

Publications may be directly related to CRC for Forestry research, or the research was carried out by CRC for Forestry related staff

### **Refereed journal articles (in press)**

- Berndt LA, Allen GR (2010) Biology and pest status of *Uraba lugens* Walker (Lepidoptera: Nolidae) in Australia and New Zealand. *Australian Journal of Entomology*.
- Costa e Silva J, Harder C and Potts B (2010) Genetic variation and parental performance under inbreeding for growth in *Eucalyptus globulus*. *Annals of Forest Science* **67** (published online).
- Costa e Silva J, Harder C, Tilyard P, Pires A and Potts B (2010) Effects of inbreeding on population mean performance and observational variances in *Eucalyptus globulus*. *Annals of Forest Science* **67** (published online).
- Grosser C, Vaillancourt RE and Potts BM (2010) Microsatellite based paternity analysis in a clonal *Eucalyptus nitens* seed orchard. *Silvae Genetica*.
- Iason GI, O'Reilly-Wapstra JM, Brewer M, Summers RW, Moore BM (2010) Do multiple herbivores maintain chemical diversity of Scots pine monoterpenes? *Philosophical Transactions of the Royal Society B*.
- Leys AJ and Vanclay JK (2010b) Land-use change conflict arising from plantation forestry expansion: Views across Australian fence-lines. *International Forestry Review*.
- New TR, Yen AL, Sands DPA, Greenslade P, Neville PJ, York A, Collett NG (2010) Planned fires and invertebrate conservation in south east Australia. *Journal of Insect Conservation*.
- O'Grady AP, Eyles A, Worledge D and Battaglia M (2010) Seasonal patterns of foliage respiration in dominant and suppressed *Eucalyptus globulus* canopies. *Tree Physiology*
- Othman RJA, Jordan GJ, Worth JRP, Steane DA, Duretto MF (2010) Phylogeny and infrageneric classification of *Correa* Andrews (Rutaceae) based on nuclear and chloroplast DNA. *Plant Systematics and Evolution*.
- Pinkard EA, Beadle CL, Mendham DS, Carter J and Glen M (2010) Determining photosynthetic responses of forest species to elevated [CO<sub>2</sub>]: alternatives to FACE. *Forest Ecology and Management*.
- Sanger JC, Davidson NJ, O'Grady AP and Close DC (2010) Are the patterns of regeneration in the endangered *Eucalyptus gunnii* sub sp *divaricata*, shifting in response to climate? *Austral Ecology*.
- Stackpole DJ, Joyce K, Potts BM and Harwood CE (2010) Correlated response of pulpwood profit traits following differential fertilisation of a *Eucalyptus nitens* clonal trial. *New Zealand Journal of Forestry Science*.
- Thavamanikumar S, McManus LJ, Tibbits J and Bossinger G The significance of Single Nucleotide Polymorphisms (SNPs) in *Eucalyptus globulus* breeding programs. Australasian Forest and Genetics Conference Special Issue in Australian Forestry Journal.
- Verbesselt J, Hyndman R, Zeileis A and Culvenor D (2010) Phenological change detection while accounting for abrupt and gradual trends in satellite image time series. *Remote Sensing of Environment*.
- Walker PW, Allen GR (2010) Mating frequency and reproductive success in an income breeding moth: *Mnesampela privata* (Lepidoptera: Geometridae). *Entomologia Experimentalis et Applicata*.

### **Refereed journal articles (published)**

- Acuna M and Kellogg L (2009) Evaluation of alternative cut-to-length harvesting technology for native forest thinning in Australia. *International Journal of Forest Engineering* **20**(2):19–27.
- Almeida AC, Siggins A, Batista TR, Beadle CL, Sebastião Fonseca S and Loos, R (2010) Mapping the effect of spatial and temporal variation in climate and soils on *Eucalyptus* plantation production with 3-PG, a process-based growth model. *Forest Ecology and Management* **259**, 1730–1740.
- Baker SC, Barmuta LA, Richardson AMM (2009) Response of ground dwelling beetles across logging coupe edges into stream side reserves. *Australian Journal of Entomology* **48**, 194–203.
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- Barbour RC, Baker SC, O'Reilly-Wapstra JM, Harvest TMA, Potts BM (2009d) A footprint of tree-genetics on the biota of the forest floor. *Oikos* **118**, 1917–1923.
- Barbour RC, Forster LG, Baker SC and Potts BM (2009c) Biodiversity consequences of genetic variation in bark characteristics within a foundation tree species. *Conservation Biology* **23**, 1146–1155.
- Barbour RC, Storer MJ and Potts BM (2009b) **Relative importance of tree genetics and microhabitat on macrofungal biodiversity on coarse woody debris.** *Oecologia* **160**, 335–342.
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- Bradbury GJ, Potts BM and Beadle CL (2010) Quantifying phenotypic variation in wood colour in *Acacia melanoxylon* R.Br. *Forestry* **83** 153–162.
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- Collett NG and Elms S (2009) The control of siren wood wasp using biological control agents in Victoria, Australia. *Agricultural and Forest Entomology* **11**, 283–294.
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- Downes GM, Meder R, Ebdon N, Bond H, Evans R, Joyce K, and Southerton SG (2010) Radial variation in cellulose content and Kraft pulp yield in *Eucalyptus nitens* using NIR spectral analysis of air-dry wood surfaces. *Journal of Near Infra-Red Spectroscopy* **18**, 147–155.
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- Drew DM, Downes GM, O'Grady AP and Read J (2009) High resolution temporal variation in wood density, microfibril angle and wood anatomical properties in irrigated and non-irrigated *Eucalyptus globulus*. *Annals of Forest Science* **66**, 406–415.
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### **Book chapters**

- Whitham TG, Gehring CA, Evans LM, LeRoy CJ, Bangert RK, Schweitzer JA, Allan, GJ, Barbour RC, Fischer DG, Potts BM, Bailey JK. A community and ecosystem genetics approach to conservation biology and management. In 'Molecular Approaches in Natural Resource Conservation and Management'. (Eds A DeWoody, JW Bickham, C Michler, KM Nichols, OE Rhodes Jr and K Woeste) pp. 50–62. (Cambridge University Press)

### **Confidential reports**

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- Collett NG (2009) 'Review of key exotic insect pest species, the threats they pose to the plantation industry in Victoria and methods of surveillance and detection'. Report for Department of Primary Industries. (The University of Melbourne: Melbourne, Australia)
- Collett NG and Fagg P (2009) 'Insect defoliation of mixed species eucalypts in East Gippsland 2003–2006'. Report for Department of Sustainability and Environment. (The University of Melbourne: Melbourne, Australia)

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### **Public reports**

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