



PUBLISHED PAPERS ON PITCH CANKER RESEARCH FROM FABI

1. Gordon TR, Swett CL, [Wingfield MJ](#). (2015) Management of *Fusarium* diseases affecting conifers. *Crop Protection* [10.1016/j.cropro.2015.02.018](#)
2. [Herron DA](#), [Wingfield MJ](#), [Wingfield BD](#), Rodas CA, [Marincowitz S](#), [Steenkamp ET](#). (2015) Novel taxa in the *Fusarium fujikuroi* species complex from *Pinus* spp.. *Studies in Mycology* **80**:131-150. [10.1016/j.simyco.2014.12.001](#) 
3. [Van der Nest MA](#), Beirn LA, Crouch JA, Demers JE, [De Beer ZW](#), [De Vos L](#), Gordon TR, Moncalvo JM, [Naidoo K](#), Sanchez-Ramirez S, [Roodt D](#), [Santana QC](#), [Slinks SL](#), Stata M, [Taerum SJ](#), [Wilken PM](#), [Wilson AM](#), [Wingfield MJ](#), [Wingfield BD](#). (2014) Draft genomes of *Amanita jacksonii*, *Ceratocystis albifundus*, *Fusarium circinatum*, *Hunttiella omanensis*, *Leptographium procerum*, *Rutstroemia sydowiana*, and *Sclerotinia echinophila*. *IMA Fungus* **5**(2):473-486. [10.5598/ima fungus.2014.05.02.11](#) 
4. [De Vos L](#), [Steenkamp ET](#), Martin SH, [Santana QC](#), [Fourie G](#), [Van der Merwe NA](#), [Wingfield MJ](#), [Wingfield BD](#). (2014) Genome-wide macrosynteny among *Fusarium* species in the *Gibberella fujikuroi* complex revealed by amplified fragment length polymorphisms. *PLoS ONE* **9**(12):e114682. [10.1371/journal.pone.0114682](#) 
5. Morris AR, [Fourie G](#), [Greyling I](#), [Steenkamp ET](#), Jones NB. (2014) Re-use of seedling containers and *Fusarium circinatum* association with asymptomatic *Pinus patula* planting stock. *Southern Forests: a Journal of Forest Science* **76**(3):177-187. [10.2989/20702620.2014.957491](#)
6. Swett CL, Porter B, [Fourie G](#), [Steenkamp ET](#), Gordon TR, [Wingfield MJ](#). (2014) Association of the pitch canker pathogen *Fusarium circinatum* with grass hosts in commercial pine production areas of South Africa. *Southern Forests: a Journal of Forest Science* **76**(3):161-166. [10.2989/20702620.2014.916087](#)
7. Jones NB, Ford CM, Light ME, Nadel RL, [Greyling I](#), [Fourie G](#), [Wingfield MJ](#), Morris AR. (2014) Effect on nursery and field performance of *Pinus patula* seedlings after inoculation with *Fusarium circinatum*. *Southern Forests* **76**(3):125-136. [10.2989/20702620.2014.916503](#) 
8. [Fourie G](#), [Wingfield MJ](#), [Wingfield BD](#), Jones NB, Morris AR, [Steenkamp ET](#). (2014) Culture-independent detection and quantification of *Fusarium circinatum* in a pine-producing seedling nursery. *Southern Forests* **76**(3):137-143. [10.2989/20702620.2014.899058](#)
9. Mitchell RG, [Wingfield MJ](#), [Steenkamp ET](#), [Roux J](#), [Verryn S](#), [Coutinho TA](#). (2014) Comparison of the tolerance of *Pinus patula* seedlings and established trees to infection by *Fusarium circinatum*. *Southern Forests* **76**(3):151-159. [10.2989/20702620.2014.899061](#)
10. [Steenkamp ET](#), [Makhari OM](#), [Coutinho TA](#), [Wingfield BD](#), [Wingfield MJ](#). (2014) Evidence for a new introduction of the pitch canker fungus *Fusarium circinatum* in South Africa. *Plant Pathology* **63**(3):530-538. [10.1111/ppa.12136](#) 
11. [Fitza K](#), Payn KG, [Steenkamp ET](#), [Myburg AA](#), [Naidoo S](#). (2013) Chitosan application improves resistance to *Fusarium circinatum* in *Pinus patula*. *South African Journal of Botany* **85**:70-78.
12. [De Vos L](#), [van der Merwe NA](#), [Wingfield MJ](#), [Myburg AA](#), [Wingfield BD](#). (2013) Transmission ratio distortion in an interspecific cross between *Fusarium circinatum* and *Fusarium subglutinans*. *Genes and Genomics* **35**:1-7. [10.1007/s13258-013-0066-8](#) 
13. [Fourie G](#), [van der Merwe NA](#), [Wingfield BD](#), Bogale M, Tudzynski B, [Wingfield MJ](#), [Steenkamp ET](#). (2013) Evidence for inter-specific recombination among the mitochondrial genomes of *Fusarium* species in the *Gibberella fujikuroi* complex. *BMC Genomics* **14**:605. [10.1186/1471-2164-14-605](#) 
14. Mitchell RG, [Wingfield MJ](#), Hodge GR, [Steenkamp ET](#), [Coutinho TA](#). (2013) The tolerance of *Pinus patula* × *Pinus tecunumanii*, and other pine hybrids, to *Fusarium circinatum* in greenhouse trials. *New Forests* **44**:443-456. [10.1007/s11056-012-9355-3](#) 
15. Mitchell RG, [Wingfield MJ](#), [Steenkamp ET](#), [Coutinho TA](#). (2012) Tolerance of *Pinus patula* full-sib families to *Fusarium circinatum* in a greenhouse study. *Southern Forests* **74**:247-252. [10.2989/20702620.2012.741788](#) 
16. Mitchell RG, [Coutinho TA](#), [Steenkamp E](#), Herbert M, [Wingfield MJ](#). (2012) Future outlook for *Pinus patula* in South Africa in the presence of the pitch canker fungus (*Fusarium circinatum*). *Southern Forests* **74**:203-210. [10.2989/20702620.2012.741792](#) 
17. [Steenkamp ET](#), Rodas CA, Kvas M, [Wingfield MJ](#). (2012) *Fusarium circinatum* and pitch canker of *Pinus* in Colombia. *Australasian Plant Pathology* **41**:483-491. [10.1007/s13313-012-0120-z](#) 
18. [De Vos L](#), [van der Nest MA](#), [van der Merwe NA](#), [Myburg AA](#), [Wingfield MJ](#), [Wingfield BD](#). (2011) Genetic analysis of growth, morphology and pathogenicity in the F1 progeny of an interspecific cross between *Fusarium circinatum* and *Fusarium subglutinans*. *Fungal Biology* **115**(9):902-908. [10.1016/j.funbio.2011.07.003](#) 
19. Iturriza E, Ganley RJ, Wright J, Heppe E, [Steenkamp ET](#), Gordon TR, [Wingfield MJ](#). (2011) A genetically homogenous population of *Fusarium circinatum* causes pitch canker of *Pinus radiata* in the Basque Country, Spain. *Fungal Biology* **115**:288-295. [10.1016/j.funbio.2010.12.014](#) 
20. Martin SH, [Wingfield BD](#), [Wingfield MJ](#), [Steenkamp ET](#). (2011) Structure and evolution of the *Fusarium* mating type locus: New insights from the *Gibberella fujikuroi* complex. *Fungal Genetics and Biology* **48**(7):731-740.

- [10.1016/j.fgb.2011.03.005](https://doi.org/10.1016/j.fgb.2011.03.005) 
21. Mitchell RG, [Steenkamp ET](#), [Coutinho TA](#), [Wingfield MJ](#). (2011) **The pitch canker fungus, *Fusarium circinatum*: Implications for South African forestry.** *Southern Forests* **73**(1):1-13. [10.2989/20702620.2011.574828](https://doi.org/10.2989/20702620.2011.574828) 
 22. Kvas M, Marasas WFO, [Wingfield BD](#), [Wingfield MJ](#), [Steenkamp ET](#). (2009) **Diversity and evolution of *Fusarium* species in the *Gibberella fujikuroi* complex.** *Fungal Diversity* **34**:1-21. 
 23. Porter B, [Wingfield MJ](#), [Coutinho TA](#). (2009) **Susceptibility of South African native conifers to the pitch canker pathogen, *Fusarium circinatum*.** *South African Journal of Botany* **75**(2):380-382. [10.1016/j.sajb.2008.11.003](https://doi.org/10.1016/j.sajb.2008.11.003) 
 24. [Wingfield MJ](#), Hammerbacher A, Ganley RJ, [Steenkamp ET](#), Gordon TR, [Wingfield BD](#), [Coutinho TA](#). (2008) **Pitch canker caused by *Fusarium circinatum* - A growing threat to pine plantations and forests worldwide.** *Australasian Plant Pathology* **37**(4):319-334. [10.1071/AP08036](https://doi.org/10.1071/AP08036) 
 25. [De Vos L](#), [Myburg AA](#), [Wingfield MJ](#), Desjardins AE, Gordon TR, [Wingfield BD](#). (2007) **Complete genetic linkage maps from an interspecific cross between *Fusarium circinatum* and *Fusarium subglutinans*.** *Fungal Genetics and Biology* **44**(8):701-714. [10.1016/j.fgb.2007.02.007](https://doi.org/10.1016/j.fgb.2007.02.007) 
 26. Jacobs A, [Coutinho TA](#), [Wingfield MJ](#), Ahumada R, [Wingfield BD](#). (2007) **Characterization of the pitch canker fungus, *Fusarium circinatum*, from Chile.** *South African Journal of Science* **103**:253-257. 
 27. [Roux J](#), Eisenberg B, [Wingfield MJ](#), Kanzler A, Nel A, Coetzee V, Kietzka E. (2007) **Testing of selected South African *Pinus* hybrids and families for tolerance to the pitch canker pathogen, *Fusarium circinatum*.** *New Forests* **33**(2):109-123. [10.1007/s11056-006-9017-4](https://doi.org/10.1007/s11056-006-9017-4) 
 28. Britz H, [Wingfield BD](#), [Coutinho TA](#), [Wingfield MJ](#). (2002) **Sequence characterized amplified polymorphic markers for the pitch canker pathogen, *Fusarium circinatum*.** *Molecular Ecology Notes* **2**(4):577-580. [10.1046/j.1471-8286.2002.00324.x](https://doi.org/10.1046/j.1471-8286.2002.00324.x) 
 29. Britz H, [Coutinho TA](#), [Wingfield MJ](#), Marasas WFO. (2002) **Validation of the description of *Gibberella circinata* and morphological differentiation of the anamorph *Fusarium circinatum*.** *Sydowia* **54**(1):9-22. 
 30. [Wingfield MJ](#), Jacobs A, [Coutinho TA](#), Ahumada R, [Wingfield BD](#). (2002) **First report of the pitch canker fungus, *Fusarium circinatum*, on pines in Chile.** *Plant Pathology* **51**(3):397. [10.1046/j.1365-3059.2002.00710.x](https://doi.org/10.1046/j.1365-3059.2002.00710.x) 
 31. Britz H, Coutinho TA, Gordon TR, [Wingfield MJ](#). (2001) **Characterisation of the pitch canker fungus, *Fusarium circinatum*, from Mexico.** *South African Journal of Botany* **67**(4):609-614. 
 32. Chimwamurombe PM, [Wingfield BD](#), Botha AM, [Wingfield MJ](#). (2001) **Cloning and sequence analysis of the endopolygalacturonase gene from the pitch canker fungus, *Fusarium circinatum*.** *Current Microbiology* **42**(5):350-352. [10.1007/s002840010228](https://doi.org/10.1007/s002840010228) 
 33. Wikler K, Gordon TR, Clark SL, [Wingfield MJ](#), Britz H. (2000) **Potential for outcrossing in an apparently asexual population of *Fusarium circinatum*, the causal agent of pitch canker disease.** *Mycologia* **92**(6):1085-1090. 
 34. Viljoen A, [Wingfield MJ](#), Marasas WFO, [Coutinho TA](#). (1995) **Characterization of *Fusarium* isolates from gladiolus corms pathogenic to pines.** *Plant Disease* **79**(12):1240-1244. 
 35. Viljoen A, [Wingfield MJ](#), Kemp GH, Marasas WF. (1995) **Susceptibility of pines in South Africa to the pitch canker fungus *Fusarium subglutinans* f. sp. *pini*.** *Plant Pathology* **44**(5):877-882. 
 36. Viljoen A, [Wingfield MJ](#), Marasas WFO. (1994) **First report of *Fusarium subglutinans* f. sp. *pini* on pine seedlings in South Africa.** *Plant Disease* **78**(3):309-312. 