

Pilzökologie 08-2010

ARTIKEL	KEYWORDS
BÄSSLER, C., MÜLLER, J., DZIOCK, F. & R. BRANDL (2010): Effects of resource availability and climate on the diversity of wood-decaying fungi. <i>Journal of Ecology</i> 98, 822–832	community composition; cross-validated fit; dead wood; decomposers; forests; low mountain range; species density; species richness; wood-rotting fungi
BOOTH, M.G., & J.D. HOEKSEMA (2010): Mycorrhizal networks counteract competitive effects of canopy trees on seedling survival. <i>Ecology</i> . 91, 2294—2302	common mycorrhizal network, ectomycorrhizal fungi, local adaptation, Monterey pine forest (California USA), <i>Pinus radiata</i> , seedling growth cf. seedling survival
DICKIE, I. A., BOLSTRIDGE, N., COOPER, J. A. & D. A. PELTZER, (2010): Co-invasion by <i>Pinus</i> and its mycorrhizal fungi. <i>New Phytologist</i> , 18, 475–484	ectomycorrhiza; endophytes; enemy escape; invasive species; mutualisms; <i>Nothofagus solandri var. cliffortioides</i> ; <i>Pinus contorta</i>
FISCHER, M.W.F., STOLZE-RYBCZYNSKI, J.L., CUI, Y. & N.P. MONEY (2010): How far and how fast can mushroom spores fly? Physical limits on ballistospore size and discharge distance in the Basidiomycota. <i>Fungal Biology</i> , 114/8, 669-675	Adaptive significance; Basidiome; Basidiospore; Biomechanics; Spore discharge
HÖGGER, M. N., BRIONES, M. J. I., KEEL, S. G., METCALFE, D. B., CAMPBELL, C., MIDWOOD, A. J., THORNTON, B., HURRY, V., LINDER, S., NÄSHOLM, T. & P. HÖGGER (2010): Quantification of effects of season and nitrogen supply on tree below-ground carbon transfer to ectomycorrhizal fungi and other soil organisms in a boreal pine forest. <i>New Phytologist</i> , 187, 485–493	boreal pine forest; ¹³ C CO ₂ labelling; ectomycorrhizal (ECM) fungi; nitrogen availability; seasonality; soil animals; soil CO ₂ efflux; soil microbial Leukoplast
KENNEDY, P. (2010), Ectomycorrhizal fungi and interspecific competition: species interactions, community structure, coexistence mechanisms, and future research directions. <i>New Phytologist</i> , 187: 895–910.	community structure; ectomycorrhizal fungi; interspecific competition; microbial ecology; species coexistence; symbiosis
LIM, S.R. (2010): Forest stand type and ectomycorrhizal fungal communities of western hemlock on northern Vancouver Island, Canada. Thesis, University of British Columbia, Vancouver	Ektomykorrhiza, Biodiversität, Fruchtkörper, Mykorrhizen, Pilzgesellschaft
NEWBOUND, M., MCCARTHY, M. & T. LEBEL (2010): Phenology of epigeous macrofungi found in red gum woodlands. <i>Fungal Biology</i> 114/2-3, 171-178	Großpilze, Phänologie, Vorhersagemodell
OLSSON, J. & B.G. JONSSON (2010): Restoration fire and wood-inhabiting fungi in a Swedish <i>Pinus sylvestris</i> forest. <i>Forest Ecology and Management</i> 259/10, 1971-1980	Wald, Holzpilze, Feuer, Störung, Biodiversität, Totholz

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<p>ORIA-DE-RUEDA, J.A., HERNANDEZ-RODRIGUEZ, M., MARTIN-PINTO, P., PANDO, V. & J. OLAIZOLA (2010): Could artificial reforestations provide as much production and diversity of fungal species as natural forest stands in marginal Mediterranean areas? <i>Forest Ecology and Management</i> 260/2, 171-180</p>	<p>Pilze, Wiederaufforstung, Diversität, Produktivität, mediterrane Ökosysteme</p>
<p>PICKLES, B.J., GENNEY, D.R., POTTS, J.M., LENNON, J.J. & ANDERSON, I.C. & I.J. ALEXANDER (2010): Spatial and temporal ecology of Scots pine ectomycorrhizas. <i>New Phytologist</i> 186/3, 755-768</p>	<p>EM-Gemeinschaft, Diversität, Kiefer, Flächenverteilung, Autokorrelation</p>
<p>PINNA, S., GEVRY, M.-F., COTE, M. & L. SIROIS (2010): Factors influencing fructification phenology of edible mushrooms in a boreal mixed forest of Eastern Canada, <i>Forest Ecology and Management</i>, 260/3, 294-301</p>	<p>Edible mushrooms; Phenology; Forest stand; Soil conditions; Cold-shock</p>
<p>SIKES, B.A., POWELL, J.R. & M.C. RILLIG (2010): Deciphering the relative contributions of multiple functions within plant–microbe symbioses. <i>Ecology</i> 91, 1591—1597</p>	<p>arbuscular mycorrhizal fungi, microbial symbiosis, multifunctionality, mycorrhizal dependency, net effects, nutrient uptake, pathogen protection</p>
<p>VAN DER HEIJDEN, M.G.A. (2010): Mycorrhizal fungi reduce nutrient loss from model grassland ecosystems. <i>Ecology</i> 91:4, 1163-1171</p>	<p>VA-Mykorrhiza, Ökosystem, Stabilität, Mikroorganismen, Stickstoff, Nährstoffe, Symbiose</p>
<p>WALLANDER, H., JOHANSSON, U., STERKENBURG, E., BRANDSTRÖM DURLING, M. & B. D. LINDAHL (2010): Production of ectomycorrhizal mycelium peaks during canopy closure in Norway spruce forests. <i>New Phytologist</i>, 187, 1124–1134</p>	<p>454 sequencing; chronosequence; ectomycorrhiza; ergosterol; external mycelia</p>