

Assistant Professor of Plant Ecology
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EDUCATION

Ph.D. Forest Ecology, University of Minnesota, St. Paul, MN, 2001.
Co-advisors: Peter B. Reich, Lee E. Frelich

Dipl. Eng. Forestry / Landscape Ecology, Technical University in Zvolen, Slovakia, 1993.

PROFESSIONAL EXPERIENCE

Assistant Professor of Plant Ecology, 2007-present
State University of New York, College of Environmental Science & Forestry,
Department of Environmental & Forest Biology, Syracuse, NY, USA

Research Scientist, 2004-2007
University of Washington, College of Forest Resources, Seattle, WA, USA

European Science Foundation Fellow (LINKECOL), 2003-2004
Swiss Federal Institute of Technology (ETH), Zurich, Switzerland

Research Scientist, 2001-2004
Technical University in Zvolen, Department of Applied Ecology, Banská Štiavnica, Slovakia

Research Assistant, Dissertation Fellow, CEU Fellow, 1995-2001
Department of Forest Resources, University of Minnesota, St. Paul, MN

Environmental Training Project Fellow, 1994-1995
Hubert H. Humphrey Institute of Public Affairs, Minneapolis, MN

International Cooperation Specialist, 1993-1994
Slovak Environmental Agency, Banská Bystrica, Slovakia

SELECTED PAPERS IN REFEREED JOURNALS

Dovčiak M, Hrivnák R, Ujházy K, and Gömöry D. 2008. Seed rain and environmental controls on invasion of *Picea abies* into grassland. Plant Ecology 194: 135-148.

Wiezik M, Svitok M, **Dovčiak M**. 2007. Conifer introductions decrease richness and alter composition of litter-dwelling beetles (Coleoptera) in Carpathian oak forests. Forest Ecology and Management 247: 61-71.

Dovčiak M, Halpern CB, Saracco JF, Evans SA, and Liguori DA. 2006. Persistence of ground-layer bryophytes in a structural-retention experiment: initial effects of level and pattern of overstory retention. Canadian Journal of Forest Research 36: 3039-3052.

Dovčiak M, Frelich LE, and Reich PB. 2005. Pathways in old-field succession to white pine: seed rain, shade, and climate effects. Ecological Monographs 75: 363-378.

Dovčiak M, Reich PB, and Frelich LE. 2003. Seed rain, safe sites, competing vegetation, and soil resources spatially structure white pine (*Pinus strobus* L.) regeneration and recruitment. Canadian Journal of Forest Research 33: 1892-1904.

Dovčiak M, Frelich LE, and Reich PB. 2001. Discordance in spatial patterns of white pine (*Pinus strobus*) size-classes in a patchy near-boreal forest. Journal of Ecology 89: 280-291.

BOOKS & MONOGRAPHS

- Gömöry D, **Dovčiak M**, Gömöryová E, Hrivnák R, Janišová M, Ujházy K. 2006. Demecological, synecological and genetic aspects of the colonization of abandoned pastures and meadows by forest trees. *Vedecké Štúdie*, Technical University Zvolen, Slovakia, 93 pages. (In Slovak).
- Perry J, Tichý J, Imbert JB, Sudmeier-Rieux K, **Dovčiak M**, Maloveský M, Baranyi A. 2001. Ecosystem management in Central and Eastern Europe: Decision-taking for the future. E. Vanderklein (ed.), Bang Printing, Brainerd, MN, 293 pages.

GRANTS AWARDED (Total awards >\$260,000)

- USDA Forest Service – Northeastern States Research Cooperative. 2008-2009, with C. Beier *et al.* (\$45,154).
Tyson fellowship in conservation biology, Washington Univ., St. Louis, MO. 2004 (\$73,000; declined).
European Science Foundation, LINKECOL Program, Strasbourg, France. 2003-2004 (\$13,000).
Man and Biosphere Program, UNESCO, Paris, France. 2002-2003 (\$4,300).
Slovak Grant Agency for Science, Bratislava, Slovakia. 2003-2005, with D. Gömöry *et al.* (\$24,000).
Slovak Grant Agency for Science, Bratislava, Slovakia. 2003-2005, with R. Midriak *et al.* (\$35,300).
Slovak Grant Agency for Science, Bratislava, Slovakia. 2003-2005, with I. Vološčuk *et al.* (\$27,500).
Doctoral Dissertation Fellowship, University of Minnesota, St. Paul, MN. 1998-1999 (\$12,600).
CEU Fellowship, Central European University, Budapest, Hungary. 1995-1996 (\$20,000).
ETP Fellowship, University of Minnesota, Minneapolis, MN. 1994-1995 (\$11,000).

EXTERNAL COLLABORATORS & SYNERGIES

Charles B. Halpern (Univ. of Washington, Andrews LTER Program, USDA Forest Service DEMO project); Peter B. Reich (Univ. of Minnesota, Cedar Creek Ecosystem Science Reserve, Hubachek Wilderness Research Center); Lee E. Frelich (Center for Hardwood Ecology, Univ. of Minnesota); Harald Bugmann (Swiss Federal Institute of Technology, Mountain Research Initiative); Greg Lawrence (USGS); Dušan Gömöry, Ladislav Paule, Karol Ujházy, Michal Wiezik (Technical University in Zvolen, Slovakia); Richard Hrivnák, Monika Janišová (Institute of Botany, Slovak Academy of Science, Slovakia).

COURSES TAUGHT

Plant Ecology, Systematic Botany, Natural Resource Management, Landscape Ecology, Foundations of Ecology

SELECTED PROFESSIONAL SERVICE

Chair, Committee for Robert Burgess Graduate Scholarship in Ecology, Dept. of Environmental & Forest Biology, State University of New York, Syracuse, NY

Reviewer for journals:

Ecological Applications, Journal of Ecology, Journal of Applied Ecology, Journal of Vegetation Science, Plant Ecology, Diversity and Distributions, Biological Invasions, Canadian Journal of Forest Research, Forest Ecology and Management, Forest Science, Annals of Forest Science, Botanical Bulletin of Academia Sinica, Natural Areas Journal

Reviewer for funding agencies:

USDA Forest Service, PSW Research Station & Tahoe Science Consortium
Royal Society of New Zealand, Marsden Fund- Ecology, Evolution & Behaviour Panel (New Zealand)
European Union INTAS program (Brussels, Belgium)
European Union SEE-ERA.NET project (Vienna, Austria)
Grant Agency of the Academy of Sciences of the Czech Republic (Prague, Czech Republic)