

# Research Outputs

## Publications

### Refereed Journals

- Aagesen L, Medan D, **Kellermann J** & Hilger HH (2005) Phylogeny of the tribe Colletieae (Rhamnaceae) – a sensitivity analysis of the plastid region *trnL-trnF* combined with morphology. *Plant Systematics and Evolution* 250: 197-214.
- Abbott RJ, **Lowe AJ** (2004) Origins, establishment and evolution of two new polyploid species of *Senecio* in the British Isles. *Biological Journal of the Linnean Society*. 82: 467-474.
- Albrecht DE, **Barker RM, Barker WR** & Gavin J (2002) *Neurada procumbens* L. (Neuradaceae): a new record for Australia and a potential threat to Australia's sandy deserts. *Plant Protection Quarterly* 17: 158-161.
- Bacles CFE, Burczyk J, **Lowe AJ**, Ennos RA (2005) Historical and contemporary mating patterns in remnant populations of the forest tree *Fraxinus excelsior* L. *Evolution* 59: 979-990.
- Bacles CFE, **Lowe AJ**, Ennos RA (2006) Seed dispersal across a fragmented landscape. *Science* 311: 628.
- Bacles CFE, **Lowe AJ**, Ennos RA (2004) Genetic effects of chronic habitat fragmentation on tree species: the case of *Sorbus aucuparia* in a deforested Scottish landscape. *Molecular Ecology* 13:573-584.
- Barker RM & WR** (2003) Hakea rhombales. *Curtis's Botanical Magazine* 20(2): 69-73, pl. 464.
- Barker RM** (2007) The botanical legacy of 1802. South Australian plants collected by Robert Brown and Peter Good on Matthew Flinders *Investigator* and by the French scientists on Baudin's *Geographe* and *Naturaliste*. *Journal Adelaide Botanic Gardens* 21: 5- 44.
- Barker RM** & Conran JG (2007) *Malva preissiana* Miq., an overlooked name for *Lavatera plebeia* Sims (Malvaceae), with a note on variation within the species. *Journal Adelaide Botanic Gardens* 21: 71- 72.
- Barker RM** & George AS (2007) *Calycoleplus* (Euphorbiaceae) not in South Australia. *Journal Adelaide Botanic Gardens* 21: 73 – 74.
- Barker RM** (2007) Two newly described species and a draft key to the species of *Sida s.lat.* from Western Australia. *Nuytsia* 17 : 13–30.
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- Barker WR** (2007a) Australian Plant Census Precursor Papers 1 –*Stackhousia subterranea*, a new name and revised circumscription for *S. gunnii* Hook.f. (Stackhousiaceae–Celastraceae). *J. Adelaide Bot. Gard.* 21: 90–91.
- Barker WR** (2007b) Australian Plant Census Precursor Papers 1 – *Euphrasia tasmanica* Gand. formally reduced in a subspecies in *E. collina* R.Br. *J. Adelaide Bot. Gard.* 21: 90–91.
- Barker WR** In press. The taxonomy of Subfamily Stackhousioideae (Celastraceae). I. A conspectus, keys, typifications, and progress towards a resolution of several species complexes. (*J. Adelaide Botanic Gardens*).
- Bickerton DC** (2006) Using herbicide to control century plant (*Agave americana*): implications for management. *Proceedings of the 15<sup>th</sup> Australian Weeds Conference*. 219-222. Weed Management Society of South Australia, Adelaide.
- Bryars S** & Wear, R (accepted) Seagrasses of the Investigator Group region: *Posidonia* meadow condition in a pristine offshore marine environment. *Transactions of the Royal Society of South Australia*.
- Bryars SR** & Havenhand JN (2006) Effects of constant and varying temperatures on the development of blue swimmer crab (*Portunus pelagicus*) larvae: Laboratory

- observations and field predictions for temperate coastal waters. *Journal of Experimental Marine Biology and Ecology*. 329: 218-229.
- Bryars SR** & Geddes MC (2005) Effects of diet on the growth, survival, and condition of sea-caged adult southern rock lobster, *Jasus edwardsii*. *New Zealand Journal of Marine and Freshwater Research* 39: 251-262.
- Bryars S** & Neverauskas V (2004) Natural recolonisation of seagrasses at a disused sewage sludge outfall. *Aquatic Botany* 80(4): 283-289.
- Bryars SR** & Havenhand JN (2004) Temporal and spatial distribution and abundance of blue swimmer crab (*Portunus pelagicus*) larvae in a temperate gulf. *Marine and Freshwater Research* 55: 809-818.
- Cale PG** (2003a) The spatial dynamics of White-browed Babbler groups in a fragmented agricultural landscape. *Pacific Conservation Biology* 8: 271-280.
- Cale PG** (2003b) The influence of social behaviour, dispersal and landscape fragmentation on population structure in a sedentary bird. *Biological Conservation* 109, 237-248.
- Cale PG** & Brooker B (2006) Differences in nest productivity of White-browed Babblers in continuous and fragmented landscapes. Submitted to *Pacific Conservation Biology*.
- Caley P, Groves RH & **Barker RM** (2008) Estimating the invasion success of introduced plants. *Diversity and Distributions* 14(2): 196-203.
- Carpenter G, Pedler L & **de Preu N** (2006) A Spinifexbird in the Flinders Ranges. *South Australian Ornithologist* 34: 280-283.
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- Driscoll DA & **Henderson MK** (2008) How many common reptile species are fire specialists? A replicated natural experiment highlights the predictive weakness of a fire succession model. *Biological Conservation*. 141: 460 - 471.
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- George AS & **Barker RM** (2007) *Hakea chromatropa* (Proteaceae: Grevilleoideae), an apparently rare new species from Western Australia. *Nuytsia* 17: 159–164.
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