

# Publications on assessing the risk of gene flow from *Eucalyptus globulus*, *E. nitens* and *Corymbia* plantations in Australia

- 2010 Barbour RC, Wise SL, McKinnon GE, Vaillancourt RE, Williamson GJ and Potts BM. The potential for gene flow from exotic eucalypt plantations into Australia's rare native eucalypts. *Forest Ecology and Management* 260, 2079-2087. [read more](#)
- 2008 Barbour RC, Crawford AC, Henson M, Lee D, Potts BM and Shepherd M. The risk of pollen-mediated gene flow from exotic *Corymbia* plantations into native *Corymbia* populations in Australia. *Forest Ecology and Management* 256, 1-19. [read more](#)
- 2008 Barbour RC, Otahal Y, Vaillancourt RE and Potts BM. Pollen-mediated gene flow from exotic *Eucalyptus globulus* plantations in Australia. *Biological Conservation* 141, 896-907. [read more](#)
- 2007 Barbour RC, Potts BM, Vaillancourt RE. Gene flow between introduced and native *Eucalyptus* species: morphological analysis of tri-species and backcross hybrids involving *E. nitens*. *Silvae Genetica* 56, 127-133. [read more](#)
- 2006 Williams DR, Potts BM, Neilsen WA and Joyce KR. The effect of tree spacing on the production of flowers in *Eucalyptus nitens* *Australian Forestry* 69, 299-304. [read more](#)
- 2006 Barbour RC, Potts BM and Vaillancourt RE. Gene flow between introduced and native *Eucalyptus*: early-age selection limits invasive capacity of exotic *E. ovata* x *nitens* F<sub>1</sub> hybrids. *Forest Ecology and Management* 228, 206-214. [read more](#)
- 2006 Barbour RC, Potts BM, Vaillancourt RE and Tibbits W. Gene flow between introduced and native *Eucalyptus* species: flowering asynchrony as a barrier to F<sub>1</sub> hybridisation between exotic *E. nitens* and native Tasmanian *Symphyomyrtus* species. *Forest Ecology and Management* 226, 9-21. [read more](#)
- 2005 Barbour RC, Potts BM and Vaillancourt RE. Gene flow between introduced and native *Eucalyptus* species: crossability of native Tasmanian species with exotic *E. nitens*. *Australian Journal of Botany* 53, 465-477. [read more](#)
- 2005 Barbour RC, Potts BM and Vaillancourt RE. Pollen dispersal from exotic eucalypt plantations. *Conservation Genetics* 6, 253-257. [read more](#)
- 2003 Barbour RC, Potts BM and Vaillancourt RE. Gene flow between introduced and native *Eucalyptus*: Exotic hybrids are establishing in the wild. *Australian Journal of Botany* 51, 429-439. [read more](#) (research reported in Duncan, F. 2003. Hybrid eyes. *Forest Practices News* Vol 5 No 3, 6-8)
- 2003 Potts BM, Barbour RC, Hingston AB and Vaillancourt RE. Turner Review No. 6. Genetic pollution of native eucalypt gene pools – identifying the risks. *Australian Journal of Botany* 51, 1-25. [read more](#)
- 2002 Barbour R, Potts BM, Vaillancourt RE, Tibbits WN and Wiltshire RE. Gene flow between introduced and native *Eucalyptus* species. *New Forests* 23 (3): 177-191. [read more](#)

## Reports

- 2003 Hingston A, Potts B and Vaillancourt R. The risk of genetic pollution of native eucalypts from plantations and farm forestry in Victoria: a scoping study. A report to the Environmental Health Project Team, Private Forestry Council of Victoria. Technical Report No. 114 Cooperative Research Centre for Sustainable

Production Forestry, Hobart. pp. 79

- 2001 Potts BM, Barbour R and Hingston A. 'The risk of genetic pollution from farm forestry using eucalypt species and hybrids.' Rural Industries Research and Development, Joint Venture Agroforestry Program Report 01/114, pp.109 (RIRDC, Kingston ACT)  
Report summary - <http://www.rirc.gov.au/reports/AFT/01-114sum.html>  
Full report - <http://www.rirc.gov.au/reports/AFT/01-114.pdf>

### **References on pollinators of *Eucalyptus globulus* and *E. nitens***

- 2005 Hingston AB and Potts BM. Pollinator activity can explain variation in outcrossing rates within individual trees. *Austral Ecology* 30: 319-324. [read more](#)
- 2004 Hingston AB, Potts BM and McQuillan PB. The swift parrot *Lathamus discolor* (Psittacidae), social bees (Apidae), and native insects as pollinators of *Eucalyptus globulus* ssp. *globulus* (Myrtaceae). *Australian Journal of Botany* 52, 371-379. [read more](#)
- 2004 Hingston AB, Potts BM and McQuillan PB. Pollination services provided by various size classes of flower visitors to *Eucalyptus globulus* ssp. *globulus* (Myrtaceae). *Australian Journal of Botany* 52, 353-369. [read more](#)
- 2004 Patterson B, Vaillancourt RE and Potts BM. Factors affecting outcrossing rates in *Eucalyptus globulus*. *Australian Journal of Botany* 52(6) 773–780. [read more](#)
- 1998 Hingston AB and Potts BM. Floral visitors of *Eucalyptus globulus* subsp. *globulus* in eastern Tasmania. *Tasforests* 10, 125-140. [website](#)