* **26**, 22-34 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080272/080272-26.001.pdf>

Schleicher J, Eklund J, Barnes MD, Geldmann J, Oldekop JA, Jones JPG (2020). Statistical matching for conservation science. *Conservation Biology* **34**, 538-549 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080255/080255-34.001.pdf>

Schramm KD, Harvey ES, Goetze JS, Travers MJ, Warnock B, Saunders BJ (2020). A comparison of stereo-BRUV, diver operated and remote stereo-video transects for assessing reef fish assemblages. *Journal of Experimental Marine Biology and Ecology* **524**: 151273 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081341/081341-524.001.pdf>

Seidlitz A, Bryant KA, Armstrong NJ, Calver M, Wayne AF (submitted). Optimising camera trap height and model increases detection and individual identification rates for a small mammal, the numbat (*Myrmecobius fasciatus*). *Australian Mammalogy* <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080282/080282-42.006.pdf>

Shepherd KA (2020). Remarkably unremarkable: *Tecticornia enodis* (Chenopodiaceae), a new samphire with smooth seeds from the arid interior of Western Australia. *Nuytsia* **31**, 135-139 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.025.pdf>

Shepherd KA, Crawford AD (2020). Worthy of love: *Geleznovia amabilis* (Rutaceae), a stunning new species of yellow bells from Kalbarri in Western Australia. *Nuytsia* **31**, 89-93 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.017.pdf>

Shepherd KA, Hislop M (2020). Dancing lechenaultia (*Lechenaultia orchestris*, Goodeniaceae), a new species with horticultural potential from southern Western Australia. *Nuytsia* **31**, 15-18 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.003.pdf>

Shepherd KA, Wilkins CF (2020). *Thomasia julietiae* (Malvaceae: Byttnerioideae), a delicate new species with horticultural potential from south-western Australia. *Nuytsia* **31**, 59-63 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.011.pdf>

Silcock JL, Simmons CL, Monks L, Dillon R, Reiter N, Jusaitis M et al. [Byrne M, Coates DJ] (2019). Threatened plant translocation in Australia: a review. *Biological Conservation* **236**, 211-222 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080467/080467-236.001.pdf>

Sparrow BD, Foulkes JN, Wardle GM, Leitch EJ, Caddy-Retalic S, van Leeuwen SJ et al. (2020). A vegetation and soil survey method for surveillance monitoring of rangeland environments. *Frontiers in Ecology and Evolution* **8**: 157 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081515/081515-08.001>

Spencer PBS, Bain K, Hayward MW, Hillyer M, Friend JA (2020). Persistence of remnant patches and genetic loss at the distribution periphery in island and mainland populations of the quokka. *Australian Journal of Zoology* **67**, 38-50 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080317/080317-67.004.pdf>

Spencer PBS, McConnell S, Prada D, Friend JA (2020). Parentage assignment using microsatellite DNA typing for the endangered numbat (*Myrmecobius fasciatus*). *Australian Mammalogy* **42**, 240-243 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080282/080282-42.005.pdf>

Steel EJ, Fontaine JB, Ruthrof KX, Burgess TI, Hardy GE St J (2019). Changes in structure of over- and midstory tree species in a Mediterranean-type forest after an extreme drought-associated heatwave. *Austral Ecology* **44**, 1438-1450 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080520/080520-44.006.pdf>

Strydom S, Murray K, Wilson S, Huntley B, Rule M, Heithaus M et al. [Zdunic K] (2020). Too hot to handle: unprecedented seagrass death driven by marine heatwave in a World Heritage Area. *Global Change Biology* **26**, 3525-3538 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081543/081543-26.001.pdf>

(Continued on page 14)

(Continued from page 13)

- Swiatek P, Pinder A, Gajda L (2020). Description of ovary organization and oogenesis in a phreodrilid clitellate. *Journal of Morphology* **281**, 81-94 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081382/081382-281.001.pdf>
- Tangney R, Merritt DJ, Callow JN, Fontaine JB, Miller BP (submitted). Seed traits determine species responses to fire under varying soil heating scenarios. *Functional Ecology* <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081305/081305-34.002.pdf>
- Thavornkanlapachai R, Byrne M, Yates CJ, Ladd PG (2019). Degree of fragmentation and population size do not adversely affect reproductive success of a rare shrub species, *Banksia nivea* (Proteaceae), in a naturally fragmented community. *Botanical Journal of the Linnean Society* **191**, 261-273 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081597/081597-191.001.pdf>
- Thavornkanlapachai R, Kennington WJ, Ottewell K, Friend JA, Mills HR (2019). Dispersal, philopatry and population genetic structure of the mainland dibbler, *Parantechinus apicalis*. *Conservation Genetics* **20**, 1087-1099 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081130/081130-20.001.pdf>
- Thavornkanlapachai R, Mills HR, Ottewell K, Dunlop J, Sims C, Morris K et al. (2019). Mixing genetically and morphologically distinct populations in translocations: asymmetrical introgression in a newly established population of the boodie (*Bettongia lesueur*). *Genes* **10**: 729 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081299/081299-10.003.pdf>
- Thiele KR (2019). The *Hibbertia polystachya*-*H. spicata* (Dilleniaceae) species group in Western Australia. *Nuytsia* **30**, 291-308 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-30.019.pdf>
- Thiele KR (2020). *Hibbertia proberae* (Dilleniaceae), a new, rare and geographically anomalous species from the Great Victoria Desert of Western Australia. *Nuytsia* **31**, 75-78 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.014.pdf>

Thomas A, Speldewinde P, Roberts JD, Burbidge AH, Comer S (submitted). If a bird calls, will we detect it? Factors that can influence the detectability of calls on automated recording units in field conditions. *Emu: Austral Ornithology* <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080385/080385-120.001.pdf>

Tingley R, Macdonald SL, Mitchell NJ, Woinarski JCZ, Meiri S, Bowles P et al. [Cowan M] (2019). Geographic and taxonomic patterns of extinction risk in Australian squamates. *Biological Conservation* **238**: 108323 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080467/080467-238.001.pdf>

Tomlinson S, Lewandrowski W, Elliott C, Miller B, Turner S (2020). High-resolution distribution modeling of a threatened short-range endemic plant informed by edaphic factors. *Ecology and Evolution* **10**, 763-777 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081141/081141-10.001.pdf>

Townsend RA, Guiry MD (2020). Updates to some names used for microalgal taxa in Australia. *Notulae Algarum* **149**, 1-2 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081330/081330-149.001.pdf>

Valentine LE, Shackelford N, Johnson BA, Craig MD, Perring MP, Hulvey KB et al. [Erickson TE, Ritchie A, Ramalho CE] (submitted). Richard J. Hobbs: how one ecologist has influenced the way we think about restoration ecology. *Restoration Ecology* <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080497/080497-28.003.pdf>

Van der Kroft T, Roberts DG, Krauss SL (2019). The critical role of honeyeaters in the pollination of the catspaw *Anigozanthos humilis* (Haemodoraceae). *Australian Journal of Botany* **67**, 281-289 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081594/081594-67.012.pdf>

van Dongen R, Huntley B, Keighery G, Brundrett M (2019). Monitoring vegetation recovery in the early stages of the Dirk Hartog Island Restoration Program using high temporal frequency Landsat imagery. *Ecological Management and Restoration* **20**, 250-261 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081473/081473-20.001.pdf>

(Continued on page 15)

(Continued from page 14)

Vincent BJ, Barrett S, Cochrane A, Renton M (2019). Germination characteristics and the relationship between population structure, soil seed bank density and fire response in the rare endemic *Stachystemon vinosus* (Halford & R.J.F.Hend.) (Euphorbiaceae) from southern Western Australia. *Seed Science Research* **29**, 124-134 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080992/080992-29.002.pdf>

Walker D, Huisman JM, Kilminster K, Kuo J (2020). New perspectives on Western Australian seagrass and macroalgal biogeography. *Journal of the Royal Society of Western Australia* **103**, 29-37 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080204/080204-103.001.pdf>

Ward B, Wills A, Tunsell V (submitted). Silviculture and fire effects on understorey flowering in jarrah forest. *Australian Forestry* <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/904077/904077-83.002.pdf>

Warden JG, Coshell L, Rosen MR, Breecker DO, Ruthrof KX, Omelon CR (2019). The importance of groundwater flow to the formation of modern thrombolitic microbialites. *Geobiology* **17**, 536-550 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081266/081266-17.001.pdf>

Ward-Fear G, Balanggarra Rangers, Pearson D, Bruton, R Shine R (2019). Sharper eyes see shy lizards: collaboration with indigenous people can alter the outcomes of a research program. *Conservation Letters* **12**: e12643 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081131/081131-12.002.pdf>

Wege JA (2020). Styleworts under the microscope: a taxonomic account of *Levenhookia* (Stylidiaceae). *Phytokeys* **151**, 1-47 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081205/081205-151.001.pdf>

Wege JA, Davis RW (2020). Better the devil you know: *Teucrium diabolicum* (Lamiaceae), a new species from mining tenements in the Coolgardie bioregion. *Nuytsia* **31**, 129-133 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.024.pdf>

Wege JA, Guerin GR (2020). Living on the edge: *Hemigenia diadela* (Lamiaceae), a new species from remnant vegetation in Western Australia's northern Avon wheatbelt. *Nuytsia* **31**, 69-73 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.013.pdf>

Wege JA, Hislop M (2020). Few and far between: *Philothea richardsoniana* (Rutaceae), a new rarity from Western Australia's Avon wheatbelt. *Nuytsia* **31**, 9-13 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.002.pdf>

Wege JA, Shepherd KA (2020). 50 years of botanical discovery: a golden anniversary edition of *Nuytsia*, the journal of the Western Australian Herbarium. *Nuytsia* **31**, 1-7 <https://library.dbca.wa.gov.au/static/Journals/080057/080057-31.001.pdf>

White L, Catterall C, Tomlinson S, Taffs K (2020). Rare or overlooked? The distribution of hairy jointgrass in north coast New South Wales, Australia and implications for its conservation status. *Journal for Nature Conservation* **54**: 125792 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081444/081444-54.001.pdf>

Wills AJ, Liddelow G, Tunsell V (2020). Wildfire and fire mosaic effects on bird species richness and community composition in south-western Australia. *Fire Ecology* **16**: 5 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081149/081149-16.001.pdf>

Wilson P, Thums M, Pattiaratchi C, Whiting S, Pendoley K, Ferreira LC et al. (2019). High predation of marine turtle hatchlings near a coastal jetty. *Biological Conservation* **236**, 571-579 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080467/080467-236.002.pdf>

Wilson SK, Robinson JPW, Chong-Seng K, Robinson J, Graham NAJ (2019). Boom and bust of keystone structure on coral reefs. *Coral Reefs* **38**, 625-635 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080974/080974-38.004.pdf>

Woinarski JCZ, Braby MF, Burbidge AA, Coates D, Garnett ST, Fensham RJ et al. [McKenzie NL] (2019). Reading the black book: the number, timing, distribution and causes of listed extinctions in Australia. *Biological Conservation* **239**: 108261 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080467/080467-239.001>

Woolley L-A, Geyle HM, Murphy BP, Legge SM, Palmer R, Dickman CR et al. (2019). Introduced cats (*Felis catus*) eating a continental fauna: inventory and traits of Australian mammal species killed. *Mammal Review* **49**, 354-368 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080689/080689-49.001.pdf>

(Continued on page 16)

(Continued from page 15)

Wysong ML, Hradsky BA, Iacona GD, Valentine LE, Morris K, Ritchie EG (2020). Space use and habitat selection of an invasive mesopredator and sympatric, native apex predator. *Movement Ecology* **8**: 18 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081457/081457-08.001.pdf>

Wysong ML, Iacona GD, Valentine LE, Morris K, Ritchie EG (submitted). On the right track: placement of camera traps on roads improves detection of predators and shows non-target impacts of feral cat baiting. *Wildlife Research* <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080279/080279-47.002.pdf>

Yates CJ, Robinson T, Wardell-Johnson GW, Keppel G, Hopper SD, Schut AGT et al. [Byrne M] (2019). High species diversity and turnover in granite inselberg floras highlight the need for a conservation strategy protecting many outcrops. *Ecology and Evolution* **9**, 7660-7675 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081141/081141-09.001.pdf>

Books/Chapters

Burrows N (2020). Expert opinion. In *Prescribed Burning in Australasia: the Science, Practice and Politics of Burning the Bush* (eds A Leavesley, M Wouters, R Thornton). pp. 209-211. Australasian Fire and Emergency Service Authorities Council, East Melbourne <https://library.dbca.wa.gov.au/static/StaffOnly/926571.002.pdf>

Davison EM, Bougher NL, Brundrett MC, Hart R, Knight KJ (2019). Fungi: the invisible linkage. In *A Jewel in the Crown of a Global Biodiversity Hotspot* (ed H Lambers). pp. 295-314. Kwongan Foundation, Perth <https://library.dbca.wa.gov.au/static/StaffOnly/630850.004.pdf>

Huisman JM (2019). *Marine Plants of Australia*. 2nd Edition. UWA Publishing, Crawley. 435 p.

Keighery BJ, Keighery GJ, Tauss C (2019). Threatened and conservation-listed plant communities in the proposed Yule Brook Regional Park. In *A Jewel in the Crown of a Global Biodiversity Hotspot* (ed H Lambers). pp. 163-207. Kwongan Foundation, Perth <https://library.dbca.wa.gov.au/static/StaffOnly/630850.002.pdf>

Keighery GJ, Keighery BJ, Tauss C (2019). Weeds of the proposed Yule Brook Regional Park. In *A Jewel in the Crown of a Global Biodiversity Hotspot* (ed H Lambers). pp. 349-376. Kwongan Foundation, Perth <https://library.dbca.wa.gov.au/static/StaffOnly/630850.005.pdf>

McCaw L, Burrows N (2020). Prescribed fire as a tool for land management in southern Australian forests and woodlands: a land management perspective. In *Prescribed Burning in Australasia: the Science, Practice and Politics of Burning the Bush* (eds A Leavesley, M Wouters, R Thornton). pp. 82-93. Australasian Fire and Emergency Service Authorities Council, East Melbourne <https://library.dbca.wa.gov.au/static/StaffOnly/926571.001.pdf>

Ohtaka A, Hirabayashi K, Wetzel MJ, Schenková J, Pinder A (eds) (2020). Proceedings of the 14th International Symposium on Aquatic Oligochaeta. *Zoosymposia* **17**. Magnolia Press, Auckland. 189 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072439.pdf>

Abstracts

Bates B, Dowdy A, McCaw L (2020). Investigation of relationship between large-scale climate variability modes and lightning-ignited wildfires in the Warren region, Western Australia: preliminary results. (ABSTRACT) In *Abstract Book: AMOS Annual Conference 2020, Esplanade Hotel Fremantle by Rydges, 10-14 February 2020* p. 224 <https://library.dbca.wa.gov.au/static/StaffOnly/072440.002.pdf>

Bentley B, Whiting S, Mitchell N (2020). End of the line? Nesting phenology shifts unable to mitigate adverse impacts of climate change on winter nesting sea turtles. (ABSTRACT) In *Proceedings of the 4th Australian Marine Turtle Symposium, 8-10 September 2018, Bundaberg, Queensland* (comps AD Tucker, KM Hofmeister CJ Limpus). p. 33 <https://library.dbca.wa.gov.au/static/StaffOnly/072477.001.pdf>

Bradfield K, Lambert C, Williams K (2020). Recovering the white-bellied frog in south-west Western Australia: successes, challenges and the importance of collaborations. (ABSTRACT) In *Book of Abstracts, Oral Presentations: WCH9, 9th World Congress of Herpetology, 5-10 January 2020, Dunedin, New Zealand* p. 63 <https://library.dbca.wa.gov.au/static/StaffOnly/072473.001.pdf>

(Continued on page 17)

(Continued from page 16)

Cowen S, Sims C, Angus J, Garretson S, Morris K, Rayner K et al. [Gibson L] (2019). Island hopping: translocations of hare-wallabies between remote islands. (ABSTRACT) In *Australasian Wildlife Management Society 32nd Annual Conference: Wildlife Management in Remote Landscapes*, 3-5 December 2019, Darwin, NT, Australia: Book of Abstracts p. 63 <https://library.dbca.wa.gov.au/static/StaffOnly/072432.006.pdf>

Cross S, Tomlinson S, Craig M, Bateman B (2020). Using monitors to monitor restoration: how does Australia's largest lizard respond to mine site restoration? (ABSTRACT) In *Book of Abstracts, Oral Presentations: WCH9, 9th World Congress of Herpetology*, 5-10 January 2020, Dunedin, New Zealand p. 120 <https://library.dbca.wa.gov.au/static/StaffOnly/072473.002.pdf>

Densmore VS, Clingan ES (2019). Prescribed burning in banksia woodland mitigates the disturbance by bushfire to a critical food resource for the endangered Carnaby's cockatoo. (ABSTRACT) In *Prescribed Burning Conference 2019: Evidence & Policy: Conference Program*, 31 July-1 Aug 2019, the University of Western Australia, 13-14 <https://library.dbca.wa.gov.au/static/StaffOnly/072386.007.pdf>

Dunlop J, Read J (2019). Pilbara trials of Felixer grooming traps: felid lickin' good. Abstract of presentation at 2019 WA Threatened Species Forum, 5-6 September, Geraldton. p. 1 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20353.005.pdf>

Dunlop J, Read J (2019). Pilbara trials of Felixer grooming traps: felid lickin' good. PowerPoint presentation at 2019 WA Threatened Species Forum, 5-6 September, Geraldton. 24 p <https://library.dbca.wa.gov.au/static/FullTextFiles/C20353.005.a.pdf>

Elliott C, Krauss S, Turner S, Miller B, Lewandrowski W, Merritt D et al [Bunn E, Davis B, Stevens J] (2019). Integrated scientific approaches to rare species restoration: lessons learnt from Western Australia's Kings Park and Botanic Garden. (ABSTRACT) In *SER 2019, 8th World Conference on Ecological Restoration: Restoring Land, Water & Community Resilience: Book of Abstracts*, September 24-28, Cape Town, South Africa p. 67 <https://library.dbca.wa.gov.au/static/StaffOnly/072421.006.pdf>

Elliott C, Lewandrowski W, Merritt D, Miller B, Stevens J, Turner S (2019). Application of restoration science to threatened species translocation: insights from a short-range banded ironstone species. (ABSTRACT) In *SER 2019, 8th World Conference on Ecological Restoration: Restoring Land, Water & Community Resilience: Book of Abstracts*, September 24-28, Cape Town, South Africa, 67-68 <https://library.dbca.wa.gov.au/static/StaffOnly/072421.007.pdf>

Erickson TE, Muñoz-Rojas M, Guzzomi AL, Masarei M, Ling E, Bateman AM et al. [Turner SR, Merritt DJ] (2019). A case study of seed-use technology development for Pilbara mine site rehabilitation. (ABSTRACT) In *Mine Closure 2019: Proceedings of the 13th International Conference on Mine Closure*, 3-5 September 2019, Perth, Western Australia, 1-2 <https://library.dbca.wa.gov.au/static/StaffOnly/072413.001.a.pdf>

Etchells H, O'Donnell A, Grierson P, McCaw L (2019). Does fire severity matter? Regeneration across a large-scale vegetation mosaic following mixed-severity wildfire. (ABSTRACT) In *Prescribed Burning Conference 2019: Evidence & Policy: Conference Program*, 31 July-1 Aug 2019, the University of Western Australia p. 9 <https://library.dbca.wa.gov.au/static/StaffOnly/072386.001.pdf>

FitzSimmons NN, Stewart D, Pittard SD, McIntyre N, Jensen MP, Guinea M, et al. [Prince B, Tucker AD, Whiting S] (2020). Population genetics of flatback turtles: behavioural insights and conservation implications. (ABSTRACT) In *Proceedings of the 4th Australian Marine Turtle Symposium*, 8-10 September 2018, Bundaberg, Queensland (comps AD Tucker, KM Hofmeister CJ Limpus)., 45-46 <https://library.dbca.wa.gov.au/static/StaffOnly/072477.002.pdf>

Fontaine J, Tangney R, Miller RG, Miller B (2019). Fuel loads and fire hazard in banksia woodlands of the Swan Coastal Plain. (ABSTRACT) In *Prescribed Burning Conference 2019: Evidence & Policy: Conference Program*, 31 July-1 Aug 2019, the University of Western Australia p. 15 <https://library.dbca.wa.gov.au/static/StaffOnly/072386.008.pdf>

(Continued on page 18)

(Continued from page 17)

Gammon M, McGrath G, Fossette S, Mitchell N (2020). Metabolic heat in sea turtle nests: does it matter? (ABSTRACT) In *Book of Abstracts, Oral Presentations: WCH9, 9th World Congress of Herpetology, 5-10 January 2020, Dunedin, New Zealand* p. 183 <https://library.dbca.wa.gov.au/static/StaffOnly/072473.003.pdf>

Gosper C, Beecham B, Prober S, Yates C (2019). Prescribed fire for rejuvenation of vegetation and recovery of threatened flora. (ABSTRACT) In *Prescribed Burning Conference 2019: Evidence & Policy: Conference Program, 31 July-1 Aug 2019, the University of Western Australia* p. 10 <https://library.dbca.wa.gov.au/static/StaffOnly/072386.002.pdf>

Ling E, Guzzomi AL, Merritt DJ, Renton M, Erickson TE (2019). Flash flaming technology shows promise to improve seed-based rehabilitation outcomes. (ABSTRACT) In *Mine Closure 2019: Proceedings of the 13th International Conference on Mine Closure, 3-5 September 2019, Perth, Western Australia, 1-2* <https://library.dbca.wa.gov.au/static/StaffOnly/072413.002.a.pdf>

Lyons MN (2019). The gypsum flora and plant communities of Western Australia. PowerPoint presentation at 2nd International Workshop GYPWORLD, 1-4 April 2019, Reggio Calabria (Italy). 39 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072356.001.a.pdf>

Masarei M, Guzzomi AL, Merritt DJ, Erickson TE (2019). Improvements to mechanical direct seeder design guided by the optimal sowing depth of soft spinifex (*Triodia pungens*). (ABSTRACT) In *Mine Closure 2019: Proceedings of the 13th International Conference on Mine Closure, 3-5 September 2019, Perth, Western Australia, 1-2* <https://library.dbca.wa.gov.au/static/StaffOnly/072413.003.a.pdf>

Mawson P (2019). Improving the diet of western swamp tortoises at Perth Zoo. PowerPoint presentation at Australian and New Zealand Laboratory Animal Association Conference, Perth, 11-13 September 2019. 13 p <https://library.dbca.wa.gov.au/static/FullTextFiles/C20357.pdf>

McCaw L (2019). Beyond the interface: the contribution of prescribed fire to managing environmental values in the broader landscape. (ABSTRACT) In *Prescribed Burning Conference 2019: Evidence & Policy: Conference Program, 31 July-1 Aug 2019, the University of Western Australia* p. 12 <https://library.dbca.wa.gov.au/static/StaffOnly/072386.004.pdf>

McCaw L (2019). Beyond the interface: the contribution of prescribed fire to managing environmental values in the broader landscape. PowerPoint presentation at Prescribed Burning Conference 2019: Evidence & Policy: 31 July-1 Aug 2019, the University of Western Australia. 22 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072386.004.a.pdf>

McCaw L (2020). Prescribed fire as a tool for land management and bushfire risk mitigation in southern Australia. PowerPoint presentation at 64th Annual Conference of the Australasian Agricultural and Resource Economics Society, Perth, 11-14 February 2020. 10 p <https://library.dbca.wa.gov.au/static/FullTextFiles/C20354.pdf>

Millar M, Coates D, Byrne M, Krauss S, Anthony J, Williams M et al. (2019). Is restoration working? An ecological genetic assessment. PowerPoint presentation at The Science of Ecological Restoration in the Great Southern Workshop, Albany, 1 November 2019. University of Western Australia, Albany. 51 p <https://library.dbca.wa.gov.au/static/FullTextFiles/C20356.pdf>

Miller B (2019). Effects of prescribed burning: weed management interactions on *Banksia* woodlands fuels, weed cover and native species. (ABSTRACT) In *Prescribed Burning Conference 2019: Evidence & Policy: Conference Program, 31 July-1 Aug 2019, the University of Western Australia* p. 13 <https://library.dbca.wa.gov.au/static/StaffOnly/072386.006.pdf>

Miller B, Cowan E, Fontaine J, Standish R (2019). Interactions between fire and ecological restoration in southwest Australia. (ABSTRACT) In *SER 2019, 8th World Conference on Ecological Restoration: Restoring Land, Water & Community Resilience: Book of Abstracts, September 24-28, Cape Town, South Africa*, 134-135 <https://library.dbca.wa.gov.au/static/StaffOnly/072421.011.pdf>

(Continued on page 19)

(Continued from page 18)

Miller RG, Tangney R, Enright NJ, Fontaine JB, Merritt DJ, Ooi MKJ et al. [Ruthrof KX, Miller BP] (2019). Mechanisms of fire seasonality effects on plant populations. (ABSTRACT) In *Prescribed Burning Conference 2019: Evidence & Policy: Conference Program, 31 July-1 Aug 2019, the University of Western Australia* p. 13 <https://library.dbca.wa.gov.au/static/StaffOnly/072386.005.pdf>

Mirfakhraei B, Veneklaas E, Stevens J, Krauss S (2019). Seed sourcing for plant restoration: provenance effects alone do not categorically define seed sourcing methods under field conditions. (ABSTRACT) In *SER 2019, 8th World Conference on Ecological Restoration: Restoring Land, Water & Community Resilience: Book of Abstracts, September 24-28, Cape Town, South Africa* p. 137 <https://library.dbca.wa.gov.au/static/StaffOnly/072421.013.pdf>

O'Donnell A, McCaw L, Cook E, Grierson P (2020). Drought risk for WA's major agricultural region: insights from a 500-year proxy rainfall record. (ABSTRACT) In *Abstract Book: AMOS Annual Conference 2020, Esplanade Hotel Fremantle by Rydges, 10-14 February 2020* p. 132 <https://library.dbca.wa.gov.au/static/StaffOnly/072440.001.pdf>

Penton C, Woolley L-A, Radford I, Murphy B (2019). Tree hollow requirements of three arboreal mammals on the Tiwi Islands, northern Australia. (ABSTRACT) In *The Australian Mammal Society Conference, Sydney 2019: 65th Meeting of the Australian Mammal Society, 7-11 July 2019, Veterinary Science Conference Centre, The University of Sydney* p. 60 <https://library.dbca.wa.gov.au/static/StaffOnly/072384.002.pdf>

Radford I (2019). Prescribed burning benefits threatened mammals in north Kimberley savannas: case study. (ABSTRACT) In *Prescribed Burning Conference 2019: Evidence & Policy: Conference Program, 31 July-1 Aug 2019, the University of Western Australia* p. 11 <https://library.dbca.wa.gov.au/static/StaffOnly/072386.003.pdf>

Robbins WD, D'Cruz E, Holmes T, Kendrick A (2019). Marine park management in the Kimberley: combining traditional knowledge and western science. (ABSTRACT) In *AMSA 2019: Marine Science for a Blue Economy, 7-11 July 2019, Fremantle, Perth: Program Handbook* p. 176 <https://library.dbca.wa.gov.au/static/StaffOnly/072418.011.pdf>

Schmölz K, Pinder AM, Kuchling G, Gollmann G (2019). Evaluating novel wetlands for assisted colonization of the western swamp turtle, *Pseudemydura umbrina* in a changing climate: macro-invertebrate communities, biomass and turtle diet. (ABSTRACT) In *XX European Congress of Herpetology, Milan 2-6 September 2019: Program & Abstracts* p. 229 <https://library.dbca.wa.gov.au/static/StaffOnly/072422.001.pdf>

Stubbs J, Mitchell N, Vanderkluft M, Fossette S, Pillans R, Marn N (2020). A full life cycle Dynamic Energy Budget model for Ningaloo green turtles. (ABSTRACT) In *Proceedings of the 4th Australian Marine Turtle Symposium, 8-10 September 2018, Bundaberg, Queensland* (comps AD Tucker, KM Hofmeister CJ Limpus). p. 84 <https://library.dbca.wa.gov.au/static/StaffOnly/072477.003.pdf>

Tedeschi J, Mitchell N, Berry O, Whiting S, Meekan M, Kennington J (2020). Can flatback (*Natator depressus*) sea turtle embryos cope with and adapt to high nest temperatures? (ABSTRACT) In *Proceedings of the 4th Australian Marine Turtle Symposium, 8-10 September 2018, Bundaberg, Queensland* (comps AD Tucker, KM Hofmeister CJ Limpus). p. 85 <https://library.dbca.wa.gov.au/static/StaffOnly/072477.004.pdf>

Tucker T, Pendoley K, Whiting S (2020). Distribution and abundance of nesting marine turtles in northwestern Australia: pairing the landscape and local perspectives. (ABSTRACT) In *Proceedings of the 4th Australian Marine Turtle Symposium, 8-10 September 2018, Bundaberg, Queensland* (comps AD Tucker, KM Hofmeister CJ Limpus). p. 87 <https://library.dbca.wa.gov.au/static/StaffOnly/072477.005.pdf>

(Continued on page 20)

(Continued from page 19)

Vanderklift M, Arthur K, Tucker T (2020). Stable Isotope Workshop. In *Proceedings of the 4th Australian Marine Turtle Symposium, 8-10 September 2018, Bundaberg, Queensland* (comps AD Tucker, KM Hofmeister CJ Limpus)., 118-120 <https://library.dbca.wa.gov.au/static/StaffOnly/072477.009.pdf>

Webber B, Tomlinson S, Espeland E, Halsey L, Dalziell E, Elliott C et al. [Lewandrowski W, Davis B, Sinclair E] (2019). Is the future-proofing of biodiversity conservation an unattainable oxymoron? (ABSTRACT) In *Species on the Move 2019: Kruger National Park, South Africa, 22nd-26th July 2019* p. 1 <https://library.dbca.wa.gov.au/static/FullTextFiles/C20349.pdf>

Whiting A, Whiting S (2020). Key components for conducting effective and efficient nesting track surveys. (ABSTRACT) In *Proceedings of the 4th Australian Marine Turtle Symposium, 8-10 September 2018, Bundaberg, Queensland* (comps AD Tucker, KM Hofmeister CJ Limpus). p. 93 <https://library.dbca.wa.gov.au/static/StaffOnly/072477.006.pdf>

Whiting S, Whiting A, Macrae I, Mortimer J, van de Crommenacker J (2020). Developmental migrations by hawksbill turtles from Cocos Keeling Islands to western Indian Ocean: multiple lines of evidence. (ABSTRACT) In *Proceedings of the 4th Australian Marine Turtle Symposium, 8-10 September 2018, Bundaberg, Queensland* (comps AD Tucker, KM Hofmeister CJ Limpus). p. 94 <https://library.dbca.wa.gov.au/static/StaffOnly/072477.007.pdf>

Wilson P, Thums M, Pattiaratchi C, Whiting S, Pendoley K, Meekan M (2020). High predation by fishes on turtle hatchlings at a site with a jetty. (ABSTRACT) In *Proceedings of the 4th Australian Marine Turtle Symposium, 8-10 September 2018, Bundaberg, Queensland* (comps AD Tucker, KM Hofmeister CJ Limpus). p. 98 <https://library.dbca.wa.gov.au/static/StaffOnly/072477.008.pdf>

Woinarski J, Braby M, Burbidge A, Coates D, Garnett S, Fensham R et al. [McKenzie NL] (2019). Reading the black book: Australian mammal extinctions in context. In *The Australian Mammal Society Conference, Sydney 2019: 65th Meeting of the Australian Mammal Society, 7-11 July 2019, Veterinary Science Conference Centre, The University of Sydney* p. 10 <https://library.dbca.wa.gov.au/static/StaffOnly/072384.001.pdf>

Reports/Chapters

Algar D, O'Donoghue M, Quinn J, Johnston M (2020). Hisstory® feral cat bait: report to Australian Government, National Landcare Programme, June 2020. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 33 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072479.pdf>

Birch N, Dunlop J, Moore H, Cowan M (2019). Northern quoll targeted surveys in the Chichester Ranges. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 49 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072471.pdf>

Cale D, Pinder A (2020). Wheatbelt wetland biodiversity monitoring: fauna monitoring at Wheatfield Lake 1997-2011. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 32 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072450.pdf>

Cale D, Pinder A (2020). Wheatbelt wetland biodiversity monitoring: fauna monitoring at Goonaping Swamp 1998-2012. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 23 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072451.pdf>

Cendón DI, Rutherford J, Hankin S (2020). Hydrogeochemical and isotopic assessment of groundwater recharge at Toolibin Lake, WA: prepared for Department of Biodiversity, Conservation and Attractions, WA by ANSTO Environment. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 121 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072449.pdf>

Commonwealth of Australia (2020). National Light Pollution Guidelines for Wildlife Including Marine Turtles, Seabirds and Migratory Shorebirds. Department of the Environment and Energy, Canberra. 111 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072454.pdf>

Coote M, Pinder A, Davis R, Huntley B (2019). Trip report: DBCA Lake Carnegie reconnaissance, 1-8 October 2019. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 16 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072435.pdf>

(Continued on page 21)

(Continued from page 20)

Cowan MA, Shepherd B, Doughty P, Bamford M (2020). Report on the finding of introduced species, *Saproscincus rosei* (Rose's shadeskink), on the Swan Coastal Plain, Western Australia. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 6 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072474.pdf>

Crawford A, Kelly A (2020). Seed quality of *Eucalyptus rhomboidea*, *Hakea pendens* and *Marianthus aquilonaris* seed collections collected by Botanica Consulting for Audalia Resources Limited. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 7 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072455.pdf>

DBCA (2020). Biodiversity survey, mapping, delineation and assessment of selected organic mound springs of the Kimberley Region. DBCA, Kensington, WA. 142 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072448.pdf>

DBCA (2020). Demonstrating the effectiveness of detector dogs for feral cat control in wheatbelt reserves of Western Australia. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 16 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072466.pdf>

Dziminski M, Carpenter F, Morris F (2020). Abundance monitoring in 2019 of bilbies at Warralong, Western Australia, using DNA extracted from scats. Department of Biodiversity, Conservation and Attractions, Woodvale, WA. 9 p <https://library.dbca.wa.gov.au/static/StaffOnly/072462.pdf>

Elliott C, Lewandrowski W, Turner S, Krauss S, Merritt D, Miller B et al. [Stevens J] (2019). *Tetratheca erubescens* translocation, annual research report 2 for Mineral Resources Limited, March 2018 to March 2019. Department of Biodiversity, Conservation and Attractions, Kings Park, W.A. 77 p <https://library.dbca.wa.gov.au/static/StaffOnly/072400.pdf>

Elliott C, Lewandrowski W, Turner S, Krauss S, Merritt D, Miller B et al. [Stevens J] (2020). *Tetratheca erubescens* translocation, annual research report 3 for Mineral Resources Limited, March 2019 to March 2020. Department of Biodiversity, Conservation and Attractions, Kings Park, W.A. 80 p <https://library.dbca.wa.gov.au/static/StaffOnly/072457.pdf>

Keighery G, Lilburn K (2019). Cape Range bush blitz: vascular plants, June 2019. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 13 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072452/>

Kinloch J (2019). The feasibility of using Tracklog data to determine feral herbivore hotspots and surveillance effort in Pilbara conservation areas. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 26 p <https://library.dbca.wa.gov.au/static/StaffOnly/072388.pdf>

Lohr C, Koch JM (2019). Browsing impact of boodies (*Bettongia lesueur*) and mala (*Lagorchestes hirsutus*) in a predator proof enclosure at Matuwa. Department of Biodiversity, Conservation and Attractions, Woodvale, WA. 38 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072465.pdf>

Lyons M, Collins M, Pryde J, English V (2020). Flora. In *Biodiversity survey, mapping, delineation and assessment of selected organic mound springs of the Kimberley Region* pp. 7-19, 108-133. Department of Biodiversity, Conservation and Attractions, Kensington, WA <https://library.dbca.wa.gov.au/static/FullTextFiles/072448.001.pdf>

Merritt D, Erickson T (2020). Seed dormancy break and germination of *Aluta quadrata*: final report. Department of Biodiversity, Conservation and Attractions, Kings Park, W.A. 16 p <https://library.dbca.wa.gov.au/static/StaffOnly/072467.pdf>

Ottewell K, McArthur S, van Leeuwen S, Byrne M (2019). Ghost bat (*Macroderma gigas*) genetic monitoring, Robe River 2018: final report to Biologic Pty Ltd. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 22 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072430.pdf>

Palmer R, Anderson H, Richards B (2020). Predator control baiting and monitoring program, Yarraloola and Red Hill, Pilbara region, Western Australia: 2019 annual report and final report, year 5. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 64 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072463.pdf>

(Continued on page 22)

(Continued from page 21)

Pinder A, Lewis L, Shiel R (2020). Aquatic invertebrates of three wetlands in the Great Sandy Desert sampled in September 2018. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 14 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072438.pdf>

Pinder A, Quinlan K, Shiel R, Lewis L (2019). A survey of aquatic invertebrates of Nimalarragan wetland north of Broome. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 27 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072387.pdf>

Pinder A, Quinlan K, Shiel R, Lewis L (2020). Aquatic invertebrates. In *Biodiversity survey, mapping, delineation and assessment of selected organic mound springs of the Kimberley Region* pp. 20-47, 134-136. Department of Biodiversity, Conservation and Attractions, Kensington, WA <https://library.dbca.wa.gov.au/static/FullTextFiles/072448.002.pdf>

Pryde J (2020). Ecological community assessment of the Bunda Bunda organic mound springs of the west Kimberley. In *Biodiversity survey, mapping, delineation and assessment of selected organic mound springs of the Kimberley Region* pp. 68-77. Department of Biodiversity, Conservation and Attractions, Kensington, WA <https://library.dbca.wa.gov.au/static/FullTextFiles/072448.004.pdf>

Pryde J (2020). Ecological community assessment of the Victoria-Bonaparte Springs. In *Biodiversity survey, mapping, delineation and assessment of selected organic mound springs of the Kimberley Region* pp. 48-67. Department of Biodiversity, Conservation and Attractions, Kensington, WA <https://library.dbca.wa.gov.au/static/FullTextFiles/072448.003.pdf>

Pryde J (2020). Survey of assemblages of Big Springs organic mound springs of the west Kimberley. In *Biodiversity survey, mapping, delineation and assessment of selected organic mound springs of the Kimberley Region* pp. 78-89. Department of Biodiversity, Conservation and Attractions, Kensington, WA <https://library.dbca.wa.gov.au/static/FullTextFiles/072448.005.pdf>

Rob D, Barnes P, Whiting S, Fossette S, Tucker T, Mongan T (2019). Turtle activity and nesting on the Muiron Islands and Ningaloo Coast: final report: Ningaloo Turtle Program: report to Woodside Energy Limited. Department of Biodiversity, Conservation and Attractions, Exmouth. 51 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072472.pdf>

Rutherford J (2019). Muir-Byenup peat wetland acid release investigation design and initial monitoring results: prepared for the South West Catchments Council (SWCC) project no. 022LM.5640, milestones 1 and 2. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 77 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072445.pdf>

Rutherford J (2020). Hydrological conceptualisation of Toolibin Lake and catchment. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 280 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072443.pdf>

Rutherford J, Greatwich B, Godfrey N, Rings C, Hunter N, McDonald J (2020). Seasonal groundwater-surface water interactions in the Walyarta mound springs and Mandora Lake, 2019-2020. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 59 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072475.pdf>

Sims C, Cowen S, Garretson S, Friend T (2020). Monitoring source populations of fauna for the Dirk Hartog National Park Ecological Restoration Project, 2019. Department of Biodiversity, Conservation and Attractions, Woodvale, WA. 69 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072447.pdf>

Sørensen C, Munday TJ, Rutherford JL (2019). Lake Muir SkyTEM airborne EM data: phase 2, data processing and inversion results. CSIRO, Melbourne. 36 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072444.pdf>

Tucker AD, Hofmeister KM, Limpus CJ (comps) (2020). Proceedings of the 4th Australian Marine Turtle Symposium, 8-10 September 2018, Bundaberg, Queensland. 136 p <https://library.dbca.wa.gov.au/static/StaffOnly/072477.pdf>

(Continued on page 23)

(Continued from page 22)

Tucker T, Whiting S, Fossette S, Rob D, Barnes P (2020). Inter-nesting and migrations by marine turtles of the Muiron Islands and Ningaloo Coast. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 93 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072484.pdf>

Turnbull A, Coote M (2020). Mapping and delineation. In *Biodiversity survey, mapping, delineation and assessment of selected organic mound springs of the Kimberley Region* pp. 90-101. Department of Biodiversity, Conservation and Attractions, Kensington, WA <https://library.dbca.wa.gov.au/static/FullTextFiles/072448.006.pdf>

van Dongen R (2020). Land use and land cover mapping in the Swan and Canning River catchments: technical report. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 25 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072464.pdf>

van Dongen R, Zdunic K, Blom H, Iqbal I (2020). An investigation into identifying wild sandalwood using aerial imagery. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 48 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072453.pdf>

Wills A (2020). Note on inspection for gumleaf skeletonizer (*Uraba lugens*) occurrence summer 2019-2020. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 2 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072456.pdf>

Wills AJ, Farr JD (2020). Climate, vegetation, and fire: confounded effects on *Uraba lugens* (Lepidoptera: Nolidae) moth trap catches across fire boundaries? 28 p <https://library.dbca.wa.gov.au/static/StaffOnly/072470.pdf>

Popular (Landscape, Newsletters, Letters, etc.)

Ayre B (2020). Introduced bees and native plants: friends, foes or acquaintances? *For People & Plants* **109**, 22-25 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/623087/623087-109.002.pdf>

Bancroft K (2019). Monitoring mangroves. *Landscape* **35(1)**, 48-52 <https://library.dbca.wa.gov.au/static/Journals/080052/080052-35.010.pdf>

Blythman M (2020). Taking heed of bird seed. *Landscape* **35(4)**, 20-23 <https://library.dbca.wa.gov.au/static/Journals/080052/080052-35.032.pdf>

Cowen S, Sims C, Lambert C, Friend T (2020). Stepping closer to 1616: more mammals return to Dirk Hartog Island. *Landscape* **35(4)**, 38-41 <https://library.dbca.wa.gov.au/static/Journals/080052/080052-35.036.pdf>

Davis R, Lohr C (2020). Western spotted frogs in the wheatbelt. *Landscape* **35(4)**, 42-46 <https://library.dbca.wa.gov.au/static/Journals/080052/080052-35.037.pdf>

Densmore VS (2019). Key factors contributing to two pyrocumulonimbus clouds erupting during a prescribed burn in Western Australia. Video presentation at Centre of Excellence for Prescribed Burning: Unexpected fire behaviour, 1st Nov 2019 <https://www.youtube.com/watch?v=ewZyGVusQrw>

Densmore VS (2020). Prescribed burning as a conservation tool: the impacts of fuel moisture. Video presentation at National Fire Fuels Science Webinar: The practice of hazard reduction burning, 20th May 2020. Available at <https://www.bnhcrc.com.au/firefuelswebinar/3> 1 video

Densmore VS (2020). Prescribed burning as a conservation tool: the impacts of fuel moisture. Video presentation at National Fire Fuels Science Webinar: The practice of hazard reduction burning, 20th May 2020, questions and answers. Available at <https://www.bnhcrc.com.au/webinar/qandadensmore> 1 video

Edgeloe J, Sinclair E (2020). Unravelling the mystery of Shark Bay seagrass reproduction. *For People & Plants* **110**, 30-33 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/623087/623087-110.002.pdf>

Kinal J, Stoneman G (2019). Towards half a century of thinned, climate-resilient forest. *The Forester Aug/Sep*, 32-33 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081334/081334-2019.08.pdf>

Krauss S (2020). 99 not out: the Kings Park Summer Scholarship Program set to bring up the ton next year! *For People & Plants* **110**, 26-29 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/623087/623087-110.001.pdf>

(Continued on page 24)

(Continued from page 23)

Mayer F (2020). ruODK: an R client for the ODK Central API: software reference manual, version 0.9.0. In <https://ropensci.org/packages/>. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 89 p <https://library.dbca.wa.gov.au/static/FullTextFiles/072478.pdf>

McPhail R, Greatwich B, Carpenter F, Dziminski M (2020). Joining forces: cultural knowledge and modern science combine to safeguard Kimberley bilbies. *Landscape* **35** (3), 23-27 <https://library.dbca.wa.gov.au/static/Journals/080052/080052-35.024.pdf>

Parker CM, Davis RW (2019). Plant of the month, August 2019: *Burchardia rosea* Keighery. Available at <https://florabase.dpaw.wa.gov.au/potm/calendar>. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 2 p <https://library.dbca.wa.gov.au/static/Journals/081093/081093-2019.08.pdf>

Parker CM, Davis RW (2019). Plant of the month, July 2019: *Grevillea drummondii* Meisn., Drummond's grevillea. Available at <https://florabase.dpaw.wa.gov.au/potm/calendar>. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 2 p <https://library.dbca.wa.gov.au/static/Journals/081093/081093-2019.07.pdf>

Parker CM, Davis RW (2020). Plant of the month, April 2020: *Banksia horrida* (Meisn.) A.R.Mast & K.R.Thiele, prickly dryandra. Available at <https://florabase.dpaw.wa.gov.au/potm/calendar>. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 2 p <https://library.dbca.wa.gov.au/static/Journals/081093/081093-2020.04.pdf>

Parker CM, Davis RW (2020). Plant of the month, February 2020: *Regelia ciliata* Schauer. Available at <https://florabase.dpaw.wa.gov.au/potm/calendar>. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 2 p <https://library.dbca.wa.gov.au/static/Journals/081093/081093-2020.02.pdf>

Parker CM, Davis RW (2020). Plant of the month, January 2020: *Pentapeltis peltigera* (Hook.) Bunge. Available at <https://florabase.dpaw.wa.gov.au/potm/calendar>. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 2 p <https://library.dbca.wa.gov.au/static/Journals/081093/081093-2020.01.pdf>

Parker CM, Davis RW (2020). Plant of the month, June 2020: *Nymphoides indica* (L.) Kuntze, marshwort. Available at <https://florabase.dpaw.wa.gov.au/potm/calendar>. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 2 p <https://library.dbca.wa.gov.au/static/Journals/081093/081093-2020.06.pdf>

Parker CM, Davis RW (2020). Plant of the month, March 2020: *Acetabularia caliculus* J.V.Lamour. Available at <https://florabase.dpaw.wa.gov.au/potm/calendar>. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 2 p <https://library.dbca.wa.gov.au/static/Journals/081093/081093-2020.03.pdf>

Parker CM, Davis RW (2020). Plant of the month, May 2020: *Caladenia drummondii* Benth., winter spider orchid. Available at <https://florabase.dpaw.wa.gov.au/potm/calendar>. Department of Biodiversity, Conservation and Attractions, Kensington, WA. 2 p <https://library.dbca.wa.gov.au/static/Journals/081093/081093-2020.05.pdf>

Pinder A (2020). Saving the boordenitj boom. *Society of Wetland Scientists Oceania Chapter Newsletter Feb* p. 2 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/081384/081384-2020.02.001.pdf>

Svejcar L (2020). Fussy plants particular about neighbours. *For People & Plants* **109**, 18-21 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/623087/623087-109.001.pdf>

Wege J (2020). Tarin Rock banjine. *Landscape* **35**(4) p. 47 <https://library.dbca.wa.gov.au/static/Journals/080052/080052-35.038.pdf>

Wege J, Shepherd K (2020). Celebrating 50 years of botanical discovery. *Bushland News* **113**, 3-4 <https://library.dbca.wa.gov.au/static/Journals/080662/080662-113.001.pdf>

Williams A, Williams M (2020). Flowering balga or grass trees, *Xanthorrhoea preissii*: insect beacons in the jarrah forest and *Banksia* woodlands. *Newsletter of the Western Australian Insect Study Society Jun*, 3-6 <https://library.dbca.wa.gov.au/static/StaffOnly/Journals/080531/080531-2020.06.001.pdf>

(Continued on page 25)

(Continued from page 24)

Management plans (Prescriptions, Guidelines, Recovery Plan Reports)

Luu R, Barrett S, Llorens T (2020). *Gastrolobium vestitum*: interim recovery plan. Department of Biodiversity, Conservation and Attractions, Western Australia, Interim Recovery Plan 390 22 p <https://library.dbca.wa.gov.au/static/Journals/080548/080548-390.pdf>

Luu R, Llorens T (2020). *Conospermum galeatum*: interim recovery plan. Department of Biodiversity, Conservation and Attractions, Western Australia, Interim Recovery Plan 389 21 p <https://library.dbca.wa.gov.au/static/Journals/080548/080548-389.pdf>

Species Account

Huisman J (2019). Seaweeds, macroalgae, marine plants. In *Tropical Marine Life of Australia: Plants and Animals of the Central Indo-Pacific* (G Edgar). pp. 29-68. Reed New Holland, Sydney <https://library.dbca.wa.gov.au/static/StaffOnly/926567.003.pdf>

Huisman J, Edgar G, Hallegraeff G (2019). Blue-green algae. In *Tropical Marine Life of Australia: Plants and Animals of the Central Indo-Pacific* (G Edgar). pp. 17-19. Reed New Holland, Sydney <https://library.dbca.wa.gov.au/static/StaffOnly/926567.002.pdf>

van Keulen M, Huisman J (2019). Seagrasses. In *Tropical Marine Life of Australia: Plants and Animals of the Central Indo-Pacific* (G Edgar). pp. 69-71. Reed New Holland, Sydney <https://library.dbca.wa.gov.au/static/StaffOnly/926567.001.pdf>

Submitted

Anderson H, Palmer R (submitted). Working together on country achieves goals for quolls. *Robe River Kuruma Aboriginal Corporation Newsletter*

Anderson N, Fontaine J, Walden L, Lewandrowski W, Ruthrof K (submitted). Ecophysiological mechanisms underpinning resilience to climate change in the northern jarrah forest (Western Australia). (ABSTRACT) In *2020 Conference of the Ecological Society of Australia (ESAus20)*, Wollongong, New South Wales, 29 November -4 December 2020

Andrzejaczek S, Vely M, Jouannet D, Rowat D, Fossette S (submitted). Regional movements of satellite-tagged whale sharks in the Gulf of Aden. *Journal of Fish Biology*

Arthur K, Whiting S, Pendoley K (submitted). Light pollution guidelines to protect marine turtles. *Indian Ocean Turtle Newsletter*

Baker GB, Candy S, Algar D, Friend JA, Holdsworth M, Jenz K et al. [Page M] (submitted). Effectiveness of dogs for detecting feral cat scats in wheatbelt reserves of Western Australia. *Wildlife Research*

Barnes M, Desmond A, Carter R, Newell J, Davis R, Clarke RH et al. [Burbidge AH] (submitted). Houtman Abrolhos painted button-quail *Turnix varius scintillans* (Gould, 1845). In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Barrett R, Macfarlane T, Keighery G (submitted). Taxonomic revision of *Corynotheca* (Hemerocallidaceae / Asphodelaceae). *Telopea*

Bates BC, Dowdy AJ, McCaw L (submitted). A Bayesian approach to exploring the influence of climate variability modes on fire weather conditions and lightning-ignited wildfires. *Climate Dynamics*

Bentley B, Stubbs J, Whiting S, Mitchell N (submitted). Variation in thermal traits describing sex determination and development in Western Australian sea turtle populations. *Functional Ecology*

Bhandari SK, Veneklaas EJ, McCaw L, Mazanec R, Whitford K, Renton M (submitted). Effect of thinning and fertilizer on growth and allometry of *Eucalyptus marginata*. *Forest Ecology and Management*

Binks R, Steane D, Byrne M (submitted). Genomic divergence in sympatry indicates strong reproductive barriers and cryptic species within *Eucalyptus salubris*. *Molecular Ecology*

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

Black AB, McGregor SR, Burbidge AH, Garnett ST (submitted). Cape Range rufous grasswren *Amytornis striatus parvus* (Black, 2020). In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

(Continued on page 26)

(Continued from page 25)

Bougher NL (submitted). Fungi and slime moulds surveyed at Kings Park and Bold Park, Perth, Western Australia. *Western Australian Naturalist*

Bradbury D, Binks R, Byrne M (submitted). Genomic data inform conservation of rare tree species: clonality, diversity and hybridity in *Eucalyptus* series in a global biodiversity hotspot. *Biodiversity and Conservation*

Bradley HS, Tomlinson S, Craig MD, Cross AT, Bateman B (submitted). Mitigation translocation as a management tool. *Conservation Biology*

Breshears DD, Fontaine JB, Ruthrof KX, Field JP, Feng X, Burger JR et al. (submitted). Flying blind on plant vulnerabilities to heat waves: urgent research priorities. *New Phytologist*

Burbidge A, Dolman G, Johnstone R, Burbidge M (submitted). Genetic and morphological relationships of fieldwrens (*Calamanthus*): implications for conservation status and management. *Emu: Austral Ornithology*

Burbidge AH, Blythman M, Garnett ST (submitted). Dirk Hartog southern emu-wren *Stipiturus malachurus hartogi* Carter, 1916. In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Burbidge AH, Comer S, Garnett ST (submitted). Western heath whipbird *Psophodes nigrogularis nigrogularis* Gould, 1844. In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Burbidge AH, Cowen S, Garnett ST (submitted). Dorre rufous fieldwren *Calamanthus campestris dorrie* Mathews, 1912. In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Burbidge AH, Cowen S, Garnett ST (submitted). Shark Bay purple-backed fairy-wren *Malurus lamberti bernieri* Ogilvie-Grant, 1909. In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Burbidge AH, Ford SS, Blythman M, Garnett ST (submitted). Dirk Hartog rufous fieldwren *Calamanthus campestris hartogi* Carter, 1916. In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Burbidge AH, Ford SS, Garnett ST (submitted). Barrow Island white-winged fairy-wren *Malurus leucopterus edouardi* Campbell, 1901. In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Burbidge AH, Ford SS, Garnett ST (submitted). Dirk Hartog white-winged fairy-wren *Malurus leucopterus leucopterus* Dumont de Sainte Croix, 1824. In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Burrows N, Stephens C, Wills A (submitted). Experimental management to create a fine-scale fire mosaic in a south west Australian forest landscape. *Australian Forestry*

Butcher R (submitted). *Tephrosia cowiei* (Fabaceae: Millettieae), a poorly known new species from the Central Kimberley, Western Australia. *Nuytsia*

Ceriani SA, Addison DS, Anderson D, Desjardin N, Eastman S, Evou N et al. [Tucker AD] (submitted). Foraging areas of the most important loggerhead (*Caretta caretta*) sea turtle population worldwide: implications for conservation. (ABSTRACT) In *Proceedings IsoEcol 2020 conference, Gaming Austria, June 20-26 2021*. <https://sites.google.com/view/isoecol2020/>

Comer S, Burbidge AH, Danks A, Garnett ST (submitted). Noisy scrub-bird *Atrichornis clamosus* (Gould, 1844). In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Comer S, Burbidge AH, Danks A, Garnett ST (submitted). Western bristlebird *Dasyornis longirostris* Gould, 1841. In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Comer S, Burbidge AH, Garnett ST (submitted). Western ground parrot *Pezoporus wallicus flaviventris* North, 1911. In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Cowan EL, Standish RJ, Miller BP, Enright NJ, Fontaine JB (submitted). How to measure the effects of wild-type disturbances on restored ecosystems. *Restoration Ecology*

Crawford A, Cuneo P, Duval D, Guerin J, Wood J, Wrigley D (submitted). Seed banks respond to the bushfires with collecting, research and restoration. *Australasian Plant Conservation*

Davis R, Swann G, Burbidge AH, Garnett ST (submitted). Western partridge pigeon *Geophaps smithii blaauwi* (Mathews, 1912). In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

(Continued on page 27)

(Continued from page 26)

Davis RW, Palmer J, Hammer TA (submitted). Two new species of *Gomphrena* (Amaranthaceae) from central and northern Australia. *Swainsona*

Davison E, Giustiniano D (submitted). *Amanita hiltonii* (Basidiomycota), a common but frequently misidentified mushroom in southwestern Australia and reconsideration of *A. albifimbriata* and *A. brunneibulbosa*. *Nuytsia*

Donovan R, Shepherd KA (submitted). A systematic study of the presence of dimethyltryptamine and related psychoactive substances in Western Australian acacias. (ABSTRACT) In *22nd Triennial Meeting of the International Association of Forensic Sciences In conjunction with the 25th Symposium of the Australian & New Zealand Forensic Science Society 17 May-21 May 2021, International Convention Centre Sydney, Australia* (<https://iafs2020.com.au/>)

Dundas SJ, Osborne L, Hopkins AJM, Ruthrof KX, Fleming PA (submitted). Bioturbation by echidnas in a mesic Mediterranean forest habitat. *Australian Journal of Zoology*

Dundas SJ, Ruthrof KX, Hardy GE St J, Fleming PA (submitted). Some like it hot: drought-induced forest die-off influences reptile assemblages. *Biodiversity and Conservation*

Dunlop J, Smith A, Burbidge AH, Thomas N, Hamilton NA, Morris K (submitted). Industry environmental offset funding facilitates a large multi-species fauna translocation program. *Pacific Conservation Biology*

Dunlop J, Watson M (submitted). The hitchhiker's guide to Australia: a parasitological perspective on conservation translocations. *Austral Ecology*

Dziminski M, Carpenter F (submitted). Abundance monitoring of bilbies at Mount Gibson Sanctuary, Western Australia, using DNA extracted from scats

Dziminski M, Carpenter F, Morris F (submitted). The distribution of the greater bilby (*Macrotis lagotis*) in the Pilbara region

Eldridge MDB, Pearson DJ, Potter S (submitted). Identification of a novel hybrid zone within the black-footed rock-wallaby (*Petrogale lateralis*) in Western Australia. *Australian Mammalogy*

Erickson T, Merritt D (submitted). Global Innovation Linkages Program round 1: progress report

Evans RD, McMahon KM, van Dijk K-J, Dawkins K, Nilsson Jacobi M, Vikrant A (submitted). Seascape genetic analysis identifies barriers to dispersal for the colonising seagrass *Halodule uninervis*

Feng S, Stiller J, Deng Y, Armstrong J, Fang Q, Hart Reeve A et al. (submitted). Densely sampling genomes across the diversity of birds increases power of comparative genomics analyses. *Nature*

Ferreira LC, Thums M, Fossette S, Wilson P, Shimada T, Tucker AD et al. [Loewenthal G, King J, Whiting SD] (submitted). Multiple satellite tracking datasets inform green turtle conservation at a regional scale. *Ecology*

French B, Wilson S, Holmes T, Rule M, Ryan N (submitted). Five methods for quantifying abundance and diversity of fish assemblages in seagrass habitat. *Ecological Indicators*

Friend JA (submitted). Family Myrmecobiidae, numbat. In *Mammals of Australia. 4th edition* (eds A. Baker, I. Gynther).

Friend JA (submitted). Gilbert's potoroo, *Potorous gilbertii* (Gould, 1841). In *Mammals of Australia. 4th edition* (eds A. Baker, I. Gynther).

Friend JA (submitted). Numbat, *Myrmecobius fasciatus*, Waterhouse, 1836. In *Mammals of Australia. 4th edition* (eds A. Baker, I. Gynther).

Friend JA (submitted). Shark Bay bandicoot, *Perameles bougainville*, Quoy and Gaimard, 1824. In *Mammals of Australia. 4th edition* (eds A. Baker, I. Gynther).

Friend JA, Kitchener D (submitted). Broad-faced potoroo, *Potorous platyops* (Gould, 1844). In *Mammals of Australia. 4th edition* (eds A. Baker, I. Gynther).

Friend JA, McKenzie NL (submitted). Gilbert's dunnart, *Sminthopsis gilberti*, Kitchener, Stoddart and Henry, 1984. In *Mammals of Australia. 4th edition* (eds A. Baker, I. Gynther).

Friend JA, Vaughan-Higgins R (submitted). Numbat, *Myrmecobius fasciatus*. In *Ethical Wildlife Research in Australia*

Gammon M, Fossette-Halot S, McGrath G, Mitchell N (submitted). A systematic review of metabolic heat in sea turtle nests and methods to model its impact on hatching success. *Frontiers in Ecology and Evolution*

(Continued on page 28)

(Continued from page 27)

Geyle HM, Tingley R, Amey A, Cogger H, Couper P, Cowan M et al. (submitted). Reptiles on the brink: identifying the Australian terrestrial snake and lizard species most at risk of extinction. *Pacific Conservation Biology*

Gibson LA, McKenzie NL (submitted). Golden bandicoot, *Isoodon auratus* (Ramsay, 1887). In *Mammals of Australia. 4th edition* (eds A. Baker, I. Gynther).

Gibson LA, McKenzie NL (submitted). Golden-backed tree-rat, *Mesembriomys macrurus* (Peters, 1876). In *Mammals of Australia. 4th edition* (eds A. Baker, I. Gynther).

Golos P, Merino-Martin L, Commander L, Elliott C, Miller B, Dixon K et al. [Stevens J] (submitted). Interactions between soil covers and rainfall affect plant restoration in semi-arid banded iron formation. *Ecological Engineering*

Gosper CR, Coates DJ, Hopper SD, Byrne M, Yates CJ (submitted). The role of evolutionary history in the distribution, biogeography and conservation of threatened flora in the southwest Australian floristic region. *Biological Journal of the Linnean Society*

Gosper CR, Kinloch J, Coates DJ, Byrne M, Pitt G, Yates CJ (submitted). Differential exposure and susceptibility to threats based on evolutionary history: how Ocbil theory informs flora conservation. *Botanical Journal of the Linnean Society*

Gosper CR, Prober SM (submitted). Using a multi-century post-fire chronosequence to develop criteria to distinguish Prior and Bowman's (2020) post-fire obligate coloniser and fire-intolerant flora. *Fire*

Guzzomi A, Masarei M, Erickson T, Merritt D, Hobbs R (submitted). Engineering restoration for the future. *Frontiers in Ecology and the Environment*

Hardy G, Ruthrof K, Burgess T, Dunstan B (submitted). Understanding the causes of *Eucalyptus rudis* decline in southwestern Australia. (ABSTRACT) In *2020 Conference of the Ecological Society of Australia (ESAus20), Wollongong, New South Wales, 29 November-4 December 2020*

Herring MW, Barratt P, Burbidge AH, Carey M, Clarke A, Comer S et al. (submitted). Australasian bittern *Botaurus poiciloptilus* (Wagler, 1827). In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Hislop M (submitted). *Stenanthera localis* (Ericaceae: Epacridoideae: Styphelieae), a new, critically endangered species from Western Australia. *Nuytsia*

Hounslow JL, Jewell OJD, Fossette S, Whiting S, Tucker AD, Richardson A et al. (submitted). Animal-borne video from a sea turtle reveals novel anti-predator behaviours. *Ecology*

Hyndman T, Algar K, Woodward A, Coiacetto F, Hampton J, Nickels D et al. [Hamilton N, Algar D] (submitted). Oestradiol-17 α pharmacokinetics and histological assessment of the ovaries and uterine horns following subcutaneous administration of oestradiol cypionate in feral cats. *Theriogenology*

Ireland L, Todd M, Hedger C, Hurley V, Luck GW, Smith K et al. [Burbidge AH] (submitted). Eastern regent parrot *Polytelis anthopeplus monarchoides* Schodde, 1993. In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Irschick DJ, Bot J, Brooks A, Bresette M, Fossette S, Gleiss A et al. [Whiting S] (submitted). Creating 3D models of several sea turtle species as accurate digital voucher specimens. *Copeia*

Johnstone RE, Kirkby T, Warren K, Rycken SJE, Shepherd J, Barrett G et al. [Williams MR, Mawson P, Burbidge AH] (submitted). Forest red-tailed black-cockatoo *Calyptorhynchus banksii naso* Gould, 1837. In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Karlsdóttir B, Knight AT, Johnson K, Dawson J (submitted). Lessons from practitioners for designing and implementing effective amphibian captive breeding programmes. *Oryx*

Kilian H, Mills HR, Mawson PR (submitted). Effect of digging by quenda (*Isoodon fusciventer*) on soil on the Swan Coastal Plain, Western Australia. *Wildlife Research*

Koch K, Pink C, Hamilton N, Algar D (submitted). A population genetic study of feral cats on Christmas Island. *Australian Journal of Zoology*

Langlois T, Goetze J, Bond T, Monk J, Abesamis RA, Asher J et al. [Holmes TH] (submitted). A field and video-annotation guide for baited remote underwater stereo-video surveys of demersal fish assemblages. *Methods in Ecology and Evolution*

(Continued on page 29)

(Continued from page 28)

Leseberg NP, Murphy SA, Burbidge AH, Jackett NA, Olsen P, Watson J et al (submitted). Night parrot *Pezoporus occidentalis* (Gould, 1861). In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Lewandrowski W, Stevens J, Webber B, Dalziell E, Trudgen M, Bateman A et al. [Erickson T] (submitted). Global change impacts on arid zone ecosystems: seedling establishment processes are threatened by temperature and water stress. *Functional Ecology*

Lohr MT, Krauss S, Spencer PBS, Anthony J, Burbidge AH, Davis RA (submitted). Widespread genetic connectivity in Australia's most common owl, despite extensive habitat fragmentation. *Emu*

Lowe JR, Williamson DH, Ceccarelli DM, Evans RD, Russ GR (submitted). Environmental disturbance events drive declines in juvenile wrasse biomass on inshore coral reefs of the Great Barrier Reef. *Environmental Biology of Fishes*

Lowe M-A, McGrath G, Leopold M (submitted). The impact of soil water repellency and slope upon runoff and erosion. *Frontiers in Ecology and Evolution*

Macfarlane TD, Conran JG, French CJ (submitted). *Caesia arcuata* (Hemerocallidaceae) from Western Australia, a new rarity with curved inflorescence branches. *Nuytsia*

Macfarlane TD, Degtjareva GV, Samigullin TH, Valiejo-Roman CM, Fomichev CI, Sokoloff DD (submitted). *Althenia tzvelevii* (Potamogetonaceae), a new species from SW Western Australia with bilocular anthers: morphology and molecular phylogenetic relationships. *Phytotaxa*

Marino F, Kinsky R, Shivji I, Di Croce A, Ciucci P, Knight AT (submitted). Enhancing human tolerance to gray wolves and brown bears as a strategy to improve landholder-carnivore co-existence. *Conservation Science and Practice*

Mawson PR, Barton B, Burbidge AH, Garnett ST (submitted). Muir's corella *Cacatua pastinator pastinator* (Gould, 1841). In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

McClanahan T, Darling E, Maina JM, Muthiga N, D'agata S, Leblond J, et al [Wilson SK] (submitted). Highly variable taxa-specific coral bleaching responses to thermal stresses. *Marine Ecology Progress Series*

McNee S, Newbey B, Comer S, Burbidge A (submitted). Western bristlebird *Dasyornis longirostris*: response to fire and persistence of home range in Fitzgerald River National Park. *Australian Field Ornithology*

Merritt D, Cochrane A, Commander L, Sommerville K, Breman E, Quarmbay A (submitted). Seed drying and storage (Florabank guideline)

Millar MA, Byrne M (submitted). Variable clonality and genetic structure among disjunct populations of *Banksia mimica*. *Conservation Genetics*

Miller B (submitted). How plant traits differentiate functional responses of species and communities to changing fire regime: it is more complex than we thought. (ABSTRACT) In *15th Conference on Mediterranean-type ecosystems (MEDECOS), 6-10 September 2021, South Africa*

Miller R, Fontaine JB, Merritt DJ, Miller BP, Enright NJ (submitted). Seasonal fire effects on seedling recruitment in a fire-prone woodland. *Global Change Biology*

Miller R, Tangney R, Enright N, Fontaine J, Merritt D, Ooi M et al. [Ruthrof K, Miller B] (submitted). Plant population vulnerability to changing fire seasonality. (ABSTRACT) In *15th Conference on Mediterranean-type ecosystems (MEDECOS), 6-10 September 2021, South Africa*

Moro D, Morris K, van Leeuwen S, Davie H (submitted). A framework of integrated research for introduced predators in the Pilbara bioregion, Western Australia. *Wildlife Research*

Morris K, Cowen S (submitted). Ash-grey mouse, *Pseudomys albocinereus* (Gould, 1845). In *Mammals of Australia. 4th edition* (eds A. Baker, I. Gynther).

Neumann M, Turner J, Lewis T, McCaw L, Cook G, Adams M (submitted). Litter matters: a continental analysis of litterfall, standing litter and decomposition. *Ecology*

Nistelberger H, Binks R, van Leeuwen S, Coates D, McArthur S, Macdonald B et al. [Hankinson M, Byrne M] (submitted). Extensive genetic connectivity and historical persistence are features of two widespread tree species in the ancient Pilbara region of Western Australia. *Genes*

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(Continued from page 29)

Novak P, Hoeksema S (submitted). Variations in surface water concentrations and composition of per- and polyfluoroalkyl substances in an urban estuary and its accumulation in key estuary resident species. In *Australian Marine Sciences Association conference, 27 June-2 July 2021, Macquarie University, Sydney*

Palmer B, Lohr C, Valentine L, Hobbs R (submitted). Reintroduced digging mammals affect non-native seedling establishment in semi-arid Australian sites. *Ecological Applications*

Penton CE, Radford IJ, Woolley L-A, Murphy BP (submitted). Unexpected hollow overlap among an Australian community of birds, reptiles and declining arboreal mammals in tropical savanna. *Austral Ecology*

Plucinski M, Sullivan A, McCaw L (submitted). Comparing the performance of daily forest fire danger summary metrics for estimating fire activity in southern Australian forests. *International Journal of Wildland Fire*

Pratchett M, Caballes C, Messmer V, Wilson S, Roelofs A, Penny S et al. (submitted). Vulnerability of commercially harvested corals to fisheries exploitation versus environmental pressures. FRDC report

Pratchett MS, Messmer V, Wilson SK (submitted). Size-specific recolonization success by coral-dwelling damselfishes moderates resilience to habitat loss. *Oecologia*

Prober SM, Gosper CR, Yates CJ (submitted). The Australian ecosystem models framework: mallee woodlands and shrublands

Radford IJ, Oliveira SLJ, Byrne B, Woolley L-A (submitted). Tree hollow densities reduced by frequent late dry season wildfires in threatened Gouldian finch (*Erythrura gouldiae*) breeding habitat. *Wildlife Research*

Raudino H, D'Cruz E, Waples K, Menzies J, Murdoch J, Quartermaine T et al. (submitted). Dry season dreaming: snubfin census on Yawuru sea country. *Landscape*

Raudino HC, Cleguer C, Hamel MA, Swaine M, Waples KA (submitted). I spy from the sky: species identification of morphologically similar dolphins using aerial imagery. *Mammalian Biology*

Ritchie AL, Stevens JC, Erickson TE (submitted). Developing tools to overcome soil hydrophobicity using extruded seed pellets inoculated with a soil surfactant. *Ecological Solutions and Evidence*

Ritchie AL, Svejcar LN, Ayre BM, Bolleter J, Brace A, Craig MD et al. [Davis B, Krauss SL, Miller BP, Miller RG, Ramalho CE, Ruthrof KX, Stevens JC] (submitted). A threatened ecological community: research advances and priorities for banksia woodlands. *Pacific Conservation Biology*

Robins T, Binks R, Byrne M, Hopper S (submitted). Contrasting patterns of population divergence on young and old landscapes in *Banksia seminuda* (Proteaceae), with evidence for recognition of subspecies. *Biological Journal of the Linnean Society*

Robins T, Binks R, Byrne M, Hopper S (submitted). Landscape and taxon age are associated with differing patterns of hybridisation in two *Eucalyptus* (Myrtaceae) subgenera. *Annals of Botany*

Robinson JPW, Maire E, Bodin N, Hempson TN, Graham NAJ, Wilson SK et al. (submitted). Climate-induced changes in micronutrient availability for small-scale tropical fisheries. *Nature*

Ross C (submitted). Monitoring the Montebello and Barrow islands marine life. *Monte-Barrow News*

Russell Miller, Ryan Tangney, Neal Enright, Joseph Fontaine, David Merritt, Mark Ooi, Katinka Ruthrof, Ben Miller (submitted). Fire seasonality mechanisms are fundamental for understanding broader fire regime effects

Ruthrof K, van Dongen R, Tarrant D, Ruscalleda Alvarez J, Hardy G, Fontaine J et al. [McCaw L] (submitted). Cross-scale investigation of declining forest cover in southwestern Australia. (ABSTRACT) In *2020 Conference of the Ecological Society of Australia (ESAus20), Wollongong, New South Wales, 29 November-4 December 2020*

Ruthrof K, van Dongen R, Tarrant D, Ruscalleda Alvarez J, Hardy G, Fontaine J et al. [McCaw L] (submitted). Cross-scale investigation of declining forest cover in southwestern Australia. PowerPoint. In *105th Annual Meeting, Ecological Society of America, August 3-August 6, 2020*

Ruthrof KX, Fontaine JB, Breshears DD, Field JP, Allen CD (submitted). Extreme events trigger terrestrial and marine ecosystem collapses: a tale of two regions. In *Ecosystem Collapse and Climate Change* (eds P Canadell, R Jackson).

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(Continued from page 30)

Ruthrof KX, Steel E, Yates R, Skinner P, Ballard N, De Prato L (submitted). Responses to controlled release potassium fertilisers in agriculture following phosphate mining. *Crop and Pasture Science*

Rye BL (submitted). An expanded circumscription and revision of the Western Australian genus *Balaustion* (Myrtaceae: Chamelaucieae: Hysterobaeckinae). *Nuytsia*

Samaniego A, Kappes P, Broome K, Cranwell S, Griffiths R, Harper G, et al. [Palmer R] (submitted). Factors leading to successful island rodent eradications following initial failure

Saunders DA, Mawson PR, Dawson R, Johnstone RE, Kirkby T, Warren K et al. [Williams MR, Yates CJ, Burbidge AH] (submitted). Carnaby's black-cockatoo *Zanda latirostris* (Carnaby, 1948). In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Seidlitz A, Bryant KA, Armstrong NJ, Calver M, Wayne AF (submitted). Sign surveys are more efficient and cost-effective than driven transects and camera trapping: a comparison of detection methods for a small mammal. *Wildlife Research*

Sims C, Rayner K, Knox F, Cowen S (submitted). A trial of transmitter attachment methods for Shark Bay bandicoots (*Perameles bougainville*). *Australian Mammalogy*

Sinclair EA, Edgeloe JM, Anthony JM, Statton J, Breed MF, Kendrick GA (submitted). Finding a balance: low genetic diversity, pollen limitation and elevated salinity lower sexual reproduction in extensive trailing edge meadows in a World Heritage Site. *Annals of Botany*

Singor MJC, Elson S, Burbidge AH, Garnett ST (submitted). Western hooded plover *Thinornis cucullatus tregellasi* (Mathews, 1912). In *Action Plan for Australian Birds 2020* (eds ST Garnett, GB Baker).

Subroy V, Rogers AA, Pannell DJ, Page MJ, Beecham BC, Kragt ME (submitted). Comparing cost-effectiveness analysis and cost-benefit analysis for efficient prioritisation of threatened species' conservation projects. *EcoHealth*

Tiller C, Fletcher J, Comer S, Algar D (submitted). Using activity and movement patterns to improve the rate of bait encounter during large-scale aerial baiting for feral cats. *Australasian Journal of Environmental Management*

Tomlinson S, Dreyer D, Warrant E (submitted). Does summer aestivation by a high-altitude Australian moth involve metabolic depression? Implications for conservation in a changing climate. *Conservation Physiology*

Treloar S, Lohr C, Hopkins A, Davis R (submitted). Potential for competition between boodies (burrowing bettongs; *Bettongia lesueur*) and mala (rufous hare wallabies; *Lagorchestes hirsutus*). *Ecological Management and Restoration*

Tucker T, Whiting S, Fossette-Halot S, Quartermaine T, Richardson A, Richardson J et al. (submitted). Foraging flatbacks in Roebuck Bay: local studies for regional understanding. PowerPoint. In *Proceedings of the 5th Australian Marine Turtle Symposium, 11-14 September, Ballina, NSW*

Turner S, Bunn E, Chia K, Lewandrowski W, Shade A, Viler M et al. [Elliott C] (submitted). Nursery propagation of tubestock via seeds, cuttings, division and tissue culture

Vaughan EJ, Wilson SK, Howlett, SJ, Parravicinni V, Williams GJ, Graham NAJ (submitted). Nitrogen enrichment in macroalgae following mass coral mortality. *Coral Reefs*

Wayne AF, Maxwell MA, Ward CG, Quinn J (submitted). Feral cat control: improving Eradicat® bait efficiency and effectiveness for fauna conservation in the southern jarrah forest, Western Australia. *Wildlife Research*

Wege J (submitted). Summer stylewort. *Landscape*

Williams AAE, Williams MR, Heterick BE (submitted). Notes on the distribution, habitat, behaviour and flight times of the large bronze azure *Ogyris idmo* (Hewitson) (Lepidoptera: Lycaenidae) a rare myrmecophilous butterfly from south-western Australia. *Australian Entomologist*

Zandberg JD, Reeve WG, McConnell SM, Friend JA, Spencer PBS (submitted). The complete mitochondrial genome of the endangered numbat (*Myrmecobius fasciatus*). *Conservation Genetics Resources*

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