

2016 Refereed Science Publications

Peer reviewed journal articles and conference proceedings papers from Scion.

Avila, G. A., Withers, T. M., & Holwell, G. I. (2016). Laboratory odour-specificity testing of *Cotesia urabae* to assess potential risks to non-target species. *BioControl*, 1-13. doi:10.1007/s10526-016-9716-5

Avila, G. A., Withers, T. M., & Holwell, G. I. (2016). Olfactory cues used in host-habitat location and host location by the parasitoid *Cotesia urabae*. *Entomologia Experimentalis et Applicata*, 158(2), 202-209. doi:10.1111/eea.12393

Avila, G. A., Withers, T. M., & Holwell, G. I. (2016). Retrospective risk assessment reveals likelihood of potential non-target attack and parasitism by *Cotesia urabae* (Hymenoptera: Braconidae): A comparison between laboratory and field-cage testing results. *Biological Control*, 103, 108-118. doi:10.1016/j.biocontrol.2016.08.008

Bader, M. K. F., Mildner, M., Baumann, C., Leuzinger, S., & Körner, C. (2016). Photosynthetic enhancement and diurnal stem and soil carbon fluxes in a mature Norway spruce stand under elevated CO₂. *Environmental and Experimental Botany*, 124, 110-119. doi:10.1016/j.envexpbot.2015.12.005

Baillie, B. R. (2016). Herbicide concentrations in waterways following aerial application in a steep-land planted forest in New Zealand. *New Zealand Journal of Forestry Science*, 46(1). doi:10.1186/s40490-016-0072-0

Baroutian, S., Gapes, D. J., Sarmah, A. K., Farid, M. M., & Young, B. R. (2016). Formation and degradation of valuable intermediate products during wet oxidation of municipal sludge. *Bioresource Technology*, 205, 280-285. doi:10.1016/j.biortech.2016.01.039

Bayne, K., Moore, J., & Fielke, S. (2016). Structural and relational support for innovation-formal versus informal knowledge exchange mechanisms in forest-sector learning. *Forestry Chronicle*, 92(4), 432-440. doi:10.5558/tfc2016-078

Bezuidenhout, C. N. (2016). Quantifying the degree of leanness and agility at any point within a supply chain. *British Food Journal*, 118(1), 60-69. doi:10.1108/BFJ-12-2014-0408

Bradshaw, R. E., Guo, Y., Sim, A. D., Kabir, M. S., Chettri, P., Ozturk, I. K., Cox, M. P. (2016). Genome-wide gene expression dynamics of the fungal pathogen *Dothistroma septosporum* throughout its infection cycle of the gymnosperm host *Pinus radiata*. *Molecular Plant Pathology*, 17(2), 210-224. doi:10.1111/mpp.12273

Brockerhoff, E. G., Chinellato, F., Faccoli, M., Kimberley, M., & Pawson, S. M. (2017). Effects of elevation and aspect on the flight activity of two alien pine bark beetles (Coleoptera: Curculionidae, Scolytinae) in recently-harvested pine forests. *Forest Ecology and Management*, 384, 132-136. doi:10.1016/j.foreco.2016.10.046

Brockerhoff, E. G., Dick, M., Ganley, R., Roques, A., & Storer, A. J. (2016). Role of insect vectors in epidemiology and invasion risk of *Fusarium circinatum*, and risk assessment of biological control of invasive *Pinus contorta*. *Biological Invasions*, 1-14. doi:10.1007/s10530-016-1059-8

Bulman, L. S., Bradshaw, R. E., Fraser, S., Martín-García, J., Barnes, I., Musolin, D. L. & Tubby, K. (2016). A worldwide perspective on the management and control of *Dothistroma* needle blight. *Forest Pathology*. doi:10.1111/efp.12305

Buys, M. H., Flint, H. J., Miller, E. M., Yao, H., Caird, A. R., & Ganley, R. J. (2016). Preparing for the invasion: Efficacy of DNA barcoding to discern the host range of myrtle rust (*Puccinia psidii*) among species of Myrtaceae. *Forestry*, 89(3), 263-270. doi:10.1093/forestry/cpw017

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Cappa, E. P., Klápště, J., Garcia, M. N., Villalba, P. V., & Marcucci Poltri, S. N. (2016). SSRs, SNPs and DArTs comparison on estimation of relatedness and genetic parameters' precision from a small half-sib sample population of *Eucalyptus grandis*. *Molecular Breeding*, 36(7). doi:10.1007/s11032-016-0522-7

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- Drenkhan, R., Tomešová-Haataja, V., Fraser, S., Bradshaw, R. E., Vahalík, P., Mullett, M. S. & Barnes, I. (2016). Global geographic distribution and host range of *Dothistroma* species: A comprehensive review. *Forest Pathology*. doi:10.1111/efp.12290
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