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SCHOLARLY PUBLICATIONS AND CREATIVE ACHIEVEMENTS

ARTICLES (in refereed journals):

Keirle MR, Avis PG, Mueller G, Hemmes D. 2011. "Variability in the IGS1 region of *Rhodocollybia laulaha*: is it allelic, genomic, or artificial?" *Fungal Biology* (2011), doi:10.1016/j.funbio.2011.01.002

Avis P.G., Branco S., Tang Y., Mueller, G. 2010. "Pooled samples bias fungal community descriptions." *Molecular Ecology Resources* 10:135-141.

Jeri L. Parrent, Kabir Peay, A. Elizabeth Arnold, Louise H. Comas, Peter Avis, Amy Tuininga. 2010. "Moving from pattern to process in fungal symbioses: Linking functional traits, community ecology, and phylogenetics." *New Phytologist* 185:882-886.

Keirle, M.R., Avis, P.G., Desjardin, D.E., Hemmes, D.E., Mueller, G.M. 2010. "Geographic origins and phylogenetic affinities of the only putative Hawaiian endemic." *Rhodocollybia* Mycotaxon 112:463-473.

Avis P.G., G.M. Mueller and J. Lussenhop. 2008. Ectomycorrhizal fungal communities in two North American oak forests respond to nitrogen addition. *New Phytologist* 179:472-483.

Avis P.G., Foster S. and Olexia P.D. 2008 Arbuscular mycorrhizal fungal root colonization and inoculum propagules in deciduous floodplain forests of southwestern Michigan, USA. *The Michigan Botanist* 46:121-128.

Avis P.G., I.A. Dickie, and G.M. Mueller. 2006. A "dirty" business: Testing the limitations of terminal restriction fragment length polymorphism (TRFLP) analysis of soil fungi. *Molecular Ecology* 15:873-882.

Avis P.G. and Feldheim K. A. 2005. A method to size DNA fragments from 50 to 800 base pairs on a DNA analyzer. *Molecular Ecology Notes* 5:969-970

Avis P.G. and I. D. Charvat. 2005. The response of ectomycorrhizal fungal inoculum to long-term increases in nitrogen supply. *Mycologia* 97(2): 329-337.

Avis, P.G., McLaughlin D.J., Dentinger B.C., and Reich P.B. 2003. Long-term increase in nitrogen supply alters above and below ground ectomycorrhizal communities and increases the dominance of *Russula* spp. in a temperate oak savanna. *New Phytologist* 160: 239-253.

Dickie I.D., Avis P.G., Reich P.B., and McLaughlin D.J. 2003. GERM: Good Enough RFLP Matching Program. *Mycorrhiza* 13:171-172.

Corbin J.C., Avis P.G., and Wilbur R. 2003. Effect of phosphorus addition on nitrogen cycling and arbuscular mycorrhizal inoculum potential in a nitrogen limited forest ecosystem. *Environmental Air, Water and Soil Pollution* 147:141-161.

Avis, P.G. 1997. The forest typology of Latvia: An overview and comparison. *Proceedings of the Latvian Academy of Sciences. Sec. B, Vol. 51, No. 4*:137-141.

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