

# THAPBI Project Publications

## PROTREE :

- Substantial heritable variation for susceptibility to Dothistroma needle blight within populations of native British Scots pine (*Pinus sylvestris*). Perry A., Wachowiak W., Brown A., Ennos R.A., Cottrell J.E., Cavers S., (2016) Plant Pathology. DOI: [10.1111/ppa.12528](https://doi.org/10.1111/ppa.12528)
- Has Scots pine (*Pinus sylvestris*) co-evolved with Dothistroma septosporum in Scotland? Evidence for spatial heterogeneity in the susceptibility of native provenances. Perry A, Brown A, Cavers S, Cottrell J, Ennos R (2016) Evolutionary Applications DOI: [10.1111/eva.12395](https://doi.org/10.1111/eva.12395)

## BIPESCO :

- Entomopathogenic Fungi: New Insights into Host-Pathogen Interactions T.M. Butt, C.J. Coates, I.M. Dubovskiy and N.A. Ratcliffe,
- Advances in Genetics, (In Press) Volume 94 [http://dx.doi.org/10.1016/bs.adgen.2016.01.006](https://doi.org/10.1016/bs.adgen.2016.01.006)
- Immuno-physiological adaptations confer wax moth *Galleria mellonella* resistance to *Bacillus thuringiensis*. Ivan M. Dubovskiy, Ekaterina V. Grizanov, Whitten M.M.A. Miranda, Krishnendu Mukherjee, Carolyn Greig, Tatiana Alikina, Marsel Kabilov, Andreas Vilcinskas, Viktor V. Glupov, Tariq M. Butt . (In press) Virulence. DOI: [10.1080/21505594.2016.1164367](https://doi.org/10.1080/21505594.2016.1164367)

## FOREMOD :

- Macpherson, Morag F., Adam Kleczkowski, John R. Healey, Christopher P. Quine and Nick Hanley. (2017) The Effects of Invasive Pests and Diseases on Strategies for Forest Diversification Ecological Modelling 350:87-99 (DOI:10.1016/j.ecolmodel.2017.02.003 <<http://www.sciencedirect.com/science/article/pii/S0304380016303726>> )
- Oleg Sheremet, John R. Healey, Christopher P. Quine and Nick Hanley. Public Preferences and Willingness to Pay for Forest Disease Control in the UK (2017) Journal of Agricultural Economics (DOI:10.1111/1477-9552.12210 <<http://onlinelibrary.wiley.com/doi/10.1111/1477-9552.12210/full>> )
- Macpherson, M.F., Kleczkowski, A., Healey, J.R., and Hanley N. (2017) Payment for multiple forest benefits alters the effect of tree disease on optimal forest rotation length Ecological Economics 134:82-94 (DOI:10.1016/j.ecolecon.2017.01.008 <<http://www.sciencedirect.com/science/article/pii/S0921800916308722>> )
- Macpherson, M.F., Kleczkowski, A., Healey, J.R., and Hanley N. (2016) The effects of disease on optimal forest rotation: a generalisable analytical framework Environmental and Resource Economics (DOI:10.1007/s10640-016-0077-4 <<http://link.springer.com/article/10.1007%2Fs10640-016-0077-4>> )

## UNPICK :

- John Fellenor, Julie Barnett, Clive Potter, Julie Urquhart, J.D. Mumford & C.P. Quine (2017) The social amplification of risk on Twitter: the case of ash dieback disease in the United Kingdom, Journal of Risk Research [http://dx.doi.org/10.1080/13669877.2017.1281339](https://doi.org/10.1080/13669877.2017.1281339)

## Detection of pests and pathogens:

- Mumford, R (2017) The Biosecurity front line (in press: The Biologist)