

# Journal Papers

## Refereed Scientific Journal Papers

2017

Auty D, Moore J, Achim A, Lyon A, Mochan S, Gardiner B 2017. Effects of early respacing on the density and microfibril angle of Sitka spruce wood. *Forestry*.

[doi:10.1093/forestry/cpx004](https://doi.org/10.1093/forestry/cpx004)

Dash, DP, MS Watt, GD Pearse, M Heaphy, HS Dungey, 2017. Assessing very high resolution UAV imagery for monitoring forest health during a simulated disease outbreak.

[ISPRS Journal of Photogrammetry and Remote Sensing 131](https://doi.org/10.1016/j.isprsjprs.2017.08.002), 1-14

Mammeri Y., Sellier D. 2017. A surface model of nonlinear, non-steady-state phloem transport. [Mathematical Biosciences and Engineering 14](https://doi.org/10.1016/j.mbs.2017.08.002), 1055-1069.

Moore J, Cown D. 2017. Corewood (Juvenile Wood) and Its Impact on Wood Utilisation.

*Curr Forestry Rep.* [doi: 10.1007/s40725-017-0055-2](https://doi.org/10.1007/s40725-017-0055-2)

Moore J, Dash J, Lee J, McKinley R, Dungey H. 2017. Quantifying the influence of seedlot and stand density on growth, wood properties and the economics of growing radiata pine.

*Forestry* 2017; 00, 1–14, [doi:10.1093/forestry/cpx016](https://doi.org/10.1093/forestry/cpx016)

Pearse, GD, Morgenroth, JA, Watt, MS, Dash JP, 2017. Optimising prediction of forest leaf area index from discrete airborne lidar. *Remote Sensing of Environment* 200 Pages 220–239.

<https://doi.org/10.1016/j.rse.2017.08.002>

Thumm, A., & Riddell, M. (2017). Resin defect detection in appearance lumber using 2D NIR spectroscopy. [European Journal of Wood and Wood Products](https://doi.org/10.1016/j.ejw.2017.08.002), 1-8.

Watt MS, Kimberley MO, Dash J, Harrison D. 2017. Spatial prediction of optimal final stand density for even age plantation forests using productivity indices. [Canadian Journal of Forest Research 47](https://doi.org/10.1016/j.cjfor.2017.08.002), 527-535.

Yongjun L, Suontama M, Burdon R, Dungey H. April 2017 accepted. Genotype by environment interactions in forest tree breeding: review of methodology 1 and perspectives on research and application. [Tree Genetics and Genomes 13](https://doi.org/10.1016/j.tg.2017.08.002) (3).