

# Bibliography

- Ackerly, D. D., & Cornwell, W. K. (2007). A trait-based approach to community assembly: portioning of species trait values into within- and among-community components. *Ecology Letters*, 10, 135-145.
- Ackerman, J. D. (1986). Mechanisms and evolution of food-deceptive pollination systems in orchids. *Lindleyana*, 1, 108-113.
- Alcock, J. (2000). Interactions between the sexually deceptive orchid *Spiculaea ciliata* and its wasp pollinator *Thynnnoturneria* sp. (Hymenoptera: Thynninae). *Journal of Natural History*, 34, 629-636.
- Almeida, E. A. B., Pie, M. R., Brady, S. G., and Danforth, B. N. (2012). Biogeography and diversification of colletid bees (Hymenoptera: Colletidae): emerging patterns from the southern end of the world. *Journal of Biogeography*, 39, 526-544.
- Armbruster, W. C., Edwards, M. E., & Debevec, E. M. (1994). Floral character displacement generates assemblage structure of Western Australian triggerplants (*Stylium*). *Ecology*, 75, 315-329.
- Armstrong, J. A., (1979). Biotic pollination mechanisms in the Australian flora—a review. *New Zealand Journal of Botany*, 17, 467-508.
- Auld, T. D. (2009). Petals may act as a reward: myrmecochory in shrubby *Darwinia* species of south-eastern Australia. *Austral Ecology*, 34, 351-356.
- Australia's Bioregions. <http://www.environment.gov.au/topics/land/national-reserve-system/science-maps-and-data/australias-bioregions-ibra>. Accessed 1 October 2014
- Bader, M. K. F., Ehrenberger, W., Bitter, R., Stevens, J., Miller, B.P., Chopard, J., Rüger, S., Hardy, G. E. S. J., Poot, P., Dixon, K. W., Zimmermann, U., & Veneklaas, E. J. (2014). Spatio-temporal water dynamics in mature *Banksia menziesii* trees during drought. *Physiologia Plantarum*, 152, 301-315.
- Baker, A. J., Haddrath, McPherson, & Cloutier, A. (2014). Genomic support for a moa-tinamou clade and adaptive morphological convergence in flightless ratites. *Molecular Biology and Evolution*, 31, 1686-1696.
- Baker, K. S., Steadman, K. J., Plummer, J. A., Merritt, D. J., & Dixon, K. W. (2005a). The changing window of conditions that promotes germination of two fire ephemerals, *Actinotus leucocephalus* (Apiaceae) and *Tersonia cyathiflora* (Gyrostemonaceae). *Annals of Botany*, 96, 1225-1236.
- Baker, K. S., Steadman, K. J., Plummer, J. A., Merritt, D. J., & Dixon, K. W. (2005b). Dormancy release in Australian fire ephemeral seeds during burial increases germination responses to smoke water or heat. *Seed Science Research*, 15, 339-348.
- Barkman, T. J., McNeal, J. R., Lim, S.-H., Coat, G., Croom, H. B., Young, N. D., & de Pamphilis, C. W. (2007). Mitochondrial DNA suggests at least 11 origins of parasitism in angiosperms and reveals genomic chimerism in parasitic plants. *BMC Evolutionary Biology*, 7, 248.
- Barrett, R. L. (2013). Ecological important of sedges: a survey of the Australasian Cyperaceae genus *Lepidosperma*. *Annals of Botany*, 111, 499-529.
- Barron, O., Froend, R., Hodgson, G., Ali, R., Dawes, W., Davies, P., & McFarlane, D. (2014). Projected risks to groundwater-dependent terrestrial vegetation caused by changing climate and groundwater abstraction in the Central Perth Basin, Western Australia. *Hydrological Processes*, 28, 5513-5529.
- Batley, M., & Hogendoorn, K. (2009). Diversity and conservation status of native Australian bees. *Apidologie*, 40, 347-354.
- Batty, A. L., Dixon, K. W., Brundrett, M., & Sivasithamparam, K. (2001). Constraints to symbiotic germination of terrestrial orchid seed in a mediterranean bushland. *New Phytologist*, 152, 511-520.

- Batty, A. L., Dixon, K. W., & Sivasithamparam, K. (2000). Soil-seed bank dynamics of terrestrial orchids. *Lindleyana*, 15, 227-236.
- Beard, J. S. (1980). A new phytogeographic map of Western Australia. *Western Australian Herbarium Research Notes*, 3, 37-58.
- Beard, J. S. (1984). Biogeography of the kwongan. In J. S. Pate and J. S. Beard (Eds), *Kwongan. Plant life of the sandplain*. pp. 1-26. Nedlands, Australia: University of Western Australia -Press.
- Beard, J. S. (1990). *Plant life of Western Australia*. Kenthurst, Australia: Kangaroo Press.
- Beard, J. S., Chapman, A. R., & Gioia, P. (2000). Species richness and endemism in the Western Australian flora. *Journal of Biogeography*, 27, 1257-1268.
- Beardsell, D. V., Clements, M. A., Hutchinson, J. F., & Williams, E. G. (1986). Pollination of *Diuris maculata* R Br (Orchidaceae) by floral mimicry of the native legume *Daviesia* spp and *Pultenaea scabra* R Br. *Australian Journal of Botany*, 34, 165-173.
- Beardsell, D. V., O'Brien, S. P., Williams, E. G., Knox, R. B., & Calder, D. M. (1993). Reproductive biology of Australian Myrtaceae. *Australian Journal of Botany*, 41, 511-526.
- Bell, D. T. (2001). Ecological response syndromes in the flora of southwestern Western Australia: fire resprouters versus reseeders. *The Botanical Review*, 67, 417-440.
- Bellairs, S. M., & Bell, D. T. (1993). Seed stores for restoration of species-rich shrubland vegetation following mining in Western Australia. *Restoration Ecology*, 1, 233-241.
- Bellamy, C. L., Williams, G. A., Hasenpusch, J., & Sundholm, A. (2013). A summary of the published data on host plants and morphology of immature stages of Australian jewel beetles (Coleoptera: Buprestidae), with additional new records. *Insecta Mundi*, 293, 1-172.
- Berg, R. Y. (1975). Myrmecochorous plants in Australia and their dispersal by ants. *Australian Journal of Botany*, 23, 475-508.
- Bernhardt, P. (1987). A comparison of the diversity, density, and foraging behaviour of bees and wasps on Australian *Acacia*. *Annals of the Missouri Botanic Garden*, 74, 42-50.
- Bernhardt, P. (1995). Notes on the anthecology of *Pterostylis curta* (Orchidaceae). *Cunninghamia*, 4, 1-8.
- Bernhardt, P., & Burns-Balogh, P. (1986a). Observations of the floral biology of *Prasophyllum odoratum* (Orchidaceae, Spiranthoideae). *Plant Systematics and Evolution*, 153, 65-76.
- Bernhardt, P., & Burns-Balogh, P. (1986b). Floral mimesis of *Thelymitra nuda* (Orchidaceae). *Plant Systematics and Evolution*, 151, 187-202.
- Blanck, Y. L., Gowda, J., Martensoon, L. M., Sandberg, J., & Fransson, A. M. (2011). Plant species richness in a natural Argentinean matorral shrub-land correlates negatively with levels of plant phosphorus. *Plant and Soil*, 345, 11-21.
- Bohman, B., & Peakall, R. (2014). Pyrazines attract *Catocheilus thynnine* wasps. *Insects*, 5, 474-487.
- Bohman, B., Phillips, R. D., Menz, M. H. M., Bernstsson, B. W., Flematti, G. R., Barrow, R. A., Dixon, K. W., & Peakall, R. (2014). Discovery of pyrazines as pollinator sex pheromones and orchid semiochemicals: implications for the evolution of sexual deception. *New Phytologist*, 203, 939-952.
- Bond, W. J., & Keeley, J. E. (2005). Fire as a global 'herbivore': the ecology and evolution of flammable ecosystems. *Trends in Ecology and Evolution*, 20, 387-394.
- Bond, W. J., & Scott, A. C. (2010). Fire and the spread of flowering plants in the Cretaceous. *New Phytologist*, 188, 1137-1150.
- Bougoure, J., Brundrett, M., Brown, A., & Grierson, P. F. (2008). Habitat characteristics of the rare underground orchid *Rhizanthella gardneri*. *Australian Journal of Botany*, 56, 501-511.
- Bougoure, J., Brundrett, M. C., & Grierson, P. F. (2010). Carbon and nitrogen supply to the underground orchid, *Rhizanthella gardneri*. *New Phytologist*, 186, 947-956.
- Bougoure, J., Ludwig, M.K., Brundrett, M., & Grierson, P. (2009). Identity and specificity of the fungi forming mycorrhizas with the rare mycoheterotrophic orchid *Rhizanthella gardneri*. *Mycological Research*, 113, 1097-1106.

- Bower, C. C. (2014). Pollination of the small duck orchid, *Paracaleana minor*: flower structure and function. *The Orchadian*, 17, 510-515.
- Bradshaw, S. D., & Bradshaw, F. J. (1999). Field energetics and the estimation of pollen and nectar intake in the marsupial honey possum, *Tarsipes rostratus*, in heathland habitats of south-western Australia. *Journal of Comparative Physiology B*, 169, 569-580.
- Bradshaw, S. D., & Bradshaw, F. J. (2002). Short term movements and habitat use of the marsupial honey possum (*Tarsipes rostratus*). *Journal of Zoology*, 258, 343-348.
- Bradshaw, S. D., Phillips, R. D., Tomlinson, S., Holley, R. J., Jennings, S., & Bradshaw, F. J. (2007). Ecology of the honey possum, *Tarsipes rostratus*, in Scott National Park, Western Australia. *Australian Mammalogy*, 29, 25-38.
- Bradstock, R. A., Gill, A. M., Hastings, S. M., & Moore, P. H. R. (1994). Survival of serotinous seedbanks during bushfires: comparative studies of *Hakea* species from southeastern Australia. *Australian Journal of Ecology*, 19, 276-282.
- Bremer, K. (2002). Gondwanan evolution of the grass alliance of families (Poales). *Evolution* 56, 1374-1387.
- Briggs, B. G., Marchant, A., Gilmore, S., & Porter, C. (2000). A molecular phylogeny of Restionaceae and allies. In K. L. Wilson & D. A. Morrison (Eds), *Systematics and evolution of monocots*. Vol. 1. Proceedings of the 2nd International Conference on the Comparative Biology of the Monocots, Sydney. pp. 661-671. Melbourne: CSIRO Publishing.
- Brown, A. P., Dundas, P., Dixon, K., & Hopper, S. D. (2008). *Orchids of Western Australia*. Nedlands, Australia, University of Western Australia Press.
- Brown, N. A. C., van Staden, J., Daws, M. I., & Johnson, T. (1993). Patterns in the seed germination response to smoke in plants from the Cape Floristic Region, South Africa. *South African Journal of Botany*, 69, 514-525.
- Brundrett, M. (2004). Diversity and classification of mycorrhizal associations. *Biological Reviews*, 79, 473-495.
- Brundrett, M. C. (2007). Scientific approaches to Australian temperate terrestrial orchid conservation. *Australian Journal of Botany*, 55, 293-307.
- Brundrett, M. C. (2009). Mycorrhizal associations and other means of nutrition of vascular plants: understanding the global diversity of host plants by resolving conflicting information and developing reliable means of diagnosis. *Plant and Soil*, 320, 37-77.
- Brundrett, M. C., & Abbott, L. K. (1991). Roots of jarrah forest plants. I. Mycorrhizal associations of shrubs and herbaceous plants. *Australian Journal of Botany*, 39, 445-457.
- Burbidge, A. H., & Whelan, R. J. (1982). Seed dispersal in a cycad, *Macrozamia riedlei*. *Australian Journal of Ecology*, 7, 63-67.
- Burgess, S. S. O., Adams, M. A., Turner, N. C., White, D. A., & Ong, C. K. (2001). Tree roots: conduits for deep recharge of soil water. *Oecologia*, 126, 158-165.
- Burgess, S. S. O., Pate, J. S., Adams, M. A., & Dawson, T. E. (2000). Seasonal water acquisition and redistribution in the Australian woody phreatophyte, *Banksia prionotes*. *Annals of Botany*, 85, 215-224.
- Burrows, G. E. (2013). Buds, bushfires and resprouting in the eucalypts. *Australian Journal of Botany*, 61, 331-349.
- Burrows, N. D., & McCaw, W. L., (1990). Fuel characteristics and bushfire control in banksia low woodlands in Western Australia. *Journal of Environmental Management*, 31, 229-236.
- Byrne, M. (2008). Evidence for multiple refugia at different time scales during Pleistocene climatic oscillations in southern Australia inferred from phylogeography. *Quaternary Science Reviews*, 27, 2576-2585.
- Byrne, M., & Hopper, S. D. (2008). Granite outcrops as ancient islands in old landscapes: evidence from the phylogeography and population genetics of *Eucalyptus caesia* (Myrtaceae) in Western Australia. *Biological Journal of the Linnean Society*, 93, 177-188

- Byrne, M., Elliott, C. P., Yates, C., & Coates, D. J. (2007). Extensive pollen dispersal in a bird-pollinated shrub, *Calothamnus quadrifidus*, in a fragmented landscape. *Molecular Ecology*, 16, 1303-1314.
- Byrne, M., Yeates, D.K., Joseph, L., Kearney, M., Bowler, J., Williams, M. A.J., Cooper, S., Donnellan, S.C., Keogh, J.S., Leys, R., Melville, J., Murphy, D.J., Porch, N., & Wyrwoll, K.-H. (2008). Birth of a biome: insights into the assembly and maintenance of the Australian arid zone biota. *Molecular Ecology*, 17, 4398–4417.
- Byrne, M., Steane, D. A., Joseph, L., Yeates, D. K., Jordan, G. J., Crayn, D., Aplin, K., Cantrill, D. J., Cook, L. G., Crisp, M. D., Keogh, J. S., Melville, J., Moritz, C., Porch, N., Sniderman, J. M. K., Sunnucks, P., & Weston, P. H. (2011). Decline of a biome: evolution, contraction, fragmentation, extinction and invasion of the Australian mesic zone biota. *Journal of Biogeography*, 38, 1635-1656.
- Byrne, M., Coates, D. J., Forest, F., Hopper, S. D., Krauss, S. L., Kale Sniderman, J. M., & Thiele, K. R. (2014). A diverse flora – species and genetic relationships In H. Lambers (Ed), *Plant life on the sandplains in southwest Australia*. pp. 81-100. Perth, Australia: UWA Publishing.
- Calladine, A., & Pate, J. S. (2000). Haustorial structure and functioning of the root hemiparasitic tree *Nuytsia floribunda* (Labill.) R.Br. and water relationships with its hosts. *Annals of Botany*, 85, 723-731.
- Calviño-Cancela, M., Dunn, R. R., van Etten, E. J. B., & Lamont, B. B. (2006). Emus as non-standard seed dispersers and their potential for long-distance dispersal. *Ecography*, 29, 632-640.
- Calviño-Cancela, M., He, T., & Lamont, B. B. (2008). Distribution of myrmecochorous species over the landscape and their potential long-distance dispersal by emus and kangaroos. *Diversity and Distributions*, 14, 11-17.
- Canadell, J., Jackson, R. B., Ehleringer, J. R., Mooney, H. A., Sala, O. E., & Schulze, E. -D. (1996). Maximum rooting depth of vegetation types at the global scale. *Oecologia*, 108, 583-595.
- Canham, C. A., Froend, R. H., & Stock, W. D. (2009). Water stress vulnerability of four *Banksia* species in contrasting ecophysiological habitats on the Gnangara Mound, Western Australia. *Plant, Cell and Environment*, 32, 64-72.
- Canham, C. A., Froend, R. H., Stock, W. D., & Davies, M. (2012). Dynamics of phreatophyte root growth relative to a seasonally fluctuating water table in a Mediterranean-type environment. *Oecologia*, 170, 909-915.
- Case, A. L., & Barrett, S. C. H. (2004). Environmental stress and the evolution of dioecy: *Wurmbea dioica* (Colchicaceae) in Western Australia. *Evolutionary Ecology*, 81, 145-164.
- Chalwell, S. T. S., & Ladd, P. G. (2005). Stem demography and post fire recruitment of *Podocarpus drouynianus*: a resprouting non-serotinous conifer. *Botanical Journal of the Linnaean Society*, 149, 433-449.
- Chandler, G. T. Crisp, M. D., Cavzer, L. W., & Bayer, R. J. (2002). Monograph of *Gastrolobium* (Fabaceae: Mirbelieae). *Australian Systematic Botany*, 15, 619-739.
- Chinook, R. J. (2007). *Eremophila and allied genera: a monograph of the plant family Myoporaceae*. Kenrhurst, NSW, Australia: Rosenberg Publishing.
- Chittka, L., Thomson, J. D., & Waser, N. M. (1999). Flower constancy, insect psychology, and plant evolution. *Naturwissenschaften*, 86, 361-377.
- Choudhury, N.K., & Sahu, D. (1999). Photosynthesis in *Cuscuta reflexa*: a total plant parasite. *Photosynthetica*, 36, 1-9.
- Claridge, A. W. (2002). Ecological role of hypogeous ectomycorrhizal fungi in Australian forests and woodlands. *Plant and Soil*, 244, 291-305.
- Clarke, J. T., Warnock, R. C. M., & Donoghue, P.C.J. (2011). Establishing a time-scale for plant evolution. *New Phytologist*, 192, 266-301.

- Clarke, P. J., Lawes, M. J., Midgley, J. J., Lamont, B. B., Ojeda, F., Burrows, G. E., Enright, N. J., & Knox, K. J. E. (2013). Resprouting as a key functional trait: how buds, protection and resources drive persistence after fire. *New Phytologist*, 197, 19-35.
- Cochrane, A., Kelly, A., Brown, K., & Cunneen, S. (2002). Relationships between seed germination requirements and ecophysiological characteristics aid the recovery of threatened native plant species in Western Australia. *Ecological Management and Restoration*, 3, 47-60.
- Cochrane, A., Monks, L., & Lally, T. (2007). Response of the germinable soil-stored seed bank of a remnant reserve in the southern Western Australian agricultural zone to smoke and fire treatment. *Journal of the Royal Society of Western Australia*, 90, 47-52.
- Collins, B. G. (1981). Nectar intake and water balance for two species of Australian honeyeater, *Lichmera indistincta* and *Acanthorhynchus superciliosus*. *Physiological Zoology*, 54, 1-13.
- Collins, B. G. (1985). Energetics of foraging and resource selection by honeyeaters in forest and woodland habitats of Western Australia. *New Zealand Journal of Ecology*, 12, 577-587.
- Collins, B. G., & Briffa, P. (1983). Seasonal and diurnal variations in the energetics and foraging activities of the brown honeyeater, *Lichmera indistincta*. *Australian Journal of Ecology*, 8, 103-111.
- Collins, B. G., & Morellini, P. C. (1979). The influence of nectar concentration and time of day upon energy intake and expenditure by the singing honeyeater, *Meliphaga virescens*. *Physiological Zoology*, 52, 165-175.
- Collins, B. G., Newland, C., & Briffa, P. (1984). Nectar utilization and pollination by Australian honeyeaters and insects visiting *Calothamnus quadrifidus* (Myrtaceae). *Australian Journal of Ecology*, 9, 353-365.
- Collins, B. G. & Spice, J. (1986). Honeyeaters and the pollination biology of *Banksia prionotes* (Proteaceae). *Australian Journal of Botany*, 34, 175-185.
- Conran, J. G. (2008). Aestivation organ structure in *Drosera* subgen. *Ergaleium* (Droseraceae): corms or tubers; roots or shoots? *Australian Journal of Botany*, 56, 144-152.
- Cooper, C. E., Withers, P. C., Mawson, P. R., Bradshaw, S. D., Prince, J., & Robertson, H. (2002). Metabolic ecology of cockatoos in the south-west of Western Australia. *Australian Journal of Zoology*, 50, 67-76.
- Cooper, C. E., Withers, P. C., Mawson, P. R., Johnstone, R., Kirkby, T., Prince, J., Bradshaw, S. D., & Robertson, H. (2003). Characteristics of Marri (*Corymbia calophylla*) fruits in relation to foraging behaviour of the Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii naso*). *Journal of the Royal Society of Western Australia*, 86, 139-142.
- Cowling, R. M., & Lamont, B. B. (1985a). Seed release in *Banksia*: the role of wet-dry cycles. *Australian Journal of Ecology*, 10, 169-171.
- Cowling, R. M., & Lamont, B. B. (1985b). Variation in serotiny of three *Banksia* spp. along a climatic gradient. *Australian Journal of Ecology*, 10, 345-350.
- Cowling, R. M., & Lamont, B. B. (1998). On the nature of Gondwanan species flocks: diversity of Proteaceae in mediterranean Australia and South Africa. *Australian Journal of Botany*, 46, 335-355.
- Cowling, R. M., Ojeda, F., Lamont, B. B., Rundel, P. W., & Lechmere-Oertel, R. (2005). Rainfall reliability, a neglected factor in explaining convergence and divergence of plant traits in fire-prone mediterranean-climate ecosystems. *Global Ecology and Biogeography*, 14, 509-519.
- Cowling, R. M., Rundel, P. W., Lamont, B. B., Arroyo, M. K., & Arianoutsou, M. (1996). Plant diversity in Mediterranean-climate regions. *Trends in Ecology and Evolution*, 11, 362-366.
- Cozzolino, S., & Widmer, A. (2005). Orchid diversity: an evolutionary consequence of deception? *Trends in Ecology and Evolution*, 20, 487-494.
- Cramer, M. D., & Midgley, J. J. (2009). Maintenance costs of serotiny do not explain weak serotiny. *Austral Ecology*, 34, 653-662.

- Craven, L. A., Edwards, R. D., & Cowley, K. J. (2014). New combinations and names in *Melaleuca* (Myrtaceae). *Taxon*, 63, 663-670.
- Crisp, M. D., (1996). Convergent evolution bird-pollination in Western Australian Fabaceae, and its taxonomic implications. In S. D. Hopper, M. Harvey, J. Chappill and A. S. George (Eds), *Gondwanan heritage: Past, present and future of the Western Australian biota*, pp. 179-186. Chipping Norton: Surrey Beatty and Sons.
- Crisp, M. D., Burrows, G. E., Cook, L. G., Thornhill, H., & Bowman, D. M. J. S. (2011). Flammable biomes dominated by eucalypts originated at the Cretaceous-Palaeogene boundary. *Nature Communications*, 2:193 doi: 10.1038/ncomms1191
- Crisp, M. D. & Cook, L. G. (2003). Phylogeny and evolution of anomalous roots in *Daviesia* (Fabaceae: Mirbeliae). *International Journal of Plant Science*, 164, 603-612.
- Crisp, M. D. & Cook, L. G. (2007). A congruent molecular signature of vicariance across multiple plant lineages. *Molecular Phylogenetics and Evolution*, 43, 1106-1117.
- Crisp, M. D., Cook, L. G., & Steane, D. A. (2004). Radiation of the Australian flora: what can comparisions of molecular phylogenies across multiple taxa tell us about the evolution of diversity in present-day communities? *Philosophical Transactions of the Royal Society B*, 359, 1551-1571.
- Crombie, D. S. (1992). Root depth, leaf area and daytime water relations of jarrah (*Eucalyptus marginata*) forest overstorey and understorey during summer drought. *Australian Journal of Botany*, 40, 113-122.
- Crombie, D. S., Tippett, J. T., & Hill, T. C. (1988). Dawn water potential and root depth of trees and understorey species in south-western Australia. *Australian Journal of Botany*, 36, 621-631.
- Crosti, R., Ladd, P. G., Dixon, K. W., & Piotto, B. (2006). Post-fire germination: the effect of smoke on seeds of selected species from the central Mediterranean basin. *Forest Ecology and Management*, 221, 306-312.
- Dafni, A., & Bernhardt, P. (1990). Pollination of terrestrial orchids in southern Australia and the Mediterranean region. In M. K. Hecht, B. Wallace & R. I. Macintyre (Eds), *Evolutionary biology*, Volume 24, pp. 192-252. New York: Plenum Publishing Corporation.
- Dafni A., & Calder, D. M. (1987). Pollination by deceit and floral mimesis in *Thelymitra antennifera* (Orchidaceae). *Plant Systematics and Evolution*, 158, 11-22.
- Darnowski, D. W., Carroll, D. M., Plachno, B., Kabanoff, E., & Cinnamon, E. (2006). Evidence of protocarnivory in Triggerplants (*Stylium* spp., Styliaceae). *Plant Biology*, 8, 805-812.
- Dawson, T. E., & Pate, J. S. (1996). Seasonal water uptake and movement in root systems of Australian phreatophytic plants of dimorphic root morphology: a stable isotope investigation. *Oecologia*, 107, 13-20.
- Day, D. A., Collins, B. G., & Rees, R. (1997). Reproductive biology of the rare and endangered *Banksia brownii* Baxter ex R.Br. (Proteaceae). *Australian Journal of Ecology*, 22, 307-315.
- Day, D. A., Collins, B. G., & Rees, R. G. (1997). Reproductive biology of the rare and endangered *Banksia brownii* Baxter ex R. Br. (Proteaceae). *Australian Journal of Ecology*, 22, 307-315.
- De Lange, J. H., & Boucher, C. (1990). Autoecological studies on *Audouinia capitata* (Bruniaceae). I. Plant-derived smoke as a seed germination cue. *South African Journal of Botany*, 56, 700-703.
- Dell, B. (1977). Distribution and function of resins and glandular hairs in Western Australian plants. *Journal of the Royal Society of Western Australia*, 59, 119-122.
- Dell, B. (1980). Structure and function of the strophiolar plug in seeds of *Albizia lophantha*. *American Journal of Botany*, 67, 556-563.
- Dell, B., & Burbidge, A. H. (1981). Notes on the biology of *Pilostyles* (Rafflesiaceae) in Western Australia. *Western Australian Herbarium Research Notes*, 5, 71-79.
- Dell, B., Kuo, J., & Burbidge, A.H. (1982). Anatomy of *Pilostyles hamiltonii* C.A.Gardner (Rafflesiaceae) in stems of *Daviesia*. *Australian Journal of Botany*, 30, 1-9.

- Dell, B., & McComb, A. J. (1974). Resin production and glandular hairs in *Beyeria viscosa* (Labill.) Miq. (Euphorbiaceae). *Australian Journal of Botany*, 22, 195-210.
- Dell, B., & McComb, A. J. (1975). Glandular hairs, resin production, and habit of *Newcastelia viscosa* E. Pritzel (Diceratylidaceae). *Australian Journal of Botany* 22, 195-210.
- Dixon, K.W., Kuo, J., & Pate, J. S. (1983.) Storage reserves of the seed-like, aestivating organs of geophytes inhabiting granite outcrops in south-western Australia. *Australian Journal of Botany*, 31, 85-103.
- Dixon, K. W., Pate, J. S., & Bailey, W. J. (1980). Nitrogen nutrition of the tuberous sundew *Drosera erythrorhiza* Lindl. with special reference to catch of arthropod fauna by its glandular leaves. *Australian Journal of Botany*, 28, 283-297.
- Dixon, K. W., Sivasithamparam, K., & Read, D. J. (2002). Ericoid mycorrhizas in plant communities. In K. Sivasithamparam, K.W. Dixon & R.L. Barrett (Eds), *Microorganisms in Plant Conservation and Biodiversity*, pp. 227-239. The Hague: Kluwer Academic Publishers.
- Dixon, K. W., & Tremblay, R. L. (2009). Biology and natural history of *Caladenia*. *Australian Journal of Botany*, 57, 247-258.
- Dodd, J., Heddle, E. M., Pate, J. S., & Dixon, K. W. (1984). Rooting patterns of sandplain plants and their functional significance. In J. S. Pate and J. S. Beard (Eds), *Kwongan. Plant life of the sandplain* pp. 146-177. Nedlands, Australia: University of Western Australia Press.
- Dodson, J. R., & Macphail, M. K. (2004). Palynological evidence for aridity events and vegetation change during the Middle Pliocene, a warm period in southwestern Australia. *Global and Planetary Change*, 41, 285-307.
- Dolman, G. & Joseph, L. (2012). A species assemblage approach to comparative phylogeopgraphy of birds in southern Australia. *Ecology and Evolution*, 2, 354-369.
- Downes, K. S., Lamont, B. B., Light, M. E., & van Staden, J. (2010). The fire ephemeral *Tersonia cyathiflora* (Gyrostemonaceae) germinates in response to smoke but not the butenolide 3-methyl-2H-fluro[2,3-c]pyran-2-one. *Annals of Botany*, 106, 381-384.
- Downes, K. S., Light, M. E., Pošta, M., Kohout, L., & van Staden, J. (2013). Comparison of germination responses of *Anigozanthos flavidus* (Haemodoraceae), *Gyrostemon racemiger* and *Gyrostemon ramulosus* (Gyrostemonaceae) to smoke-water and the smoke-derived compounds karrikinolide (KAR<sub>1</sub>) and glycercnitrile. *Annals of Botany*, 111, 489-497.
- Downes, K. S., Light, M. E., Pošta, M., Kohout, L., & van Staden, J. (2014). Do fire-related cues, including smoke-water, karrikinolide, glycercnitrile and nitrate, stimulate the germination of 17 *Anigozanthos* taxa and *Blancoa canescens* (Haemodoraceae)? *Australian Journal of Botany*, 62, 347-358.
- Downey, P. O. (1998). An inventory of host species for each aerial mistletoe species (Loranthaceae and Viscaceae) in Australia. *Cunninghamia*, 53, 685-720.
- Drake, P. L., Froend, R. H., & Franks, P. J. (2013). Smaller, faster stomata: scaling of stomata size, rate of response, and stomatal conductance. *Journal of Experimental Botany*, 64, 495-505.
- Dreschler, M., Lamont, B. B., Burgman, M. A., Akçakaya, H. R., Witkowski, E. T. F., & Supriyadi, Y. (1999). Modelling the persistence of an apparently immortal *Banksia* species after fire and land clearing. *Biological Conservation*, 88, 249-259.
- Duncan, D. H., Cunningham, S. A., & Nicotra, A. B. (2004). High self-pollen transfer and low fruit set in buzz-pollinated *Dianella revoluta* (Phormiaceae). *Australian Journal of Botany*, 52, 185-193.
- Dundas, S. J., Fleming, P., & Hardy, G. E. StJ. (2013). Flower visitation by honey possums (*Tarsipes rostratus*) in a coastal banksia heathland infested with the plant pathogen *Phytophthora cinnamomi*. *Australian Mammalogy*, 35, 166-174.
- Dyer, A. G., Boyd-Gery, S., McLoughlin, S., Rosa, M. G. P., Simonov, V., & Wong, B. B. M. (2012). Parallel evolution of angiosperm colour signals: common evolutionary pressures linked to hymenopteran vision. *Proceedings of the Royal Society B*, 279, 3606-3615.

- Edens-Meier, R., Raguso, R. A., Westhus, E., & Bernhardt, P. (2014). Floral fraudulence: do blue *Thelymitra* species (Orchidaceae) mimic *Orthrosanthus laxus* (Iridaceae)? *Telopea*, 17, 15-28.
- Edwards, R. D., Craven, L. A., Crisp, M. D. & Cook, L. G. (2010). *Melaleuca* revisited: cpDNA and morphological data confirm *Melaleuca* L. (Myrtaceae) is not monophyletic. *Taxon*, 59, 744-754.
- Enright, N. J., Goldblum, D., Ata, P., & Ashton, D. H. (1997). The independent effects of heat, smoke and ash on emergence of seedlings from the soil seed bank of a healthy *Eucalyptus* woodland in Grampians (Gariwerd) National Park, western Victoria. *Australian Journal of Ecology*, 22, 81-88.
- Enright, N. J., & Lamont, B. B. (1989). Fire temperatures and follicle-opening requirements in ten *Banksia* species. *Australian Journal of Ecology*, 14, 107-113.
- Enright, N. J., & Lamont, B. B. (1992). Survival, growth and water relations of *Banksia* seedlings in a sand mine rehabilitation site and adjacent scrub-heath sites. *Journal of Applied Ecology* 29, 663-671.
- Enright, N. J., Marsula, R., Lamont, B. B., & Wissel, C. (1998). The ecological significance of canopy seed storage in fire-prone environments: a model for nonsprouting shrubs. *Journal of Ecology*, 86, 946-959.
- Enright, N. J., Mosner, E., Miller, B. P., Johnson, N., & Lamont, B. B. (2007). Soil vs canopy seed storage and plant species coexistence in species-rich Australian shrublands. *Ecology*, 88, 2292-2304.
- Esther, A., Groeneveld, G., Enright, N. J., Miller, B. P., Lamont, B. B., Perry, G. L. W., Blank, F. B., & Jeltsch, F. (2010). Sensitivity of plant functional types to climate change: classification tree analysis of a simulation model. *Journal of Vegetation Science*, 21, 447-461.
- Esther, A., Groeneveld, J., Enright, N. J., Miller, B. P., Lamont, B. B., Perry, G. L., Tietjen, B., Jeltsch, F. (2011). Low-dimensional trade-offs fail to explain richness and structure in species-rich plant communities. *Theoretical Ecology*, 4, 495-511.
- Exley, E. M., (1998). New *Euryglossa* (*Euhesma*) bees (Hymenoptera: Colletidae: Euryglossinae) associated with the Australian plant genus *Eremophila* (Myoporaceae). *Records of the Western Australian Museum*, 18, 419-437.
- Exley, E. M. (2004). Revision of the genus *Dasyhesma* Michener (Apoidea: Colletidae: Euryglossinae). *Records of the Western Australian Museum*, 22, 129-146.
- Farrington, P., Greenwood, E. A. N., Bartle, J. D., & Watson, G. D. (1989). Evaporation from a *Banksia* woodland on a groundwater mound. *Journal of Hydrology* 105, 173-186.
- Findlay, G. P. & Findlay, N. (1975). Anatomy and movement of the column in *Stylium*. *Australian Journal of Plant Physiology*, 2, 597-621.
- Findlay, N. & Findlay, G. P. (1984). Movement of potassium ions in the motor tissue of *Stylium*. *Australian Journal of Plant Physiology*, 11, 451-457.
- Findlay, N. & Findlay, G. P. (1989). The structure of the column in *Stylium*. *Australian Journal of Botany*, 37, 81-101.
- Flematti, G. R., Ghisalberti, E. L., Dixon, K. W., & Trengrove, R. D. (2004). A compound from smoke that promotes seed germination. *Science*, 305, 977.
- Flematti, G. R., Merritt, D. J., Piggott, M. J., Trengrove, R. D. Smith, S. M., Dixon, K. W., & Ghisalberti, E. L. (2011). Burning vegetation produces cyanohydrins that liberate cyanide and stimulate seed germination. *Nature Communications*, doi: 10.1038/ncomms1356
- Fleming, P. A., Anderson, H., Prendergast, A. S., Bretz, M. R., Valentine, L. E., & Hardy, G. E. St J. (2014). Is the loss of Australian digging mammals contributing to a deterioration in ecosystem function? *Mammal Review*, 44, 95-108.
- Forster, M. A., & Bonser, S. P. (2009). Heteroblastic development and the optimal partitioning of traits among contrasting environments in *Acacia implexa*. *Annals of Botany*, 103, 95-105.
- Gaff, D. F., & Oliver, M. (2013). The evolution of desiccation tolerance in angiosperm plants: a rare yet common phenomenon. *Functional Plant Ecology*, 40, 315-328.

- Gaff, D. F., Zee, S. Y., & O'Brien, T. P. (1976). The fine structure of dehydrated and reviving leaves of *Borya nitida* Labill. - a desiccation-tolerant plant. *Australian Journal of Botany*, 24, 225–236.
- Garavanta, C. A. M., Wooller, R. D., & Richardson, K. C. (2000). Movement patterns of honey possums, *Tarsipes rostratus*, in the Fitzgerald River National Park, Western Australia. *Wildlife Research*, 27, 179-183.
- Gaskell, A. C. (2012). Floral shape mimicry and variation in sexually deceptive orchids with a shared pollinator. *Biological Journal of the Linnean Society*, 106, 469-481.
- Gaskell, A. C. & Herberstein, M. E. (2010). Colour mimicry and sexual deception by tongue orchids (*Cryptostylis*). *Naturwissenschaften*, 97, 97-102.
- Gaskell, A. C., Winnick, C. G., & Herberstein, M. E. (2008). Orchid sexual deceit provokes ejaculation. *American Naturalist*. 171, E206–E212.
- George, A. S. (2002a). The south-western Australian flora in autumn: 2001 Presidential Address. *Journal of the Royal Society of Western Australia*, 85, 1-15.
- George, A. S. (2002b). *The long dry. Bush colours of summer and autumn in south-western Australia*. Kardinya, Western Australia: Four Gables Press.
- George, A. S., & Barrett, M. D. (2010). Two new taxa of *Verticordia* (Myrtaceae: Chamelaucieae) from south-western Australia. *Nuytsia*, 20, 309-318.
- George, E. S., & Pieroni, M. (2002). *Verticordia: the turner of hearts*. Crawley, Western Australia: University of Western Australia Press.
- Gibson, N., Meissner, R., Markey, A. S., & Thompson, W. A. (2012). Patterns of plant diversity in ironstone ranges in arid south-western Australia. *Journal of Arid Environments*, 77, 25-31.
- Gibson, N., Yates, C. J., & Dillon, R. (2010). Plant communities of the ironstone ranges of south western Australia: hotspots for plant diversity and mineral deposits. *Biodiversity and Conservation*, 19, 3951-3962.
- Gibson, T. C., & Waller, D. M. (2009). Evolving Darwin's 'most wonderful' plant: ecological steps to a snap-trap. *New Phytologist*, 183, 575-587.
- Gill, A. M. (1975). Fire and the Australian flora – a review. *Australian Forester*, 38, 4-25.
- Glassford, D. K., & Semeniuk, V. (1995). Desert-aeolian origin of late Cenozoic regolith in arid and semi-arid Southwestern Australia. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 114, 131-166.
- Gove, A. D., Majer, J. D., & Dunn, R. R. (2007). A keystone ant species promotes seed dispersal in a 'diffuse' mutualism. *Oecologia*, 153, 687-697.
- Groom, P. K. (2002). Seedling water stress response of two sandplain *Banksia* species differing in ability to tolerate drought. *Journal of Mediterranean Ecology*, 3, 3-9.
- Groom, P. K. (2003). Groundwater-dependency and water relations of four Myrtaceous shrub species during a prolonged summer drought. *Journal of the Royal Society of Western Australia*, 86, 31-40.
- Groom, P. K. (2004). Rooting depth and plant water relations explain species distribution patterns within a sandplain landscape. *Functional Plant Biology*, 31, 423-428.
- Groom, P. K., Froend, R. H., & Mattiske, E. M. (2000). Impact of groundwater abstraction on a *Banksia* woodland, Swan Coastal Plain, Western Australia. *Ecological Management and Restoration*, 1, 117-124.
- Groom, P. K., Froend, R. H., Mattiske, E. M., & Koch, B.L. (2000). Myrtaceous shrub species respond to long-term decreasing groundwater levels on the Gnangara Groundwater Mound, northern Swan Coastal Plain. *Journal of the Royal Society of Western Australia*, 83, 75-82.
- Groom, P. K., Froend, R. H., & Mattiske, E. M. (2001). Long-term changes in vigour and distribution of *Banksia* and *Melaleuca* overstorey species on the Swan Coastal Plain. *Journal of the Royal Society of Western Australia*, 84, 63-69.

- Groom, P. K., & Lamont, B.B. (1996a). Ecogeographical analysis of *Hakea* in south-western Australia, with special reference to leaf morphology and life form. *Australian Journal of Botany*, 44, 527-542.
- Groom, P. K., & Lamont, B.B. (1996b). Reproductive ecology of non-sprouting and resprouting *Hakea* species (Proteaceae) in southwestern Australia. In S. D. Hopper, M. Harvey, J. Chappill and A. S. George (Eds), *Gondwanan heritage: Past, present and future of the Western Australian biota*, pp. 239-248. Chipping Norton: Surrey Beatty and Sons.
- Groom, P. K., & Lamont, B. B. (1999). Which common indices of sclerophyll best reflect differences in leaf structure? *Écoscience*, 6, 471-474.
- Groom, P. K., & Lamont, B. B. (2007). Fruit-seed relations in *Hakea*: serotinous species invest more dry matter in predispersal seed protection. *Australian Journal of Ecology*, 22, 352-355.
- Groom, P. K., & Lamont, B.B. (2010). Seed phosphorus accumulation in Proteaceae seeds: a synthesis. *Plant and Soil*, 334, 61-72.
- Groom, P. K., & Lamont, B. B. (2011). Regional and local effects on reproductive allocation in epicormic and lignotuberous populations of *Banksia menziesii*. *Plant Ecology*, 212, 2003-2011.
- Groom, P. K., Lamont, B. B., & Duff, H. C. (1994). Self-crypsis in *Hakea trifurcata* as an avian granivore deterrent. *Functional Ecology*, 8, 110-117.
- Groom, P. K., Lamont, B. B., & Kupsky, L. (1994). Contrasting morphology and ecophysiology of co-occurring broad and terete leaves in *Hakea trifurcata* (Proteaceae). *Australian Journal of Botany*, 42, 307-320.
- Groom, P. K., Lamont, B. B., Leighton, S., Leighton, P., & Burrows, C. (2004). Heat damage in sclerophylls is influenced by their leaf properties and plant environment. *Écoscience*, 11, 94-101.
- Groom, P. K., Lamont, B. B., & Markey, A. S. (1997). Influence of leaf type and plant age on leaf structure and sclerophyll in *Hakea* (Proteaceae). *Australian Journal of Botany*, 45, 827-838.
- Grosso, B., Saint-Martin, M., & Vassal, J. (1994). Stomatal types of the genus *Acacia* (Fabaceae, Mimosoideae): an appraisal of diversity and taxonomic interest. *Botanical Journal of the Linnaean Society*, 116, 325-341.
- Halliday, J., & Pate, J. S. (1976). Symbiotic nitrogen fixation by coralloid roots of the cycad *Macrozamia riedlei*: physiological characteristics and ecological significance. *Australian Journal of Plant Physiology*, 3, 349-358.
- Hanley, M. E., & Lamont, B. B. (2000). Heat pre-treatment and the germination of soil- and canopy-stored seeds of south-western Australia. *Acta Oecologica*, 21, 315-321.
- Hanley, M. E., Lamont, B. B., & Armbruster, W.S. (2009). Pollination and plant defence traits co-vary in Western Australia hakeas. *New Phytologist*, 182, 251-260.
- Hanley, M. E., Lamont, B. B., Fairbanks, M. M., & Rafferty, C. M. (2007). Plant structural traits and their role in anti-herbivory defence. *Perspectives in Plant Ecology, Evolution and Systematics*, 8, 157-178.
- Hassiotou, F., Evans, J. R., Ludwig, M., & Veneklaas, E. J. (2009). Stomatal crypts may facilitate diffusion of CO<sub>2</sub> to adaxial mesophyll cells in thick sclerophylls. *Plant, Cell and Environment*, 32, 1596-1611.
- Hawkeswood, T. J. (1992). Observations on insect pollination of *Melaleuca lanceolata* Otto and *Verticordia picta* Endl. (Myrtaceae), *Leucopogon parviflorus* (Andr.) Lindl. (Epacridaceae) and *Eryngium pinnatifidum* Bunge (Apiaceae) in Western Australia. *Giornale Italiano di Entomologia*, 6, 239-242.
- Hawkeswood, T. J. (1993). Some notes on native bees (Hymenoptera: Megachilidae: *Chalicodoma*) visiting the flowers of *Calytrix fraseri* A. Cunn. (Myrtaceae) in Western Australia. *Giornale Italiano di Entomologia*, 6, 235-237.
- He, T. (2014). Ecological divergence and evolutionary transition of resprouting types in *Banksia attenuata*. *Ecology and Evolution*, 43, 235-248.

- He, T., Krauss, S., Lamont, B. B., Miller, B. P., & Enright, N. J. (2004). Long-distance seed dispersal in a metapopulation of *Banksia hookeriana* inferred by population allocation analysis from AFLP data. *Molecular Ecology*, 13, 1099-1109.
- He, T., Lamont, B. B., & Downes, K. S. (2011). Banksia born to burn. *New Phytologist*, 191, 184-196.
- He, T., Lamont, B., Enright, N., Krauss, S., & Merwin, L. (2011). Migration potential as a new predictor of long-distance dispersal rate for plants. *Nature Proceedings*, <<http://dx.doi.org/10.1038/npre.2011.5890.1>>
- He, T., Lamont, B. B., Krauss, S. L., Enright, N. J., Miller, B. P., & Gove, A. D. (2009). Ants cannot account for interpopulation dispersal of the arillate pea *Daviesia triflora*. *New Phytologist*, 181, 725-733.
- He, T., Lamont, B. B., Krauss, S. L., Enright, N. J., & Miller, B. P. (2009). Long-distance dispersal of seeds in the fire-tolerant shrub *Banksia attenuata*. *Ecography*, 32, 571-580.
- He, T., Pausas, J. G., Belcher, C. M., Schwilk, D. W., & Lamont, B. B. (2012). Fire-adapted traits of *Pinus* arose in the fiery Cretaceous. *New Phytologist* 194, 751-759.
- Heide-Jørgensen, H. S. (1991). Anatomy and ultrastructure of the haustorium of *Cassytha pubescens* R.Br. I. The adhesive disc. *Botanical Gazette*, 142, 321-334.
- Herath, D. N., Lamont, B. B., Enright, N. J., & Miller, B. P. (2009). Comparison of postmine rehabilitated and natural shrubland communities in southwestern Australia. *Restoration Ecology*, 17, 577-585.
- Hidayati, S. N., Walck J. L., Merritt, D. J., Turner, S. R., Turner, D. W., & Dixon, K. W. (2012). Sympatric species of *Hibbertia* (Dilleniaceae) vary in dormancy break and germination requirements: implications for classifying morphophysiological dormancy in Mediterranean biomes. *Annals of Botany*, 109, 1111-1123.
- Hnatiuk R. J., & Hopkins, A. J. M. (1980). Western Australian species-rich kwongan (sclerophyllous shrubland) affected by drought. *Australian Journal of Botany*, 28, 573-585.
- Hocking, P. J. (1981). Accumulation of mineral nutrients by developing fruits of prickly plume grevillea (*Grevillea annulifera* F. Muell.). *Australian Journal of Botany*, 29, 507-520.
- Hocking, P. J. (1986). Mineral nutrient composition of leaves and fruit of selected species of *Grevillea* from south-western Australia, with special reference to *Grevillea leucoptera* Meissn. *Australian Journal of Botany*, 34, 155-164.
- Hopper, S. D. (1979). Biogeographical aspects of speciation in the south-west Australian flora. *Annual Review of Ecology and Systematics*, 10, 399-422.
- Hopper, S. D. (1980). Bird and mammal pollen vectors in *Banksia* communities at Cheyne Beach, Western Australia. *Australian Journal of Botany*, 28, 61-75.
- Hopper, S. D. (1981). Honeyeaters and their winter food plants on granite rocks in the central wheatbelt of Western Australia. *Australian Wildlife Research*, 8, 187-197.
- Hopper, S. D. (2009). Taxonomic turmoil down-under: recent developments in Australian orchid systematics. *Annals of Botany*, 104, 447-455.
- Hopper, S. D. (2009). OCBIL theory: towards an integrated understanding of the evolution, ecology and conservation of biodiversity on old, climatically buffered, infertile landscapes. *Plant and Soil*, 322, 49-86.
- Hopper, S. D. (2010). *Nuytsia floribunda*. Loranthaceae. *Curtis's Botanical Magazine*, 26, 333-368.
- Hopper, S. D., & Brown, A. P. (2004). Robert Brown's *Caladenia* revisited, including a revision of its sister genera *Cyanicula*, *Ericksonella* and *Pheladenia* (Caladeniinae: Orchidaceae). *Australian Systematic Botany*, 17, 171-240.
- Hopper, S. D., & Brown, A. P. (2006). Australia's wasp-pollinated flying duck orchids revised (*Paracaleana*: Orchidaceae). *Australian Systematic Botany*, 19, 211-244.
- Hopper, S. D., & Brown, A. P. (2007). A revision of Australia's hammer orchards (*Drakaea*: Orchidaceae) with some field data on species-specific sexually deceived wasp pollinators. *Australian Systematic Botany*, 20, 252-285.

- Hopper, S. D., & Burbidge, A. H. (1978). Assortative pollination by red wattlebirds in a hybrid population of *Anigozanthos* Labill. (Haemodoraceae). *Australian Journal of Botany*, 26, 335-350.
- Hopper, S. D., & Gioia, P. (2004). The southwestern Australian floristic region: evolution and conservation of a global hot spot of biodiversity. *Annual Review of Ecology, Evolution and Systematics*, 35, 623-650.
- Hopper, S. D., & Moran, G. F. (1981). Bird pollination and the mating system of *Eucalyptus stoatei*. *Australian Journal of Botany*, 29, 625-638.
- Hopper, S. D., Smith, R. J., Fay, M. F., Manning, J. C., & Chase, M. W. (2009). Molecular phylogenetics of Haemodoraceae in the Greater Cape and Southwest Australian Floristic Region. *Molecular Phylogenetics and Evolution*, 51, 19-30.
- Hos, D. (1975). Preliminary investigation of the palynology of the upper Eocene Werillup Formation, Western Australia. *Journal of the Royal Society of Western Australia*, 58, 1-14.
- Horton, J. L., & Hart, S. C. (1998). Hydraulic lift: a potentially important ecosystem process. *Trends in Ecology and Evolution*, 13, 232-235.
- Houston, T. F. (1983). An extraordinary new bee and adaptation of palpi for nectar-feeding in some Australian Colletidae and Pergidae (Hymenoptera). *Journal of the Australian Entomological Society*, 22, 263-270.
- Houston, T. F. (1989). *Leioproctus* bees associated with Western Australian smoke bushes (*Conospermum* spp.) and their adaptations for foraging and concealment (Hymenoptera: Colletidae: Paracoletini). *Records of the Western Australian Museum*, 14, 275-292.
- Houston, T. F. (1991). Two new and unusual species of the bee genus *Leioproctus* Smith (Hymenoptera: Colletidae), with notes on their behaviour. *Records of the Western Australian Museum*, 15, 83-96.
- Houston, T. F. (1992). Three new, monolectic species of *Euryglossa* (*Euhesma*) from Western Australia (Hymenoptera: Colletidae). *Records of the Western Australian Museum*, 15, 719-728.
- Houston, T. F., & Ladd, P. G. (2002). Buzz pollination in the Epacridaceae. *Australian Journal of Botany*, 50, 83-91.
- Houston, T. F., Lamont, B. B., Radford, S., & Errington, S. G. (1993). Apparent mutualism between *Verticordia nitens* and *V. aurea* (Myrtaceae) and their oil-ingesting bee pollinators (Hymenoptera, Colletidae). *Australasian Journal of Botany*, 41, 369-380.
- Howell, G. J., Slater, A. T., & Knox, R. B. (1993). Secondary pollen presentation in angiosperms and its biological significance. *Australian Journal of Botany*, 41, 417-438.
- Hughes, L., & Westoby, M. (1992). Fate of seeds adapted for dispersal by ants in Australian sclerophyll vegetation. *Ecology*, 73, 1285-1299.
- Hynson, N. A., Madsen, T. P., Selosse, A-A, Adam, I. K. U., Ogura-Tsujita, Y., Roy, M., & Gebauer, G. (2013). The physiological ecology of mycoheterotrophy. In V. S. F. T. Merckx (ed.) *Mycoheterotrophy: The biology of plants living on fungi*, pp. 297-342. New York: Springer.
- Indsto, J. O., Weston, P. H., Clements, M. A., Dyer, A. G., Batket, M., & Whelan, R. (2006). Pollination of *Diuris maculata* (Orchidaceae) by male *Trichocolletes venustus* bees. *Australian Journal of Botany*, 54, 669-679.
- Itzstein-Davey, F. (2004). A spatial and temporal Eocene palaeoenvironmental study, focusing on the Proteaceae family, from Kambalda, Western Australia. *Review of Palaeobotany and Palynology*, 131, 159-180.
- Itzstein-Davey, F. (2007). Changes in the abundance and diversity of Proteaceae in south-western Australia: a review of an integrated palaeoenvironmental study. *Geographical Research*, 45, 43-53.
- Jersáková, J., Johnson, S. D., & Kindlmann, P. (2006). Mechanisms and evolution of deceptive pollination in orchids. *Biological Reviews*, 81, 219-235.
- Johnson, K. A. (2012). Pollination ecology and evolution of epacrids. PhD thesis, University of Tasmania. Australia.

- Johnson, K. A. (2013). Are there pollination syndromes in the Australian epacrids (Ericaceae: Styphelioideae)? A novel statistical method to identify key floral traits per syndrome. *Annals of Botany*, 112, 141-149.
- Johnson, S. D., Hobbhahn, N., & Bytebier, B. (2013). Ancestral deceit and labile evolution of nectar production in the African orchid genus *Disa*. *Biological Letters*, 9, 20130500
- Jordan, G. J., Brodribb, T. J., Blackman, C. J., & Weston, P. H. (2013). Climate drives vein anatomy in Proteaceae. *American Journal of Botany*, 100, 1483-1493.
- Jordan, G. J., Dillon, R. A., & Weston, P. H. (2005). Solar radiation as a factor in the evolution of scleromorphic leaf anatomy in Proteaceae. *American Journal of Botany*, 92, 789–796.
- Jordan, G. J., Weston, P. H., Carpenter, R. J., Dillon, R. A., & Brodribb, T. J. (2008). The evolutionary relations of sunken, covered and encrypted stomata to dry habitats in Proteaceae. *American Journal of Botany*, 95, 521-530.
- Joseph, L., Toon, A., Nyári, A. S., Longmore, N. W., Rowe, K. M. C., Haryoko, T., Trueman, J., & Gardner, J. L. (2014) A new synthesis of the molecular systematics and biogeography of honeyeaters (Passeriformes: Meliphagidae) highlights biogeographical complexity of a spectacular avian radiation. *Zoologica Scripta*, (in press)
- Kaplan, D. R., (1980). Heteroblastic leaf development in *Acacia* – morphological and morphogenetic implications. *La Cellule*, 73, 135-203.
- Keeley, J. E., & Fotheringham, C. J. (1998). Smoke-induced seed germination in California chaparral. *Ecology*, 79, 2320–2336.
- Keeley, J. E., Pausas, J. G., Rundel, P. W., Bond, W. J., & Bradstock, R. A. (2011). Fire as an evolutionary pressure shaping plant traits. *Trends in Plant Science*, 16, 406-411.
- Keighery, G. J., (1975). Parallel evolution of floral structures in *Darwinia* (Myrtaceae) and *Pimelea* (Thymelaeaceae). *Western Australian Naturalist*, 13, 46-50.
- Keighery, G. J. (1980). Bird pollination in south western Australia: A checklist. *Plant Systematics and Evolution*, 135, 171-176.
- Keighery, G. J. (1981). The breeding system of *Emblingia* (Emblingiaceae). *Plant Systematics and Evolution*, 137, 63-65.
- Keighery, G. J. (1996). Phytogeography, biology and conservation of Western Australian Epacridaceae. *Annals of Botany*, 77, 347-355.
- Keppel, G., van Niel, K. P., Wardell-Johnson, G. W., Yates, C. J., Byrne, M., Mucina, L., Schut, A. G. T., Hopper, S. D., & Franklin, S. E. (2012). Refugia: identifying and understanding safe havens for biodiversity under climate change. *Global Ecology and Biogeography*, 21, 393-404.
- Kim, J., Walck, J. L., Hidayati, S. N., Merritt, D. J., & Dixon, K. W. (2009). Germinability of seeds stored in capsules on plants of two myrtaceous shrubs: differences among age cohorts and between species. *Australian Journal of Botany*, 57, 495-501.
- Knight, C. A., & Ackerly, D. D. (2002). An ecological and evolutionary analysis of photosynthetic thermotolerance using the temperature-dependent increase in fluorescence. *Oecologia*, 130, 505-514.
- Knight, C. A., & Ackerly, D. D. (2003). Evolution and plasticity of photosynthetic thermal tolerance, specific leaf area and leaf size: congeneric species from desert and coastal environments. *New Phytologist* 160, 337-347.
- Knox, R. B., Kendrick, J., Bernhardt, P., Marginson, R., Bresford, G., Baker, I., & Baker, H. G. (1985). Extrafloral nectaries as adaptations for bird pollination in *Acacia terminalis*. *American Journal of Botany*, 72, 11985-1196.
- Kuo J., Hocking, P.J., Pate, J. S. (1982). Nutrient reserves in seeds of selected proteaceous species from south-western Australia. *Australian Journal of Botany*, 30, 231-249.
- Lach, L., Hobbs, R.J., & Majer, J. D. (2009). Herbivory-induced extrafloral nectar increases native and invasive ant worker survival. *Population Ecology*, 51, 237-243.

- Ladd, P. G., Alkema, A.J., & Thomson, G. J. (1996). Pollen presenter morphology and anatomy in *Banksia* and *Dryandra*. *Australian Journal of Botany*, 44, 447-471.
- Ladd, P. G., & Connell, S. W. (1994). Andromonoecy and fruit set in three genera of the Proteaceae. *Botanical Journal of the Linnaean Society*, 116, 77-88.
- Ladd, P. G., & Enright, N. J. (2011). Ecology of fire-tolerant Podocarps in temperate Australian forests. *Smithsonian Contributions to Botany*, 95, 141-155.
- Ladd, P. G., Parnell, J. A. N., & Thomson, G. (1999). Anther diversity and function in *Verticordia* DC. (Myrtaceae). *Plant Systematics and Evolution*, 219, 79-97.
- Lambers, H., Brundrett, M. C., Raven, J. A., & Hopper, S. D. (2010). Plant mineral nutrition in ancient landscapes: high plant species diversity on infertile soils is linked to functional diversity for nutritional strategies. *Plant and Soil*, 334, 11-31.
- Lambers, H., Raven, J. A., Shaver, G. R., & Smith, S. E. (1998). Plant nutrient-acquisition strategies change with soil age. *Trends in Ecology and Evolution*, 23, 95-103.
- Lambers, H., Raven, J. A., Shaver, g. R., & Smith, S. E. (2008). Plant nutrient-acquisition strategies change with soil age. *Trends in Ecology and Evolution*, 23, 95-103.
- Lambers, H., Shane, M. W., Cramer, M. D., Pearse, S. J., & Veneklass, E. J. (2006). Root structure and functioning for efficient acquisition of phosphorus: matching morphological and physiological traits. *Annals of Botany*, 98, 693-713.
- Lamont, B. (1974). The biology of dauciform roots in the sedge *Cyathochaete avenacea*. *New Phytologist*, 73, 985-996.
- Lamont, B. (1979). Extrafloral nectaries in Australian plants, with special reference to *Acacia*. *Annual Report Mulga Research Centre*, 2, 15-18.
- Lamont, B. (1981a). Morphometrics of the aerial roots of *Kingia australis* (Liliales). *Australian Journal of Botany*, 29, 10-25.
- Lamont, B. (1981b). Availability of water and inorganic nutrients in the persistent leaf bases of the grass tree *Kingia australis* and the uptake and translocation of labelled phosphate by the embedded aerial roots. *Physiologia Plantarum*, 52, 181-186.
- Lamont, B. (1982a). Gas content of berries of the Australian mistletoe *Amyema preissii* and the effect of maturity, viscin, temperature and carbon dioxide on germination. *Journal of Experimental Botany*, 135, 790-798.
- Lamont, B. B. (1982b). Mechanisms for enhancing nutrient uptake in plants, with particular reference to Mediterranean South Africa and Western Australia. *Botanical Review*, 48, 597-689.
- Lamont, B. (1983). Germination of mistletoes. In Calder, D. M. and Bernhardt, P. (Eds.), *The biology of mistletoes*. pp. 129-143. Sydney, Australia: Academic Press.
- Lamont, B. (1984a). Specialized modes of nutrition. In: Pate, J.S. and Beard, J.S. (Eds.). *Kwongan: plant life of the sandplain*. pp. 126-145. Crawley, University of Western Australian Press.
- Lamont, B. (Ed.) (1984b). Natural resources of the Avondale Flora and Fauna Reserve, Beverley, Western Australia. Curtin School of Biology Bulletin No. 6.
- Lamont, B. (1985a). The significance of flower colour change in eight co-occurring shrub species. *Botanical Journal of the Linnaean Society*, 90, 145-155.
- Lamont, B. (1985b). Dispersal of the winged fruits of *Nuytsia floribunda* (Loranthaceae). *Australian Journal of Ecology*, 10, 187-193.
- Lamont, B. (1982c). The reproductive biology of *Grevillea leucoptera* (Proteaceae), including reference to its glandular hairs and colonizing potential. *Flora*, 172, 1-20.
- Lamont, B. B. (1988). Sexual versus vegetative reproduction in *Banksia elegans*. *Botanical Gazette*, 149, 370-375.
- Lamont, B. B. (1989). Biotic and abiotic interactions in *Banksia* woodland. *Journal of the Royal Society of Western Australia*, 71, 99-100.
- Lamont, B. B. (1991). Canopy seed storage and release: what's in a name? *Oikos*, 60, 266-268.

- Lamont, B. B. (1992). Functional interactions within plants - the contribution of keystone and other species to biological diversity. In R. J. Hobbs, R.J. (Ed.), *Biodiversity of mediterranean ecosystems in Australia*. pp. 95-127. Chipping Norton: Surrey Beatty and Sons.
- Lamont, B. B. (1994). Mineral nutrient relations in mediterranean regions of California, Chile and Australia. In M. T. Kalin-Arroyo, P. Zedler & M. Fox (Eds), *Ecology and biogeography of mediterranean ecosystems in Chile, California and Australia*.vpp. 211-235, New York: Springer-Verlag.
- Lamont, B. B. (1995). Testing the effect of ecosystem composition/structure on its functioning. *Oikos*, 74, 283-295.
- Lamont, B.B. (1996). Conservation biology of banksias in southwestern Australia. In S. D. Hopper, M. Harvey, J. Chappill and A. S. George (Eds), *Gondwanan heritage: Past, present and future of the Western Australian biota*, pp. 292-298. Chipping Norton: Surrey Beatty and Sons.
- Lamont, B. B. (2003). Structure, ecology and physiology of root clusters—a review. *Plant and Soil*, 248, 1-19.
- Lamont, B. B., & Barker, M. J. (1988). Seed bank dynamics of a serotinous, fire-sensitive *Banksia* species. *Australian Journal of Botany*, 36, 193-203.
- Lamont, B. B., & Bergl, S. M. (1991). Water relations, shoot and root architecture, and phenology of three co-occurring *Banksia* species: no evidence for niche differentiation in the pattern of water use. *Oikos*, 60, 291-298.
- Lamont, B. B., & Barrett, G. J. (1988). Constraints on seed production and storage in a root-suckering *Banksia*. *Journal of Ecology*, 76, 1069–1082.
- Lamont, B. B., & Collins, B. G. (1988). Flower colour change in *Banksia ilicifolia*: a signal for pollinators. *Australian Journal of Ecology*, 13, 129-135.
- Lamont, B. B., & Connell, S. W. (1996). Biogeography of *Banksia* in southwestern Australia. *Journal of Biogeography*, 23, 295-309.
- Lamont, B. B., & Cowling, R. M. (1984). Flammable infructescences in *Banksia*: a fruit-opening mechanism. *Australian Journal of Ecology*, 9, 295-296.
- Lamont, B. B., & Downes, K. S. (2011). Fire-stimulated flowering among resprouters and geophytes in Australia and South Africa. *Plant Ecology*, 212, 2111-2125.
- Lamont, B. B. & Downes, S. (1979). The flowering and fire history of the grass trees *Xanthorrhoea preissii* and *Kingia australis*. *Journal of Applied Ecology*, 16, 893-899.
- Lamont, B. B., Downes, S., & Fox, J. E. D. (1977). Importance-value curves and diversity indices applied to a species-rich heathland in Western Australia. *Nature*, 265, 438-441.
- Lamont, B. B., & Enright, N. J. (2000). Adaptive advantages of aerial seed banks. *Plant Species Biology*, 15, 157-166.
- Lamont, B. B., Enright, N. J., & He, T. (2011). Fitness and evolution of resprouters in relation to fire. *Plant Ecology*, 212, 1945-1957.
- Lamont, B. B., & Groom, P. K. (1998). Seed and seedling biology of woody fruited Proteaceae. *Australian Journal of Botany*, 46, 387-406.
- Lamont, B. B., & Groom, P. K. (2002). Green cotyledons of two *Hakea* species control seedling mass and morphology by supplying mineral nutrients rather than organic compounds. *New Phytologist*, 153, 101-110.
- Lamont, B. B., & Groom, P. K. (2013). Seeds as a source of carbon, nitrogen and phosphorus for seedling establishment in temperate regions: a synthesis. *American Journal of Plant Sciences*, 4, 30-40.
- Lamont, B. B., Groom, P. K., & Cowling, R. M. (2002). High leaf mass per area of related species assemblages may reflect low rainfall and carbon isotope discrimination rather than low phosphorus and nitrogen concentrations. *Functional Ecology*, 16, 403-412.

- Lamont, B. B., Groom, P. K., Richards, M. B., & Witkowski, E. T. F. (1999). Recovery of communities after fire—the role of species identity and functional attributes. *Diversity and Distributions*, 5, 15-26.
- Lamont, B. B., & He, T. (2012). Fire-adapted Gondwanan Angiosperm floras evolved in the Cretaceous. *BMC Evolutionary Biology*, 12, 223.
- Lamont, B. B., He, T., & Downes, K. S. (2013). Adaptive responses to directional trait selection in the Miocene enabled Cape proteas to colonize the savanna grasslands. *Evolutionary Ecology*, 27, 1099-1115.
- Lamont, B. B., He, T., Enright, N. J., Krauss, S. L., & Miller, B. P. (2003). Anthropogenic disturbance promotes hybridization between *Banksia* species by altering their biology. *Journal of Evolutionary Biology*, 16, 551-557.
- Lamont, B. B., Hopkins, A. J. M., & Hnatiuk, R. J. (1984). The flora - composition, diversity and origins. In J. S. Pate and J. S. Beard (Eds), *Kwongan. Plant life of the sandplain*. pp. 27-50. Nedlands, Australia: University of Western Australia -Press.
- Lamont, B. B., & Lamont, H. C. (2000). Utilizable water in leaves of eight arid species as derived from pressure-volume curves and chlorophyll fluorescence. *Physiologia Plantarum*, 110, 64-71.
- Lamont, B. B., le Maitre, D. C., Cowling, R. M., & Enright, N. J. (1991). Canopy seed storage in woody plants. *The Botanical Review*, 57, 277-317.
- Lamont, B. B., & Markey, A. (1995). Biogeography of fire-killed and resprouting *Banksia* species in south-western Australia. *Australian Journal of Botany*, 43, 283-303.
- Lamont, B., & Perry, M. (1977). The effects of light, osmotic potential and atmospheric gases on germination of the mistletoe *Amyema preissii*. *Annals of Botany*, 41, 203-209.
- Lamont, B. B., Pérez-Fernández, M., & Rodríguez-Sánchez, J. (2015). Soil bacteria hold the key to root cluster formation. *New Phytologist*, 206, 1156-1162, doi: 10.1111/nph.13228.
- Lamont, B. B., Ralph, C. S., & Christensen, P. (1985). Mycophagous marsupials as dispersal agents for ectomycorrhizal fungi on *Eucalyptus calophylla* and *Gastrolobium bilobum*. *New Phytologist*, 101, 651-656.
- Lamont, B. B., & Ryan, R. A. (1977). The formation of coralloid roots by cycads under sterile conditions. *Phytomorphology*, 27, 426-29.
- Lamont, B. B., & Runciman, H. V. (1993). Fire may stimulate flowering, branching, seed production and seedling establishment in two kangaroo paws (Haemodoraceae). *Journal of Applied Ecology*, 30, 256-264.
- Lamont, B. B., Witkowski, E. T. F., & Enright, N. J. (1993). Post-fire litter microsites: safe for seeds, unsafe for seedlings. *Ecology*, 74, 501-512.
- Lamont, B. B., Wittkuhn, R., & Korczynskyj, D. (2004). Ecology and ecophysiology of grasstrees. *Australian Journal of Botany*, 52, 561-582.
- Lawes, M. J., Richards, A., Dathe, J., & Midgley, J. J. (2011). Bark thickness determines fire resistance of selected tree species from fire-prone tropical savanna in north Australia. *Plant Ecology*, 212, 2057-2069.
- Leigh, A., Sevanto, S., Ball, M. C., Close, J. D., Ellsworth, D. S., Knight, C. A., Nicotra, A. B., & Vogel, S. (2012). Do thick leaves avoid thermal damage in critically low wind speeds? *New Phytologist*, 194, 477-487.
- Lengyel, S., Gove, A. D., Latimer, A. M., Majer, J. D., & Dunn, R. R. (2009). Ants sow the seeds of global diversification in flowering plants. *PLOS ONE*, 4, e5480.
- Lengyel, S., Gove, A. D., Latimer, A. M., Majer, J. D., & Dunn, R. R. (2010). Convergent evolution of seed dispersed by ants, and phylogeny and biogeography in flowering plants: a global survey. *Perspectives in Plant Ecology, Evolution and Systematics*, 12, 43-55.
- Light, M. E., Daws, M. I., & van Staden, J. V. (2009). Smoke-derived butenolide: towards understanding its biological effects. *South African Journal of Botany*, 75, 1-7.

- Loveys, B. R., Loveys, B. R., & Tyerman, S.D. (2001). Water relations and gas exchange of the root hemiparasite *Santalum acuminatum* (quandong). *Australian Journal of Botany*, 49, 479-486.
- Lowrie, A. (2014). *Carnivorous plants of Australia. Magnum opus*. Volumes 1-2, Doreset, England, Redferm Natural History.
- Lowrie, A., Conran, J. G., & Moyle-Croft, J. (2002). A revision of *Byblis* (Byblidaceae) in south-western Australia. *Nuytsia*, 15, 11-19.
- Lubertazzi, D., Lubertazzi, M. A. A., McCoy, N., Gove, A. D., Majer, J. D., & Dunn, R. R. (2010). The ecology of a keystone seed disperser, the ant *Rhytidoponera violacea*. *Journal of Insect Science*, 10:158.
- Lughadha, E. N., & Proenca, C. (1996). A survey of the reproductive biology of the Myrtoideae (Myrtaceae). *Missouri Botanical Garden*, 83, 480-503.
- Majer, J. D., & Lamont, B. B. (1985). Removal by ants of seed of *Grevillea pteridifolia* (Proteaceae). *Australian Journal of Botany*, 33, 611-618.
- Majer, J. D., Gove, A. D., Sochacki, S., Searle, P., & Portloci, C. (2011). A comparison of the autecology of two seed-taking ant genera, *Rhytidoponera* and *Melophorus*. *Insects Sociaux*, 58, 115-25.
- Mant, J. G., Schiestl, F. P., Peakall, R., & Weston, P. H. (2002). A phylogenetic study of pollinator conservatism among sexually deceptive orchids. *Evolution*, 56, 888-898.
- Marginson, R., Sedgley, M., Douglas, T. J., & Knox, R. B. (1985). Structure and secretion of the extrafloral nectaries of Australian acacias. *Israel Journal of Botany*, 34, 91-102.
- Maslin, B. R. (2014). Four new species of *Acacia* (Fabaceae: Mimosoideae) with fasciculate phyllodes from south-west Western Australia. *Nuytsia*, 24, 161-175.
- Matthews, M. L., Gardner, J., & Sedgley, M. (1999). The proteaceous pistil: morphology and anatomy aspects of the pollen presenter and style of eight species across five genera. *Annals of Botany*, 83, 385-399.
- McComb, J. A. (1966). The sex forms of species in the flora of the south-west of Western Australia. *Australian Journal of Botany*, 14, 303-316.
- McLuckie, J. (1924). Studies in parasitism. I. A contribution to the physiology of the genus *Cassytha*. Part 1. *Proceedings of the Linnaean Society of New South Wales*, 49, 55-78.
- Meney, K. A. & Pate, J. S. (1999) Australian Rushes. University of Western Australian Press, Nedlands.
- Menz, M. H. M., Phillip, R. D., Dixon, K. W. Peakall, R., & Didham, R. K. (2013). Mate-searching behaviour of common and rare wasps and the implications for pollen movement of the sexually deceptive orchids they pollinate. *PLoS One*, 8, e59111.
- Mercer, G. N., Gill, A. M., & Weber, R. O. (1994). A time-dependent model of fire impact on seed survival in woody fruits. *Australian Journal of Botany* 42, 71-81.
- Merritt, D. J., Turner, S. R., Clarke, S., & Dixon, K. W. (2007). Seed dormancy and germination stimulation syndromes for Australian temperate species. *Australian Journal of Botany*, 55, 336-344.
- Merwin, L., He, T., & Lamont, B. B. (2012). Phylogenetic and phenotypic structure among *Banksia* communities in south-western Australia. *Journal of Biogeography*, 39, 397-407.
- Merwin, L., He, T., Lamont, B. B., Enright, N. J., & Krauss, S. L. (2012). Low rate of between-population seed dispersal restricts genetic connectivity and metapopulation dynamics in a clonal shrub. *PLoS ONE*, 7, e50974.
- Midgley, J. J. (2000). What are the relative costs, limits and correlates of increased degree of serotiny? *Austral Ecology*, 25, 65-68.
- Midgley, J. J. (2013). Flammability is not selected for, it emerges. *Australian Journal of Botany*, 61, 102-106.
- Midgley, J. J., Cowling, R. M., & Lamont, B.B. (1991). Relationship of follicle size and seed size in *Hakea* (Proteaceae): isometry, allometry and adaptation. *South African Journal of Botany*, 57, 107-110.

- Milberg, P. & Lamont, B. B. (1997). Seed/cotyledon size and nutrient content play a major role in early performance of species on nutrient-poor soils. *New Phytologist*, 136, 665-672.
- Milberg, P., Pérez-Fernández, M. A., & Lamont, B. B. (1998). Seedling growth response to added nutrients depends on seed size in three woody genera. *Journal of Ecology*, 86, 624-632.
- Miller, J. T., Andrew, R., & Bayer, R. J. (2003). Molecular phylogenetics of the Australian acacias of subg. *Phyllodineae* (Fabaceae: Mimosoideae) based on the *trnK* intron. *Australian Journal of Botany*, 51, 167-177.
- Miller, J. T., & Miller, C. (2011). Acacia seedling morphology: phyllotaxy and its relationship to seed mass. *Australian Journal of Botany*, 59, 185-196.
- Miller, J. T., Murphy, D. J., Ho, S. Y. W., Cantrill, D. J., & Seigler, D. (2013). Comparative dating of *Acacia*: combining fossils and multiple phylogenies to infer ages of clades with poor fossil records. *Australian Journal of Botany*, 61, 436-445.
- Mitchell, P. J., Veneklass, E. J., Lambers, H., & Burgess, S. S. (2008a). Using multiple trait associations to define hydraulic functional types in plant communities of south-western Australia. *Oecologia*, 158, 385-397.
- Mitchell, P. J., Veneklass, E. J., Lambers, H., & Burgess, S. S. (2008b). Leaf water relations during summer water deficits: differential responses in turgor maintenance and variation in leaf structure among different plant communities in south-western Australia. *Plant, Cell and Environment*, 31, 1791-1802.
- Moran, G. F., & Hopper, S. D. (1983). Genetic diversity and the insular population structure of the rare granite rock species, *Eucalyptus caesia* Benth. *Australian Journal of Botany*, 31, 161-172.
- Morcombe, M. K. (1968). *Australia's western wildflowers*. Perth: Western Australia: Morcombe.
- Mucina, L., & Majer, J. D. (2012). Ants and the origins of plant diversity in old, climatically stable landscapes: a great role for tiny players. *South African Journal of Botany*, 83, 44-46.
- Mucina, L., Laliberté, E., Thiele, K. R., Dodson, J. R., & Harvey, J. (2014). Biogeography of kwongan: origins, diversity, endemism and vegetation patterns. In H. Lambers (Ed), *Plant life on the sandplains in southwest Australia*. pp. 38-80. Perth, Australia: UWA Publishing.
- Mucina, L., & Wardell-Johnson, G. W. (2011). Landscape age and soil fertility, climatic stability, and fire regime predictability: beyond the OCBIL framework. *Plant and Soil*, 341, 1-23.
- Murphy, D. J., Brown, G. K., Miller, J. T., & Ladiges, P. Y. (2010). Molecular phylogeny of *Acacia* Mill. (Mimosoideae: Leguminosae): evidence for major clades and informal classification. *Taxon*, 59, 7-19.
- Mutch, R. W. (1970). Wildland fires and ecosystems – a hypothesis. *Ecology*, 51, 1046-1051.
- Myers, N., Mittermeier, R. A., Mittermeier, C. G., da Fonseca, G. A. B., & Kent, J. (2000). Biodiversity hotspots for conservation priorities. *Nature*, 403, 853-858.
- Navarro, E., Rouvier, C., Normand, P., Domenach, A. M., Simonet, P., & Prin, Y. (1998). Evolution of *Frankia*-Casuarinaceae interactions. *Genetics Selection Evolution*, 30, S357-S372.
- Nicolle, D. (2006). A classification and census of regenerative strategies in the eucalypts (*Angophora*, *Corymbia* and *Eucalyptus* – Myrtaceae), with special reference to the obligate seeders. *Australian Journal of Botany*, 54, 391-407.
- Nicotra, A. B., Cosgrove, M. J., Cowling, A., Schlichting, C. D., & Jones, C. S. (2008). Leaf shape linked to photosynthetic rates and temperature optima in South African *Pelargonium* species. *Oecologia*, 154, 625-635.
- Niinemets, Ü. (2001). Global-scale climatic controls of leaf dry mass per area, density, and thickness in trees and shrubs. *Ecology*, 82, 453-469.
- Noss, R. F. (1990). Indicators for monitoring biodiversity: a hierarchical approach. *Conservation Biology*, 4, 355-364.
- Nyári, A., Peterson, A. T., Rice, N. H. & Moyle, R. G. (2009). Phylogenetic relationships of flower-peckers (Aves: Dicaeidae): novel insights into the evolution of a tropical passerine clade. *Molecular Phylogenetics and Evolution*, 53, 613-619.

- Obrien, S. P. (1995). Extrafloral nectaries in *Chamelaucium uncinatum*: a first record in the Myrtaceae. *Australian Journal of Botany*, 43, 407-13.
- Parkes, D. M., & Hallam, N. D. (1984). Adaptation for carnivory in the West Australian pitcher plant *Cephalotus follicularis* Labill. *Australian Journal of Botany*, 32, 595-604.
- Parsons, M. H., Koch, J. M., Lamont, B. B., Vlahos, S., & Fairbanks, M. (2006). Planting density effects and selective herbivory by kangaroos on species used in restoring forest communities. *Forest Ecology and Management*, 229, 39-49.
- Parsons, M. H., Lamont, B. B., Davies S. J. J. F., & Kovacs B. R., (2005). How energy and co-available foods affect the currency of forage for the western grey kangaroo. *Animal Behaviour*, 71, 765-772.
- Parsons, R. F., & Hopper, S. D. (2003). Monocotyledonous geophytes: comparison of south-western Australia with other areas of mediterranean climate. *Australian Journal of Botany*, 51, 129-133.
- Pate, J. S. (1989). Australian micro stilt plants. *Trends in Ecology and Evolution*, 4, 45-49.
- Pate, J. S. (2002). Symbiotic nitrogen fixation between microorganisms and higher plants of natural ecosystems. In K. Sivasithamparam, K. W. Dixon & R. L. Barrett (Eds), *Microorganisms in plant conservation and biodiversity*, pp. 44-77. The Hague: Kluwer Academic Publishers.
- Pate, J. S., Davidson, N. J., Kuo, J., & Milburn, J. A. (1990a). Water relations of the root hemiparasite *Olax phyllanthi* (Labill.) R.Br. (Olacaceae) and its multiple hosts. *Oecologia*, 84, 186-193.
- Pate, J. S., & Dixon, K. W. (1982). *Tuberous, cormous and bulbous plants – biology of an adaptive strategy in Western Australia*. Nedlands, Australia: University of Western Australia Press.
- Pate, J. S., & Dixon, K. W. (1996). Convergence and divergence in the southwestern Australian flora in adaptations of roots to limited availability of water and nutrients, fire and heat stress. In S. D. Hopper, M. Harvey, J. Chappill and A. S. George (Eds), *Gondwanan heritage: Past, present and future of the Western Australian biota*, pp. 249-258. Chipping Norton: Surrey Beatty and Sons.
- Pate, J. S., Dixon, K. W. & Orshan, G. (1984). Growth and life form characteristics of kwongan species. In J. S. Pate and J. S. Beard (Eds), *Kwongan. Plant life of the sandplain* pp. 84-100. Nedlands, Australia: University of Western Australia Press.
- Pate, J. S., Kuo, J., & Davidson, N. J. (1990b). Morphology and anatomy of the haustorium of the root hemiparasite *Olax phyllanthi* (Olacaceae) with special reference to the haustorial interface. *Annals of Botany*, 65, 425-436.
- Pate, J. S., Kuo, J., Dixon, K. W., & Crisp, M. D. (1989). Anomalous secondary thickening in roots of *Daviesia* (Fabaceae) and its taxonomic significance. *Botanical Journal of the Linnaean Society*, 99, 175-193.
- Pate, J. S., Pate, S. R., Kuo, J., & Davidson, N. J. (1990b). Growth, resource allocation and haustorial biology of the root hemiparasite *Olax phyllanthi* (Olacaceae). *Annals of Botany*, 65, 437-449.
- Pate, J. S., Rasins, E., Rullo, J., & Kuo, J. (1986). Seed nutrient reserves of Proteaceae with special reference to protein bodies and their inclusions. *Annals of Botany*, 57, 747-770.
- Pate, J. S., Rasins, E. , Thumfort, P. P., McChesney, C. J. & Meney, K. A. (1995). Occurrence of the unusual amino acid compound S-methylcysteine in Australian members of the Restionaceae: biological and taxonomic significance. *Australian Journal of Botany*, 43, 73-84.
- Pate, J. S., Veerboom, W. H., & Galloway, P. D. (2001). Co-occurrence of Proteaceae, laterite and related oligotrophic soils: coincidental associations or causative inter-relationships? *Australian Journal of Botany*, 49, 529-560.
- Pate, J. S., Weber, G., & Dixon, K. W. (1984). Stilt plants – Extraordinary growth form of the kwongan. In J. S. Pate and J. S. Beard (Eds), *Kwongan. Plant life of the sandplain* pp. 101-125. Nedlands, Australia: University of Western Australia Press.
- Pausas, J. G., Bradstock, R. A., Keith, D. A., Keeley, J. E., & GCTE. (2004). Plant functional traits in relation to fire in crown-fire ecosystems. *Ecology*, 85, 1085-1100.
- Pausas, J. G., & Keeley, J. E. (2009). A burning story: the role of fire in the history of life. *BioScience*, 59, 593-601.

- Pausas, J. G., & Keeley, J. E. (2014). Evolutionary ecology of resprouting and seeding in fire-prone ecosystems. *New Phytologist*, 204, 55-65.
- Peakall, R. (1989). The unique pollination of *Leporella fimbriata* (Orchidaceae) by pseudocopulating winged male ants *Myrmecia urens* (Formicidae). *Plant Systematics and Evolution*, 167, 137-148.
- Peakall, R. (1990). Responses of male *Zaspilothynnus trilobatus* Turner wasps to females and the sexually deceptive orchid it pollinates. *Functional Ecology*, 4, 159-167.
- Peakall, R., Angus, C. J., & Beattie, A. J. (1990). The significance of ant and plant traits for ant pollination in *Leporella fimbriata*. *Oecologia*, 84, 457-460.
- Peakall, R., & Beattie, A. J. (1991). The genetic consequences of worker ant pollination in a self-compatible, clonal orchid. *Evolution*, 45, 1837-1848.
- Peakall, R., & Beattie, A. J. (1996). Ecological and genetic consequences of pollination by sexual deception in the orchid *Caladenia tentaculata*. *Evolution*, 50, 2207-2220.
- Peakall, R., Ebert, D., Poldy, J., Barrow, R. A., Francke, W., Bower, C. C., & Schiestl, F. P. (2010). Pollinator specificity, floral odour chemistry and the phylogeny of Australian sexually deceptive *Chiloglottis* orchids: implications for pollinator-driven speciation. *New Phytologist*, 188, 437-450.
- Peakall, R., & James, S. H. (1989). Outcrossing in an ant pollinated clonal orchid. *Heredity* 62, 161-167.
- Pérez-Harguindeguy, N. M., Díaz, S., Garnier, E., Lavorel, S., Poorter, H., et al., (2013). New handbook for standardised measurement of plant functional traits worldwide. *Australian Journal of Botany*, 61, 167-234.
- Pestell, A. J. L., & Petit, S. (2007). Diet of the western pygmy possum, *Cercartetus concinnus* Gould (Marsupialia: Burramyidae), at Innes National Park, South Australia, and evaluation of diet sampling methods. *Australian Journal of Zoology*, 55, 275-284.
- Phillips, R. D., Barrett, M. D., Dixon, K. W., & Hopper, S. D. (2011). Do mycorrhizal symbioses cause rarity in orchids? *Journal of Ecology*, 99, 858-869.
- Phillips, R. D., Brown, A. P., Dixon, K. W., & Hopper, S. D. (2011). Orchid biogeography and factors associated with rarity in a biodiversity hotspot, the Southwest Australian Floristic Region. *Journal of Biogeography*, 38, 487-501.
- Phillips, R. D., Faast, R., Bower, C. C., Brown, G. R., & Peakall, R. (2009). Implications of pollination by food and sexual deception for pollinator specificity, fruit set, population genetics and conservation of *Caladenia* (Orchidaceae). *Australian Journal of Botany*, 57, 287-306.
- Phillips, R. D., Hopper, S. D., & Dixon, K. W. (2010). Pollination ecology and the possible impacts of environmental change in the southwest Australian biodiversity hotspot. *Philosophical Transactions of the Royal Society B*, 365, 517-528.
- Phillips, R. D., Scaccabarozzi, D., Retter, B. A., Hayes, C., Brown, G. R., Dixon, K. W., & Peakall, R. (2014). Caught in the act: pollination of sexually deceptive trap-flowers by fungus gnats in *Pterostylis* (Orchidaceae). *Annals of Botany*, 113, 629-641.
- Pierce, N. B., & Simpson, M. G. (2009). Polyaperturate pollen types and ratios of heteromorphism in the monocot genus *Conostylis* (Haemodoraceae). *Australian Systematic Botany*, 22, 16-30.
- Playsted, C. W. S., Johnston, M. E., Ramage, C. M., Edwards, D. G., Cawthray, G. R., & Lambers, H. (2006). Functional significance of dauciform roots: exudation of carboxylates and acid phosphatase under phosphorus deficiency in *Caustis blakei* (Cyperaceae). *New Phytologist*, 170, 491-500.
- Poot, P., Hopper, S. D., & van Diggelen, J. M. H. (2012). Exploring rock fissures: does a specialized root morphology explain endemism on granite outcrops? *Annals of Botany*, 110, 291-300.
- Poot, P., & Lambers, H. (2008). Shallow-soil endemics: adaptive advantages and constraints of a specialized root-system morphology. *New Phytologist* 178, 371-381.

- Poot, P., & Veneklaas, E. J. (2013). Species distribution and crown decline are associated with contrasting water relations in four common sympatric eucalypt species in southwestern Australia. *Plant and Soil*, 364, 409-423.
- Poorter, H., Niinemets, Ü., Poorter, L., Wright, I.J., & Villar, R. (2009). Causes and consequences of variation in leaf mass per area (LMA): a meta-analysis. *New Phytologist*, 182, 565-588.
- Prideaux, G. J., & Warburton, N. M. (2010). An osteology-based appraisal of the phylogeny and evolution of kangaroos and wallabies (Macropodidae: Marsupialia). *Zoological Journal of the Linnean Society*, 159, 954-987.
- Rafferty, C., & Lamont, B. B. (2007). Selective herbivory by mammals on 19 species planted at two densities. *Acta Oecologica*, 32, 1-13.
- Rafferty, C. M., Lamont, B. B., & Hanley, M. E. (2005). Selective feeding by kangaroos (*Macropus fuliginosus*) on seedlings of *Hakea* species: effects of chemical and physical defences. *Plant Ecology*, 177, 201-208.
- Rafferty, C. M., Lamont, B. B., & Hanley, M. E. (2010). Herbivore feeding preferences in captive and wild populations. *Austral Ecology*, 35, 257-263.
- Rasmussen, H. N., & Rasmussen, F. N. (2009). Orchid mycorrhiza: implications of a mycophagous life style. *Oikos*, 118, 334-345.
- Read, J., Sanson, G. D., & Lamont, B. B. (2005). Leaf mechanical properties in sclerophyll woodland and shrubland on contrasting soils. *Plant and Soil*, 276, 95-113.
- Reich, P. B. (2014). The world-wide 'fast-slow' plant economics spectrum: a traits manifesto. *Journal of Ecology*, 102, 275-301.
- Reid, N. (1987). The mistletoebird and Australian Mistletoes: co-evolution or coincidence? *Emu*, 87, 130-131.
- Richards, M. B., & Lamont, B. B. (1996). Post-fire mortality and water relations of three congeneric shrub species under extreme water stress – a trade-off with fecundity? *Oecologia*, 107, 53-60.
- Richardson, K. C., Wooller, R. D., & Collins, B. G. (1986). Adaptations to a diet of nectar and pollen in the marsupial *Tarsipes rostratus* (Marsupialia: Tarsipedidae). *Journal of Zoology*, 208, 285-297.
- Rivadavia, F., Kondo, K., Kato, M. & Hasebe, M. (2003). Phylogeny of the sundews, *Drosera* (Droseraceae), based on chloroplast *rbcL* and nuclear 18S ribosomal DNA sequences. *American Journal of Botany*, 90, 120-130.
- Roche, S., Dixon, K. W., & Pate, J. S. (1997). Seed ageing and smoke: partner cues in the amelioration of seed dormancy in selected Australian native species. *Australian Journal of Botany*, 45, 783-815.
- Roche, S., Dixon, K. W., & Pate, J. S. (1998). For everything a season: smoke-induced seed germination and seedling recruitment in a Western Australian *Banksia* woodland. *Australian Journal of Ecology*, 23, 111-120.
- Rognon, P., & Williams, M. A. J. (1977). Late Quaternary climatic changes in Australia and North Africa: a preliminary interpretation. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 21, 285-327.
- Rokich, D. P., Meney, K. A., Dixon, K. W., & Sivasithamparam, K. (2001). The impact of soil disturbance on root development in woodland communities in Western Australia, *Australian Journal of Botany*, 49, 169-183.
- Rossetto, M., Jezierski, G., Hopper, S. D., & Dixon, K. W. (1999). Conservation genetics and clonality in two critically endangered eucalypts from the highly endemic south-western Australian flora. *Biological Conservation*, 88, 321-331.
- Roth-Nebelsick, A., Hassiotou, F., & Veneklaas, E. J. (2009). Stomatal crypts have small effects on transpiration: A numerical model analysis *Plant Physiology*, 151, 2018–2027.
- Rourke, J., & Wiens, D. (1977). Convergent floral evolution in South African and Australian Proteaceae and its possible bearing on pollination by nonflying mammals. *Annals of the Missouri Botanical Garden*, 64, 1-17.

- Saffer, V. M. (2004). Are diel patterns of nectar production and anthesis associated with other floral traits in plants visited by potential bird and mammal pollinators? *Australian Journal of Botany*, 52, 87-92.
- Sampson, J. F., Hopper, S. D., & James, S. H. (1989). The mating system and population genetic structure in a bird-pollinated mallee, *Eucalyptus rhodantha*. *Heredity*, 63, 383-393.
- Sauquet, H., Weston, P. H., Anderson, C. L., Barker, N. P., Cantrill, D. J., Mast, A. R., & Savolainen, V. (2009). Contrasted patterns of hyperdiversification in Mediterranean hotspots. *Proceedings of the National Academy of Sciences*, 106, 221-225.
- Sedgley, M., Sierp, M., Wallwork, M. A., Fuss, A. M., & Thiele, K. (1993). Pollen presenter and pollen morphology of *Banksia* L.f. (Proteaceae). *Australian Journal of Botany*, 41, 439-464.
- Schiestl, F. P. (2005). On the success of a swindle: pollination by deception in orchids. *Naturwissenschaften*, 92, 255-264.
- Schiestl, F. P., Peakall, R., & Mant, J. (2004). Chemical communication in the sexually deceptive orchid genus *Cryptostylis*. *Botanical Journal of the Linnaean Society*, 144, 199-205.
- Schiestl, F. P., & Schlüter, P. M. (2009). Floral isolation, specialized pollination, and pollinator behavior in orchids. *Annual Review of Entomology*, 54, 425-446.
- Schulze, E. -D., Gebauer, G., Schulze, W., & Pate, J. S. (1991). The utilization of nitrogen from insect capture by different growth forms of *Drosera* from southwest Australia. *Oecologia*, 87, 240-246.
- Schulze, W., Schulze, E.-D., Pate, J.S., & Gillison, A. N. (1997). The nitrogen supply from soils and insects during growth of the pitcher plant *Nepenthes mirabilis*, *Cephalotus follicularis* and *Darlingtonia californica*. *Oecologia*, 112, 464-471.
- Schut, A. G. T., Wardell-Johnson, G. W., Yates, C. J., Keppel, G., Baran, I., Franklin, S. E., Hooper, S. D., van Niel, K. P., Mucina, L., & Byrne, M. (2014). Rapid characterisation of vegetation structure to predict refugia and climate change impacts across a global biodiversity hotspot. *PLoS ONE*, 9, e82778.
- Scopece, G., Cozzolino, S., Johnson, S. D., & Schiestl, F. P. (2010). Pollination efficiency and the evolution of a specialized deceptive pollination systems. *The American Naturalist*, 175, 98-105.
- Shane, M. W., Cawthray, G. R., Cramer, M. D., Kuo, J., & Lambers, H. (2006). Specialised 'dauciform' roots of Cyperaceae are structurally distinct, but functionally analogous with 'cluster' roots. *Plant, Cell and Environment*, 29, 1989-1999.
- Shane, M. W., Dixon, K. W., & Lambers, H. (2005). The occurrence of dauciform roots amongst Western Australian reeds, rushes and sedges, and the impact of phosphorus supply on dauciform-root development in *Schoenus unispiculatus* (Cyperaceae). *New Phytologist*, 165, 887-898.
- Shane, M. W., McCully, M. E., Cann, M. J., Pate, J. S., Ngo, H., Mathesius, U., Cawthray, G. R., & Lambers, H. (2009). Summer dormancy and winter growth: root survival in a perennial monocotyledon. *New Phytologist*, 183, 1085-1096.
- Shane, M. W., McCully, M. E., Cann, M. J., Pate, J. S., & Lambers, H. (2011). Development and persistence of sandsheaths of *Lyginia barbata* (Restionaceae): relation to root structural development and longevity. *Annals of Botany*, 108, 1307-1322.
- Shen, H., Prider, J. N., Facelli, J. M., & Watling, J. R. (2010). The influence of the hemiparasitic angiosperm *Cassytha pubescens* on photosynthesis of its host *Cytisus scoparius*. *Functional Plant Biology*, 37, 14-21.
- Shen, H., Ye, W., Hong, L., Cao, H., & Wang, Z. (2005). Influence of the obligate parasite *Cuscuta campestris* on growth and biomass allocation of its host *Mikania micrantha*. *Journal of Experimental Botany*, 56, 1277-1284.
- Shrestha, M., Dyer, A. G., Body-Gem, S., Wong, B. B. M., & Burd, M. (2013). Shades of red: bird-pollinated flowers target the specific colour discrimination abilities of avian vision. *New Phytologist*, 198, 301-310.

- Smith, M. A., Bell, D. T., & Loneragan, W. A. (1999). Comparative seed germination ecology of *Austrostipa compressa* and *Ehrharta calycina* (Poaceae) in a Western Australian Banksia woodland. *Australian Journal of Ecology*, 24, 35-42.
- Smith, R. J., Hopper, S. D., & Shane, M. W. (2011). Sand-binding roots in Haemodoraceae: global survey and morphology in a phylogenetic context. *Plant and Soil*, 348, 453-470.
- Smith, W. K., Bell, D. T., & Shepherd, K. A. (1998). Associations between leaf structure, orientation, and sunlight exposure in five Western Australian communities. *American Journal of Botany*, 85, 56-63.
- Sommer, B. & Froend, R. (2011). Resilience of phreatophytic vegetation to groundwater drawdown: is recovery possible under a drying climate? *Ecohydrology*, 4, 67-82.
- Sommer, B., & Froend, R. (2014). Phreatophytic vegetation responses to groundwater depth in a drying mediterranean-type landscape. *Journal of Vegetation Science*, 25, 1045-1055.
- Sprent, J. I., (2007). Evolving ideas of legume evolution and diversity: a taxonomic perspective on the occurrence of nodulation. *New Phytologist*, 174, 11-25.
- Stace, H. M. (1995). Protogyny, self-incompatibility and pollination in *Anthocercis gracilis* (Solanaceae). *Australian Journal of Botany*, 43, 451-459.
- Stoutamire, W. P. (1983). Wasp-pollinated species of *Caladenia* (Orchidaceae) in south-western Australia. *Australian Journal of Botany*, 31, 383-394.
- Sydes, M. A., & Calder, D. M. (1993). Comparative reproductive biology of two sun-orchids, the vulnerable *Thelymitra circumsepta* and the widespread *T. ixoides* (Orchidaceae). *Australian Journal of Botany*, 41, 577-589.
- Swarts, N. D., & Dixon, K. W. (2009). Terrestrial orchid conservation in the age of extinction. *New Phytologist*, 104, 543-556.
- Swarts, N. D., Sinclair, E. A., Francis, A. & Dixon, K. W. (2009). Ecological speciation in mycorrhizal symbiosis leads to rarity in an endangered orchid. *Molecular Ecology*, 19, 3226-3242.
- Tapper, S. -L., Byrne, M., Yates, C. J., Keppel, G., Hopper, S. D., van Niel, K., Schut, A. G. T., Mucina, L., & Wardell-Johnson, G. W. (2014). Isolated with persistence or dynamically connected? Genetic patterns in a common granite outcrop endemic. *Diversity and Distributions*, 20, 987-1001.
- Tennakoon, K. U., Pate, J. S., & Arthur, D. (1997b). Ecophysiological aspects of the woody root hemiparasite *Santalum acuminatum* (R.Br.) A.DC and its common hosts in south western Australia. *Annals of Botany*, 80, 245-256.
- Tennakoon, K. U., Pate, J. S., & Fineran B. A. (1997a). Growth and partitioning of C and N in the shrub legume *Acacia littorea* in presence or absence of the root hemiparasite *Olax phyllanthi*. *Journal of Experimental Botany*, 48, 1061-1069.
- The Angiosperm Phylogeny Group (2009). An update of the Angiosperm Phylogeny Group classification for the orders and families of flowering plants: APG III. *Botanical Journal of the Linnean Society*, 161, 105-121.
- Thiele, K. R., Wylie, S. J., Macarone, L., & Hollick, P. (2008). *Pilostyles cocoidea* (Apodanthaceae), a new species from Western Australia described from morphological and molecular evidence. *Nuytsia*, 18, 273-284.
- Thornhill, A. H., Wilson, P. G., Drudge, J., Barrett, M. D., Hope, G. S., Craven, L. A., & Crisp, M. D. (2012). Pollen morphology of the Myrtaceae. Part 3. Tribes Chamelaucieae, Leptospermeae and Lindsayomyrteae. *Australian Journal of Botany*, 60, 225-259.
- Tieu, A., Dixon, K. W., Meney, K. A., & Sivasithamparam, K. (2001a). The interaction of heat and smoke in the release of seed dormancy in seven species from southwestern Western Australia. *Annals of Botany*, 88, 259-265.
- Tieu, A., Dixon, K. W., Meney, K. A., & Sivasithamparam, K. (2001b). Interaction of soil burial and smoke on germination patterns in seeds of selected Australian native plants. *Seed Science Research*, 11, 69-76.

- Tieu, A., & Egerton-Warburton, L. M. (2000). Contrasting seed morphology dynamics in relation to the alleviation of dormancy with soil storage. *Canadian Journal of Botany*, 78, 1187-1198.
- Toon, A., Cook, L. G., & Crisp, M. D. (2014). Evolutionary consequences of shifts to bird-pollination in the Australian pea-flowered legumes (Mirbelieae and Bossiaeae). *BMC Evolutionary Biology*, 14, 43.
- Turner, K. M., & Frederickson, M. E. (2013). Signals can trump rewards in attracting seed-dispersing ants. *PLoS ONE*, 8, e71871.
- Twigg, L. E., King, D. R., Bowen, L. H., Wright, G. R., & Eason, C. T. (1996). Fluoroacetate content of some species of the toxic Australian plant genus, *Gastrolobium*, and its environmental persistence. *Natural Toxins*, 4, 122-127.
- Twigg, L. E., & Socha, L. V. (1996). Physical versus chemical defence mechanisms in toxic *Gastrolobium*. *Oecologia*, 108, 21-28.
- Tucker, S. C., & Bernhardt, P. (2000). Floral ontogeny, pattern formation, and evolution in *Hibbertia* and *Adrastaea* (Dilleniaceae). *American Journal of Botany*, 87, 1915-1936.
- van Staden, J., Brown, N. A. C., Jäger, A. K., & Johnson, T. A. (2000). Smoke as a germination cue. *Plant Species Biology*, 15, 167-178.
- Vanstone, V. A., & Paton, D. C. (1988). Extrafloral nectaries and pollination of *Acacia pycnantha* Benth by birds. *Australian Journal of Botany*, 36, 519-531.
- Vaughton, G., & Ramsey, M. (2001). Variation in summer dormancy in the lilioid geophyte *Burchardia umbellata* (Colchicaceae). *American Journal of Botany*, 88, 1223-1229.
- Veneklass, E. J., & Poot, P. (2003). Seasonal patterns in water use and leaf turnover of different plant functional types in a species-rich woodland, south-western Australia. *Plant and Soil* 257, 295-304.
- Venterink, H. O. (2011). Does phosphorus limitation promote species-rich plant communities? *Plant and Soil*, 345, 1-9.
- Vidal-Russell, R., & Nickrent, D. L. (2008a). The first mistletoes: origins of aerial parasitism in Santalales. *Molecular Phylogenetics and Evolution*, 47, 523-537.
- Vidal-Russell, R., & Nickrent, D. L. (2008b). Evolutionary relationships in the showy mistletoe family (Loranthaceae). *American Journal of Botany*, 95, 1015-1029.
- Walker, B. A., & Pate, J. S., (1986). Morphological variation between seedling progenies of *Viminaria juncea* (Schrad. & Wendl.) Hoffmans. (Fabaceae) and its physiological significance. *Australian Journal of Plant Physiology*, 13, 305-319.
- Ward, S. C., Koch, J. M., & Grant, C. D. (1997). Ecological aspects of soil seed-banks in relation to bauxite mining. I. Unmined jarrah forest. *Australian Journal of Ecology*, 22, 169-176.
- Wardell-Johnson, G., & Coates, D. (1996). Links to the past: local endemism in four species of forest eucalypts in southwest Australia. In S. D. Hopper, M. Harvey, J. Chappill and A. S. George (Eds), *Gondwanan heritage: Past, present and future of the Western Australian biota*, pp.137-154. Chipping Norton: Surrey Beatty and Sons.
- Wedge, J. A. (2012). Navigating the floral Milky Way: the taxonomy of the microgeophytic triggerplants (*Stylidium petiolare* and allies, Stylidiaceae). *Australian Systematic Botany*, 25, 138-169.
- Weiss, R.W., & Lamont B.B. (1997). Floral color change and insect pollination: a dynamic relationship. *Israel Journal of Plant Sciences*, 45, 185-199
- Westcott, V. C., Enright, N. J., Miller, B. P., Fontaine, J. B., Lade, J. C., & Lamont, B. B. (2014). Biomass and litter accumulation patterns in species-rich shrublands for fire hazard assessment. *International Journal of Wildland Fire*, 23, 860-871.
- Whelan, R. J., & Burbidge, A. H. (1980). Flowering phenology, seed set and bird pollination of five Western Australian *Banksia* species *Australian Journal of Ecology*, 5, 1-7.

- White, N. E., Phillips, M. J., Gilbert, M. T., Alfaro-Núñez, A., Willerslev, E., Mawson, P. R., Specier, P.B. S., & Bunce, M. (2011). The evolutionary history of cockatoos (Aves: Psittaciformes: Cacatuidae). *Molecular Phylogenetics and Evolution*, 59, 615-622.
- White, R. H., & Zipper, W. C. (2010). Testing and classification of individual plants for fire behaviour: plant selection for the wildland-urban interface. *International Journal of Wildland Fire*, 19, 213-227.
- Wiens, D., Renfree, M., & Wooller, R. O. (1979). Pollen loads of honey possums (*Tarsipes spencerae*) and nonflying mammal pollination in southwestern Australia. *Annals of the Missouri Botanical Garden*, 66, 830-838.
- Wilson, C. A., & Calvin, C. L. (2006). An origin of aerial branch parasitism in the mistletoe family, Loranthaceae. *American Journal of Botany*, 93, 787-796.
- Witkowski, E.T. F., & Lamont, B. B. (1991). Leaf specific mass confounds leaf density and thickness. *Oecologia* 88, 486-493.
- Witkowski, E. T. F., & Lamont, B. B. (1996). Disproportionate allocation of mineral nutrients and carbon between vegetative and reproductive structures in *Banksia hookeriana*. *Oecologia*, 105, 38-42.
- Witkowski, E. T. F., & Lamont, B. B. (1997). Does the rare *Banksia goodii* have inferior vegetative, reproductive or ecological attributes compared with its widespread co-occurring relative *B. gardneri*? *Journal of Biogeography*, 24, 469-482.
- Witkowski, E. T. F., Lamont, B. B., Walton, C. S., & Radford, S. (1992). Leaf demography, sclerophyllly and ecophysiology of two *Banksia* species with contrasting leaf life spans. *Australian Journal of Botany*, 40, 849-862.
- Wooller, R. D., Renfree, M. B., Russell, E. M., Dunning, A., Green, S. W., & Duncan, P. (1981). Seasonal changes in a population of the nectar-feeding marsupial *Tarsipes spencerae* (Marsupialia: Tarsipedidae). *Journal of Zoology*, 195, 267-279.
- Wooller, R. D., Russell, E. M. Renfree, M. B., & Towers, P. A. (1984). A comparison of seasonal changes in the pollen loads of nectarivorous marsupials [*Tarsipes*] and birds [honeyeaters]. *Australian Wildlife Research* 10, 311 – 317.
- Wooller, R. D., & Wooller, S. J. (2003). The role of non-flying animals in the pollination of *Banksia nutans*. *Australian Journal of Botany*, 51, 503-507
- Wright, I. J., Reich, P. B., Westoby, M. et al. (2004). The worldwide leaf economics spectrum. *Nature*, 428, 821-827.
- Yan, Z.G. (1990). Host specificity of *Lysiana exocarpi* subsp *exocarpi* and other mistletoes in southern South Australia. *Australian Journal of Botany*, 38, 475-486.
- Yan, Z. (1993a). Seed dispersal of *Amyema preissii* and *Lysiana exocarpi* by mistletoe birds and spiny-cheeked honeyeaters. *Emu*, 93, 214-219.
- Yan, Z. (1993b). Germination and seedling development of two mistletoes, *Amyema preissii* and *Lysiana exocarpi*: host specificity and mistletoe-host compatibility. *Australian Journal of Ecology*, 18, 419-429.
- Yan, Z. (1993c). Resistance to haustorial development of two mistletoes, *Amyema preissii* (Miq.) Tieghem and *Lysiana exocarpi* (Behr.) Tieghem ssp. *Exocarpi* (Loranthaceae), on host and nonhost species. *International Journal of Plant Sciences*, 154, 386-394.
- Yates, C. J., Elliott, C., Byrne, M, Coates, D. J., & Fairman R. (2007). Seed production, germinability and seedling growth for a bird pollinated shrub in fragments of kwongan in south-west Australia. *Biological Conservation*, 136, 306-314.
- Yesson, C., & Culham, A. (2006). Phyloclimatic modelling: combining phylogenetics and bioclimatic modelling. *Systematic Biology*, 55, 785-802.
- Zencich, S. J., Froend, R.H., Turner, J. V., & Galilitis, V. (2002). Influence of groundwater depth on the seasonal sources of water accessed by *Banksia* tree species on a shallow, sandy coastal aquifer. *Oecologia*, 131, 8-19.