

## PEER-REVIEWED PUBLICATIONS IN INTERNATIONAL JOURNALS

## 2012 and in press

- 84 Leinemann, L., Steiner, W., Hosius, B., Kuchma, O., Arenhövel, W., Fussi, B., Haase, B., Kätzel, R., Rogge, M., **Finkeldey, R.** (in press) Genetic variation of chloroplast and nuclear markers in natural populations of hazelnut (*Coryllus avellana* L.) in Germany. *Plant Systematics and Evolution*: in press
- 83 Vidalis, A., Curtu, L., **Finkeldey, R.** (in press) Novel SNP development and analysis at a NADP+ specific IDH enzyme gene in a four-species mixed oak forest. *Plant Biology*: in press
- 82 Perović, K., Prinz, K., **Finkeldey, R.**, Cvjetičanin, R. (in press) Genetic variation of Greek marple (*Acer heldreichii* Orph.) populations in Western Balkan region. *Allgemeine Forst- und Jagdzeitung*: in press
- 81 Landergott, U., Gugerli, F., Hoebee, S.E., **Finkeldey, R.**, Holderegger, R. (in press) Effects of seed mass on seedling height and competition in European white oaks. *Flora*: <http://dx.doi.org/10.1016/j.flora.2012.09.001>
- 80 Seifert, S., Vornam, B., **Finkeldey, R.** (2012) DNA sequence variation and development of SNP markers in beech (*Fagus sylvatica* L.). *European Journal of Forest Research* 131: 1761 - 1770
- 79 Seifert, S., Vornam, B., **Finkeldey, R.** (2012) A set of 17 single nucleotide polymorphism (SNP) markers for European beech (*Fagus sylvatica* L.). *Conservation Genetics Resources* 4: 1045-1047
- 78 Barrandeguy, M.E., Prinz, K., Gracia, M.V., **Finkeldey, R.** (2012) Development of microsatellite markers for *Anadenanthera colubrina* var. *cebil* (Fabaceae), a native tree from South America. *American Journal of Botany* 99: e372-374
- 77 Iwanaga, H., Teshima, K.M., Khatab, I.A., Inomata, N., **Finkeldey R.**, Siregar, I.Z., Siregar, U.J., Szmidt, A.E. (2012) Population structure and demographic history of a tropical lowland rainforest tree species *Shorea parvifolia* (Dipterocarpaceae) from Southeastern Asia. *Ecology and Evolution* 2: 1663-1675
- 76 Pandey, M., Gailing, O., Hattemer, H.H., **Finkeldey R.** (2012) Fine-scale spatial genetic structure of sycamore maple (*Acer pseudoplatanus* L.). *European Journal of Forest Research* 131: 739-746
- 75 Vornam, B., Arkhipov, A., **Finkeldey, R.** (2012) Nucleotide diversity and gene expression of Catalase and Glutathione peroxidase in irradiated Scots pine (*Pinus sylvestris* L.) from the Chernobyl exclusion zone. *Journal of Environmental Radioactivity* 106: 20-26

## 2011

- 74 Vornam, B., Gailing, O., Derory, J., Plomion, C., Kremer, A., **Finkeldey, R.** (2011) Characterization and natural variation of a dehydrin gene in *Quercus petraea* (Matt.) Liebl. *Plant Biology* 13: 881-887
- 73 Kuchma, O., Vornam, B., **Finkeldey, R.** (2011) Mutation rates in Scots pine (*Pinus sylvestris* L.) from the Chernobyl exclusion zone evaluated with amplified fragment-length polymorphisms (AFLPs) and microsatellite markers. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis* 725: 29-35
- 72 Demissew S., Gailing, O., Eliades, N.G., **Finkeldey, R.** (2011) Anthropogenic and natural causes influencing population genetic structure of *Juniperus procera* Hochst. ex Endl. in the Ethiopian highlands. *Genetic Resources and Crop Evolution* 58: 849-859
- 71 Eliades, N., Gailing, O., Leinemann, L., Fady, B., **Finkeldey, R.** (2011) High genetic diversity and significant population structure in *Cedrus brevifolia* Henry, a narrow Mediterranean endemic tree from Cyprus. *Plant Systematics and Evolution* 294: 185-198
- 70 Kuchma, O., **Finkeldey, R.** (2011) Evidence for selection in response to radiation exposure: *Pinus sylvestris* in the Chernobyl exclusion zone. *Environmental Pollution* 159: 1606-1612

- 69 Derero, A., Gailing, O., **Finkeldey, R.** (2011). Maintenance of genetic diversity in *Cordia africana* Lam., a declining forest tree species in Ethiopia. *Tree Genetics and Genomes* **7**: 1-9
- 68 Ekué, M.R.M., Gailing, O., Vornam, B., **Finkeldey, R.** (2011) Assessment of the domestication state of ackee (*Blighia sapida* K.D. Koenig) in Benin based on AFLP and microsatellite markers. *Conservation Genetics* **12**: 475-489
- 67 Taye, B.A., Gailing, O., **Finkeldey, R.** (2011). Assessment and integration of genetic, morphological and demographic variation in *Hagenia abyssinica* (Bruce) J.F. Gmel to guide its conservation. *Journal for Nature Conservation* **19**: 8-17
- 66 Tsumura, Y., Kado, T., Yoshida, K., Abe, H., Ohtani, M., Taguchi, M., Fukue, Y., Tani, N., Ueno, S., Yoshimura, K., Kamiya, K., Harada, K., Takeuchi, Y., Diway, B., **Finkeldey, R.**, Na'iem, M., Indrioko, S., Ng, K.K.S., Muhammad, N., Lee, S.L. (2011). Molecular database for classifying *Shorea* species (Dipterocarpaceae) and techniques for checking the legitimacy of timber and wood products. *Journal of Plant Research* **124**: 35-48
- 65 Kleemann, F., von Fragstein und Niemsdorff, M., Vornam, B., Müller, A., Leuschner, C., Holzschuh, A., Tschardtke, T., **Finkeldey, R.**, Polle, A. (2011) Relating ecologically important tree traits to associated organisms in full-sib aspen families. *European Journal of Forest Research* **130**: 707-716
- 2010**
- 64 Nuroniah, H.S., Gailing, O., **Finkeldey, R.** (2010). Development of SCAR markers for species identification in the genus *Shorea* (Dipterocarpaceae). *Silvae Genetica* **59**: 249-256
- 63 Lang, C., Dolynska, A., **Finkeldey, R.**, Polle, A. (2010) Are beech roots territorial? *Forest Ecology and Management* **216**: 1212 – 1217
- 62 Akinngbe, A., Gailing, O., **Finkeldey, R.** (2010) Genetic diversity of *Mansonia altissima* A. Chev. under different regimes of human impact in the Acure Forest Reserve, Nigeria. *Forestry Studies in China* **12**: 193-200
- 61 Rana, R., Langenfeld-Heyser, R., **Finkeldey, R.**, Polle A. (2010). FTIR spectroscopy, chemical and histochemical characterization of wood and lignin of five tropical timber wood species of the family of Dipterocarpaceae. *Wood Science and Technology* **44**: 225-242
- 60 Ekué, M.R.M., Sinsin, B., Eyog-Matig, O., **Finkeldey, R.** (2010). Uses, traditional management, perception of variation and preferences in ackee (*Blighia sapida* K.D. Koenig) fruit traits in Benin: implications for domestication and conservation. *Journal of Ethnobiology and Ethnomedicine* **6**: 12
- 59 **Finkeldey, R.**, Leinemann, L., Gailing, O. (2010). Molecular genetic tools to infer the origin of forest plants and wood. *Applied Microbiology and Biotechnology* **85**: 1251-1258
- 2009**
- 58 Curtu, A.L., Gailing, O., **Finkeldey, R.** (2009). Patterns of contemporary hybridization inferred from paternity analysis in a four-oak-species forest. *BMC Evolutionary Biology* **9**: 284
- 57 Gailing, O., Wachter, H., Heyder, J., Rogge, M., **Finkeldey, R.** (2009) Chloroplast DNA analyses of very old, presumably autochthonous *Quercus robur* L. stands in North-Rhine Westphalia. *Allgemeine Forst- und Jagdzeitung* **180**: 221-227
- 56 Gailing, O., Vornam, B., Leinemann, L., **Finkeldey, R.** (2009) Genetic and genomic approaches to assess adaptive genetic variation in plants: forest trees as a model. *Physiologia Plantarum* **137**: 509-519
- 55 Ekué, M.R.M., Gailing, O., **Finkeldey, R.** (2009). Transferability of microsatellite markers developed in *Litchi chinensis* to *Blighia sapida* (Sapindaceae). *Plant Molecular Biology Reporter* **27**: 570-574
- 54 Gauli, A., Gailing, O., Stefenon, V.M., **Finkeldey, R.** (2009) Genetic similarity of natural populations and plantations of *Pinus roxburghii* Sarg. in Nepal. *Annals of Forest Science* **66**: 703

- 53 Taye, B.A., Gailing, O., Mohammed, U., **Finkeldey, R.** (2009) Chloroplast DNA haplotype diversity and postglacial recolonization of *Hagenia abyssinica* (Bruce) J.F. Gmel in Ethiopia. *Plant Systematics and Evolution*: **280**: 175-185
- 52 Cao, C.P., Gailing, O., Siregar, I.Z., Siregar, U., **Finkeldey, R.** (2009) Genetic variation in nine *Shorea* species revealed by AFLPs. *Tree Genetics and Genomes* **5**: 407-420
- 51 Rana, R., Langenfeld-Heyser, R., **Finkeldey, R.**, Polle, A. (2009) Functional anatomy of five endangered tropical timber wood species of the family Dipterocarpaceae. *Trees – Structure and Function* **23**: 521-529
- 50 Hatziskakis, S., Papageorgiou, A.C., Gailing, O., **Finkeldey, R.** (2009) High chloroplast haplotype diversity in Greek populations of beech (*Fagus sylvatica* L.). *Plant Biology* **11**: 425-433
- 49 Rachmayanti, Y., Leinemann, L., Gailing, O., **Finkeldey, R.** (2009) DNA from processed and unprocessed wood: factors influencing the isolation success. *Forensic Science International, Genetics* **3**: 185-192
- 2008**
- 48 Ekué, M.R.M., Gailing, O., Hölscher, D., Sinsin, B., **Finkeldey, R.** (2008). Population genetics of the cycad *Encephalartos barteri* ssp. *barteri* (Zamiaceae) in Benin with notes on leaflet morphology and implications for conservation. *Belgian Journal of Botany* **141**: 78-94
- 47 Gailing, O., Langenfeld-Heyser, R., Polle, A., **Finkeldey, R.** (2008). QTL loci affecting stomatal density and growth in a *Quercus robur* progeny: implications for the adaptation to changing environments. *Global Change Biology* **14**: 1934-1946
- 46 Papageorgiou, A.C., Vidalis, A., Gailing, O., Tsiripidis, I., Hatziskakis, S., Boutsios, S., Galatsidas, S., **Finkeldey, R.** (2008). Genetic variation of beech (*Fagus sylvatica*) in Rodopi (N.E. Greece). *European Journal of Forestry Research* **127**: 81-88
- 45 Stefenon, V.M., Gailing, O., **Finkeldey, R.** (2008). The role of gene flow in shaping genetic structures of the subtropical conifer species *Araucaria angustifolia*. *Plant Biology* **10**: 356-364
- 44 Stefenon, V.M., Behling, H., Gailing, O., **Finkeldey, R.** (2008) Evidences of delayed size recovery in *Araucaria angustifolia* populations after post-glacial colonization of highlands in Southeastern Brazil. *Annals of the Brazilian Academy of Sciences* **80**: 433-443
- 43 Stefenon, V.M., Gailing, O., **Finkeldey, R.** (2008). Genetic structure of plantations and the conservation of genetic resources of Brazilian pine (*Araucaria angustifolia*). *Forest Ecology and Management* **255**: 2718–2725
- 2007**
- 42 Curtu, A.L., Gailing, O., **Finkeldey, R.** (2007). Evidence for hybridization and introgression within a species-rich oak (*Quercus* spp.) community. *BMC Evolutionary Biology* **7**: 218
- 41 Curtu, A., Gailing, O., Leinemann, L., **Finkeldey, R.** (2007). Genetic variation and differentiation within a natural community of five oak species (*Quercus* spp.). *Plant Biology* **9**: 116-126
- 40 Gailing, O., Wachter, H., Schmitt, H.-P., Curtu, A.-L., **Finkeldey, R.** (2007). Characterization of different provenances of Slavonian pedunculate oaks (*Quercus robur* L.) in Münsterland (Germany) with chloroplast DNA markers: PCR-RFLPs and chloroplast microsatellites. *Allgemeine Forst- und Jagdzeitung* **178**: 85-90
- 39 Gailing, O., Wachter, H., Heyder, J., Schmitt, H.-P., **Finkeldey, R.** (2007). Chloroplast DNA analysis in oak stands (*Quercus robur* L.) in North Rhine-Westphalia with presumably Slavonian origin: Is there an association between geographic origin and bud phenology? *Journal of Applied Botany and Food Quality* **81**: 165-171
- 38 Gugerli, F., Walser, J.-C., Dounavi, K., Holderegger, R., **Finkeldey, R.** (2007). Coincidence of small-scale spatial discontinuities in leaf morphology and nuclear microsatellite variation of *Quercus petraea* and *Q. robur* in a mixed forest. *Annals of Botany* **99**: 713-722

- 37 Stefenon, V.M., Gailing, O., **Finkeldey, R.** (2007). Genetic structure of *Araucaria angustifolia* (Araucariaceae) populations in Brazil: the conservation of the species genetic resources. *Plant Biology* **9**: 516-525
- 2006**
- 36 Cao, C.P., **Finkeldey, R.**, Siregar, I.Z., Siregar U.J., Gailing, O. (2006). Genetic diversity within and among populations of *Shorea leprosula* Miq. and *Shorea parvifolia* Dyer (Dipterocarpaceae) in Indonesia detected by AFLPs. *Tree Genetics and Genomes* **2**: 225-239
- 35 Cao, C.P., Gailing, O., Siregar, I., Indrioko, S., **Finkeldey, R.** (2006). Genetic variation at AFLPs for the Dipterocarpaceae and its relation to molecular phylogenies and taxonomic subdivisions. *Journal of Plant Research* **119**: 553-558
- 34 Dučić T., Leinemann, L., **Finkeldey, R.**, Polle, A. (2006). Uptake and translocation of manganese in seedlings of two varieties of Douglas Fir (*Pseudotsuga menziesii* var. *viridis* and *glauca*). *New Phytologist* **170**: 11-20
- 33 Hoebee, S.E., Menn, C., Rotach, P., **Finkeldey, R.**, Holderegger, R. (2006). Spatial genetic structure of *Sorbus torminalis*: the extent of clonal reproduction in natural stands of a rare tree species with a scattered distribution. *Forest Ecology and Management* **226**: 1-8.
- 32 Indrioko, S., Gailing, O., **Finkeldey, R.** (2006). Molecular phylogeny of Dipterocarpaceae in Indonesia based on chloroplast DNA. *Plant Systematics and Evolution* **261**: 99-115
- 31 Luo, Z.W., Zhang, Z., Pandey, M., Gailing, O., Hattemer, H.H., and **Finkeldey, R.** (2006). Modeling population genetic data in autotetraploid species. *Genetics* **172**: 639-646
- 30 Rachmayanti, Y., Leinemann, L., Gailing, O., **Finkeldey, R.** (2006). Extraction, amplification and characterization of wood DNA from Dipterocarpaceae. *Plant Molecular Biology Reporter* **24**: 45-55
- 29 Stefenon, V.M., Gailing, O., **Finkeldey, R.** (2006). Phylogenetic relationship within genus *Araucaria* (Araucariaceae) assessed by means of AFLP fingerprints. *Silvae Genetica* **55**: 45-52
- 2005**
- 28 Gailing, O., Kremer, A., Steiner, W., Hattemer, H.H., and **Finkeldey, R.** (2005). Results on quantitative trait loci for flushing date in oaks can be transferred to different segregating progenies. *Plant Biology* **7**: 516-525
- 27 Holderegger, R., Angelone, S., Brodbeck, S., Csencsics, D., Gugerli, F., Hoebee, S.E., and **Finkeldey, R.** (2005). Application of a genetic marker set for the discrimination of pure European Black Poplar (*Populus nigra*) from American Black Poplar (*P. deltoides*) and Hybrid Poplars (*P. x euramericana*). *Trees - Structure and Function* **19**: 743-748
- 26 Lara-Gomez, G., Gailing, O., and **Finkeldey, R.** (2005). Genetic variation in isolated Mexican populations of the endemic maple *Acer skutchii* Rehd. *Allgemeine Forst- und Jagdzeitung* **176**: 97-103
- 25 Mottura, M.C., **Finkeldey, R.**, Verga, A.R., and Gailing, O. (2005). Development and characterization of microsatellite markers for *Prosopis chilensis* and *Prosopis flexuosa* and cross-species amplification. *Molecular Ecology Notes* **5**: 487-489
- 24 Nascimento de Souza, S., **Finkeldey, R.**, and Gailing, O. (2005). Experimental verification of microsatellite null alleles in Norway spruce (*Picea abies* (L.) Karst.) in population genetic analysis. *Plant Molecular Biology Reporter* **23**: 113-119
- 23 Papageorgiou, A.C., **Finkeldey, R.**, Hattemer, H.H., and Xenopoulos, S. (2005). Genetic differences between autochthonous and breeding populations of common cypress (*Cupressus sempervirens* L.) in Greece. *European Journal of Forest Research* **124**: 119-124
- 2004**

- 22 Cao, C.-P., Leinemann, L., Ziehe, M., **Finkeldey, R.** (2004). Untersuchungen zur genetischen Variation und Differenzierung von Eibenbeständen mit Hilfe von Isoenzym- und DNS-Markern. *Allgemeine Forst- und Jagdzeitung* **175**: 21-28
- 21 Curtu, A.-L., **Finkeldey, R.**, Gailing, O. (2004). Comparative sequencing of a microsatellite locus reveals size homoplasy within and between European oak species (*Quercus* spp.). *Plant Molecular Biology Reporter* **22**: 339-346
- 20 **Finkeldey, R.** and Ziehe, M. (2004). Genetic implications of silvicultural regimes. *Forest Ecology and Management* **197**: 231-244
- 19 Mottura, M., Gailing, O., Verga, A.R., **Finkeldey, R.** (2004). Efficiency of microsatellite enrichment in *Prosopis chilensis* using magnetic capture. *Plant Molecular Biology Reporter* **22**: 251-258
- 18 Pandey, M., Gailing, O., Leinemann, L., **Finkeldey, R.** (2004). Molecular markers provide evidence for long-distance planting material transfer during plantation establishment of *Dalbergia sissoo* Roxb. in Nepal. *Annals of Forest Science* **61**: 603-606
- 17 Pandey, M., Gailing, O., Fischer, D., Hattemer, H.H. **Finkeldey, R.** (2004). Characterization of microsatellite markers in sycamore (*Acer pseudoplatanus* L.). *Molecular Ecology Notes* **4**: 253-255
- 16 Vornam, B., Kuchma, O., Kuchma, N., Arkhipov, A., **Finkeldey, R.** (2004). SSR markers as tools to reveal mutation events in Scots pine (*Pinus sylvestris* L.) from Chernobyl. *European Journal of Forest Research* **123**: 245-248

#### 2003 and earlier

- 15 **Finkeldey, R.**, and G. Mátyás (2003). Genetic variation of oaks (*Quercus* spp.) in Switzerland. 3. Lack of impact of postglacial recolonization history on nuclear gene loci. *Theoretical and Applied Genetics* **106**: 346-352
- 14 Gailing, O., Wachter, H., Leinemann, L., Hosius, B., **Finkeldey, R.**, Schmitt, H.-P., Heyder J. (2003). Charakterisierung verschiedener Ursprungsgebiete der Späteiche (*Quercus robur* L.) mit Hilfe von DNS-Markern aus dem Chloroplastengenom. *Allgemeine Forst- und Jagdzeitung* **174**: 227-230
- 13 Kremer, A., J.L. Dupouey, J.D. Deans, J. Cottrell, U. Csaikl, **R. Finkeldey**, S. Espinel, J. Jensen, J. Kleinschmit, B. Van Dam, A. Ducouso, I. Forrest, U. Lopez de Heredia, A.J. Lowe, M. Tutkova, R.C. Munro, S. Steinhoff and V. Badeau (2002). Leaf morphological differentiation between *Quercus robur* and *Quercus petraea* is stable across western European mixed oak stands. *Annals of Forest Science* **59**: 777 - 787
- 12 Petit, R., S. Brewer, S. Bordács, K. Burg, R. Cheddadi, E. Coart, J. Cottrell, U. Csaikl, B. van Dam, D. Deans, S. Espinel, S. Fineschi, **R. Finkeldey**, I. Glaz, P.G. Goicoechea, J.S. Jensen, A.O. König, A.J. Lowe, S.F. Madsen, G. Mátyás, R.C. Munro, F. Popescu, D. Slade, H. Tabbener, S.G.M. de Vries, B. Ziegenhagen, J.-L. de Beaulieu and A. Kremer (2002). Identification of refugia and post-glacial colonisation routes of European white oaks based on chloroplast DNA and fossil pollen evidence. *Forest Ecology and Management* **156**: 49-74
- 11 Petit, R., U. Csaikl, S. Bordács, K. Burg, E. Coart, J. Cottrell, B. van Dam, D. Deans, S. Dumolin-Lapègue, S. Fineschi, **R. Finkeldey**, A. Gillies, I. Glaz, P.G. Goicoechea, J.S. Jensen, A.O. König, A.J. Lowe, S.F. Madsen, G. Mátyás, R.C. Munro, M. Olalde, M.-H. Pemonge, F. Popescu, D. Slade, H. Tabbener, D. Turchini, S.G.M. de Vries, B. Ziegenhagen and A. Kremer (2002). Chloroplast DNA variation in European white oaks. Phylogeography and patterns of diversity based on data from over 2600 populations. *Forest Ecology and Management* **156**: 5-26
- 10 **Finkeldey, R.** (2001). Genetic variation of oaks (*Quercus* spp.) in Switzerland. 1. Allelic diversity and differentiation at isozyme gene loci. *Forest Genetics* **8**: 185-195
- 9 **Finkeldey, R.** (2000). Genetic variation of oaks (*Quercus* spp.) in Switzerland. 2. Genetic structures in "pure" and "mixed" forests of pedunculate oak (*Q. robur* L.) and sessile oak (*Q. petraea* (Matt.) Liebl.). *Silvae Genetica* **50**: 22-30



- 8 Murillo, O., and **R. Finkeldey** (2000). Genetic diversity in natural populations of *Alnus acuminata* ssp. *arguta* (Schlectendal) Furlow in Costa Rica and Panama. *Forest Genetics* **7**: 121-131
- 7 **Finkeldey, R.**, and O. Murillo (1999). Contributions of subpopulations to total gene diversity. *Theoretical and Applied Genetics* **98**: 664-668
- 6 **Finkeldey, R.**, N. De Guzman and S. Changtragoon (1999). The mating system of *Pterocarpus indicus* Willd. at Mt. Makiling, Philippines. *Biotropica* **31**: 525-530
- 5 **Finkeldey, R.**, N. De Guzman and S. Changtragoon (1998). Inheritance of isozyme phenotypes in *Pterocarpus indicus* Willd. *Forest Genetics* **5**: 165-170
- 4 **Finkeldey, R.** (1995). Homogeneity of pollen allele frequencies of single seed trees in *Picea abies* (L.) Karst. plantations. *Heredity* **74**: 451-463
- 3 **Finkeldey, R.** (1994). A simple derivation of the partitioning of genetic variation within subdivided populations. *Theoretical and Applied Genetics* **89**: 198-200
- 2 **Finkeldey, R.** (1992). The hybrid origin of *Paulownia taiwaniana* Hu & Chang. Evidence from isozyme gene markers. *Silvae Genetica* **41**: 278-282
- 1 **Finkeldey, R.** (1992). Inheritance of isozyme phenotypes of the native *Paulownia* spp. in Taiwan. *Journal of Heredity* **83**: 140-143

**SELECTED OTHER PUBLICATIONS (BOOKS, BOOK CHAPTERS, CONFERENCE REPORTS, PUBLICATIONS IN GERMAN WITH AND WITHOUT PEER REVIEW)**

- 24 **Finkeldey, R.**, Vornam, B. und Kuchma, O. (2012). Genetische Reaktionen auf extreme Umweltveränderungen am Beispiel von Kiefern bei Tschernobyl. *Forstarchiv* **83**: 41-47
- 23 Kremer A., B. Vinceti, R. Alia, J. Burczyk, S. Cavers, B. Degen, **R. Finkeldey**, S. Fluch, D. Gömöry, F. Gugerli, H.P. Koelewijn, J. Koskela, F. Lefèvre, M. Morgante, G. Mueller-Starck, C. Plomion, G. Taylor, J. Turok, O. Savolainen and B. Ziegenhagen (2011). Forest ecosystem genomics and adaptation: EVOLTREE conference report. *Tree Genetics and Genomes* **7**: 869-875
- 22 **Finkeldey R.** (2011). Management of forest genetic resources. In Günter, S., Weber, M., Stimm, B., Mosandl, R. (eds.): *Silviculture in the Tropics*. Springer, Berlin, Heidelberg. pp. 103-107
- 21 **Finkeldey, R.** (2010). Genetische Variation im Wald (Editorial). *Schweizerische Zeitschrift für Forstwesen* **161**: 193
- 20 **Finkeldey, R.** (2010). Kleines genetisches Glossar. *Schweizerische Zeitschrift für Forstwesen* **161**: 194-197
- 19 **Finkeldey, R.** (2010). Genetik, Ökologie, Forstwirtschaft: Zusammenhänge und Perspektiven. *Schweizerische Zeitschrift für Forstwesen* **161**: 198 - 206
- 18 Gailing, O., B. Vornam, L. Leinemann, A.L. Curtu und **R. Finkeldey** (2010). Genetische Ansätze zur Charakterisierung adaptiver genetischer Variation bei Eichen. *Forstarchiv* **81**: 150-155
- 17 Vornam, B., O. Gailing und **R. Finkeldey** (2010). Natürliche Nukleotid-Diversität von Kandidatengenen für den Blattaustrieb der Traubeneiche (*Quercus petraea*). *Forstarchiv* **81**: 146-149
- 16 **Finkeldey, R.** and H.H. Hattemer (2010). Genetische Variation in Wäldern – Wo stehen wir? *Forstarchiv* **81**: 123-129
- 15 **Finkeldey, R.**, and H.H. Hattemer (2007). *Tropical Forest Genetics*. Springer, Berlin, Heidelberg, New York. 315pp.
- 14 **Finkeldey, R.**, Y. Rachmayanti, and O. Gailing (2007). Molecular genetic tools for the identification of the origin of wood. In Kües, U. (ed.): *Wood Production, Wood Technology and Biotechnological Impacts*. Universitätsverlag Göttingen, Göttingen. pp. 143-158.

- 13 **Finkeldey, R.**, O. Gailing, H.H. Hattemer, und B. Vornam (2007). Molekulare Analyse von Pflanzenteilen in der Forensik. In Herrmann, B., und K.-S. Saternus (Hrsg.): *Biologische Spurenkunde*. Band 1. Kriminalbiologie. Springer, Berlin, Heidelberg. S. 343-362.
- 12 **Finkeldey, R.** (2002). Reproduction in continuous cover forests - the geneticist's perspective. In K. von Gadow, J. Nagel and J. Saborowski (eds.): *Continuous Cover Forestry. Assessment, Analysis, Scenarios*. Kluwer, Dordrecht, Boston, New York. pp. 67-79.
- 11 **Finkeldey, R.** (2001). Forschung zur Vielfalt, vielfältige Forschung: Ziele und Wege der Forstgenetik. *Schweizerische Zeitschrift für Forstwesen* **152**: 162-168
- 10 **Finkeldey, R.** und P. Bonfils (2001). Genetische Variation in Eichenbeständen (*Quercus* spp.) der Schweiz. In H. Wolf (eds.): *Nachhaltige Nutzung forstgenetischer Ressourcen. Tagungsbericht zur 24. Internationalen Tagung der Arbeitsgem. f. Forstgenetik u. Forstpflanzenzüchtung*. Sächsische Landesanstalt für Forsten, Pirna, Germany. pp. 203-211.
- 9 Hattemer, H.H., M. Ziehe, **R. Finkeldey** and M. Fromm (2001). Genetic diversity and differentiation of individual effective pollen clouds in trees. In G. Müller-Starck and R. Schubert (eds.): *Genetic Response of Forest Systems to Changing Environmental Conditions*. Kluwer, Dordrecht, The Netherlands. pp. 223-237.
- 8 Changtragoon, S., and **R. Finkeldey** (2000). Der Nutzen von Genmarkern für die Erhaltung forstgenetischer Ressourcen in Thailand. *Forest Snow and Landscape Research* **75**: 153-162
- 7 **Finkeldey, R.**, G. Mátyás, C. Sperisen and P. Bonfils (2000). Strategien zur Auswahl forstlicher Genreservate in der Schweiz. *Forest Snow and Landscape Research* **75**: 137-152
- 6 **Finkeldey, R.**, and G. Mátyás (1999). Assessment of population history and adaptive potentials by means of gene markers. In C. Mátyás (eds.): *Forest Genetics and Sustainability*. Kluwer Academic Publishers, Dordrecht, Boston, London. pp. 91-104.
- 5 Bonfils, P. und **R. Finkeldey** (1998). Das schweizerische Programm zur Erhaltung forstgenetischer Ressourcen. In T. Geburek and B. Heinze (eds.): *Erhaltung genetischer Ressourcen in Wald - Normen, Programme, Maßnahmen*. Ecomed, Landsberg. pp. 136-150.
- 4 **Finkeldey, R.** (1994). The significance of international co-operation for the conservation of forest genetic resources. In Y. K. Park, and S. Sakamoto (eds.): *Proceedings of the International Seminar on Genetic Conservation and Utilization of Biodiversity, Taegu, Korea, October 1994*. Institute of Agricultural Science and Technology, Kyungpook National University, Taegu, Korea. pp. 29-65.
- 3 **Finkeldey, R.**, and H.H. Hattemer. (1993). Gene resources and gene conservation with emphasis on tropical forests. *FAO/IBPGR Plant Genetic Resources Newsletter* **94/95**: 5-10
- 2 **Finkeldey, R.** (1993). *Die Bedeutung allelischer Profile für die Konservierung genetischer Ressourcen bei Waldbäumen*. Göttingen Research Notes in Forest Genetics No. 13. Göttingen: Abteilung für Forstgenetik und Forstpflanzenzüchtung. 176 + IX S.
- 1 **Finkeldey, R.** (1992). Auswahlkriterien und Anlage genetischer Ressourcen bei der Fichte (*Picea abies* (L.) Karst.). *Forstarchiv* **63**: 25-32