

Summary *Curriculum Vitae* – Reiner Finkeldey

DATE OF BIRTH, CAREER PATH

1962	born in Minden, Germany
1983-1988	Studies of Forestry of the Temperate Region and Tropical Forestry, Georg-August-Universität Göttingen, Germany
1988-1989	Visiting Research Fellow, Taiwan Forestry Research Institute
1990-1993	PhD Student, Georg-August-University, Göttingen
1993	PhD (Dr. forest) in Forest Genetics, Georg-August-Universität Göttingen
1994-1996	Tree Improvement Expert, FAO
1996-1997	Scholarship Holder (German Research Foundation; DFG)
1997-2001	Senior Scientist, Forest Genetics; WSL Switzerland
2001	Habilitation (post-lecturer qualification) in Forest Genetics and Forest Tree Breeding
since 2001	Full professor (C4, since 2011 W3) in Forest Genetics and Forest Tree Breeding, Georg-August-Universität Göttingen
2006-2008	Dean, Faculty of Forest Sciences and Forest Ecology, Georg-August-Universität Göttingen
2011	Offer of a Professorship (Chair) in Plant Biology, UCC Cork, Ireland (declined)
2013-2015	Vice-President for Research, Georg-August-Universität Göttingen (from 1 April)
2015-2021	President, University of Kassel University
2021-ongoing	Full Professor (W3) for Plant Population Genetics, University of Kassel

INTERNATIONAL EXPERIENCE

Year (Duration)	Place	Institution	Position
1984 (6 Months)	Taipei, Taiwan	Taiwan Forestry Research Institute	Practitioner
1988-1989 (14 Months)	Taipei, Taiwan	Taiwan Forestry Research Institute	Visiting Research Fellow
1992 (3 Months)	Muak Lek, Thailand	ASEAN-Canada Forest Tree Seed Centre	Guest Scientist
1994-1996 (24 Months)	Los Baños, Philippines	Food and Agriculture Organization	Scientific Officer
1996 (6 Months)	Bangkok, Thailand	Royal Forest Department	Guest Scientist
1997 (6 Months)	Umeå, Sweden	Swedish Univ. of Agric. Sci. (SLU)	Guest Scientist
1997-2001 (40 Months)	Birmensd., Switzerland	Swiss Federal Research Institute WSL	Senior Scientist

Selected short-term stays since 2001: University of Forestry, Yezin, Burma (4 stays, guest professor); Bogor Agricultural University, Bogor, Indonesia (6 stays, collaborative research and teaching, training courses); Visayas State University, Leyte, Philippines (4 stays, teaching and training courses); Vietnam National University, Dept. of Botany, HoChiMinh-City, Vietnam (4 stays, research and teaching); Kyushu University, Fukuoka, Japan (research cooperation); Beijing Forestry University and Hebei Agricultural University, Beijing and Baoding, China (guest professor), Democritus University of Thrace, Greece (research and teaching); Texas A&M University, USA (research; 2 months, 2009).

KEY RESEARCH EXPERTISE

- Population Genetics, Ecological Genetics and Conservation Genetics of Forest Trees
- Sustainable Use of Genetic Resources in Tropical and Temperate Forests
- Human Impact on Plant Genetic Resources, Genetic Responses of Plant Populations to Global Change

PEER-REVIEWED PUBLICATIONS

>130 published papers in international, peer-reviewed journals (H (web of science): 30 H (google scholar): 39)

RESEARCH FUNDING

More than 3,300,000 € competitively acquired grants from 2002 to 2015. Main sponsors: DFG (German Research Foundation), Federal Ministries, EU, German States

KEY MANAGEMENT EXPERIENCE

- Since 2001: Head of Section “Forest Genetics and Forest Tree Breeding”, Georg-August-Universität Göttingen
- 2006-2008: Dean, Faculty of Forest Sciences and Forest Ecology, Georg-August-Universität Göttingen
- 2008-2012: Director, Büsgen-Institute, Faculty of Forest Sciences and Forest Ecology, Georg-August-Universität Göttingen
- Since 2004: Elected member of faculty board; 2005-2006 and since 2009: Head of strategy commission of faculty
- Since 2011: Member of the Senate, Georg-August-Universität Göttingen
- 2012-2013: Director, Section for Tropical and Subtropical Agriculture and Forestry, Centre of Biodiversity and Sustainable Land Use, Georg-August-Universität Göttingen
- 4/2013 – 8/2015: Vice President for Research, Georg-August-Universität Göttingen
- 10/2015 – 9/2021: President, Kassel University

Complete CV – Reiner Finkeldey

A) PERSONNEL INFORMATION, EDUCATION, APPOINTMENTS

Name: FINKELDEY, REINER
Current appointment: Professor for Plant Population Genetics
 Kassel University, Germany
Address (office): Kassel University
 Faculty for Organic Agricultural Sciences
 Nordbahnhofstraße 1a
 37213 Witzenhausen
 reiner.finkeldey@uni-kassel.de

MAIN APPOINTMENTS

1988-1989	Visiting Research Fellow, Taiwan Forestry Research Institute (DAAD)
1990-1993	PhD student, Göttingen University
1994-1996	Tree Improvement Expert, FAO; based in the Philippines
1996-1997	Scholarship Holder (DFG); Umeå, Sweden, and Bangkok, Thailand
1997-2001	Senior Scientist, Forest Genetics; WSL Switzerland
since 2001	Full Professor (C4; since 2011 W3) for Forest Genetics and Forest Tree Breeding, Göttingen University
2006-2008	Dean, Faculty of Forest Sciences and Forest Ecology, Göttingen University
2011	Offer of a Professorship (Chair) in Plant Biology, UCC Cork, Ireland (declined)
2013-2015	Vice-President for Research, Göttingen University
2015-2021	President, Kassel University
2021-ongoing	Professor for Plant Population Genetics, Kassel University

KEY RESEARCH EXPERTISE

- Population Genetics, Ecological Genetics and Conservation Genetics of Forest Trees
- Evolutionary Genetics and Molecular Genetics of Plants
- Sustainable Use of Genetic Resources in Tropical and Temperate Forests
- Human Impact on Plant Genetic Resources
- Genetic Responses of Plant Populations to Global Change

KEY MANAGEMENT EXPERIENCE

- Since 2001: Head of Section “Forest Genetics and Forest Tree Breeding”, Georg-August-Universität Göttingen
- 2006-2008: Dean, Faculty of Forest Sciences and Forest Ecology, Georg-August-Universität Göttingen
- 2008-2012: Director, Büsgen-Institute, Faculty of Forest Sciences and Forest Ecology, Georg-August-Universität Göttingen
- Since 2004: Elected member of faculty board; 2005-2006 and since 2009: Head of strategy commission of faculty
- Since 2011: Member of the Senate, Georg-August-Universität Göttingen
- 2012-2013: Director, Section for Tropical and Subtropical Agriculture and Forestry, Centre of Biodiversity and Sustainable Land Use, Georg-August-Universität Göttingen
- 4/2013 – 8/2015: Vice President for Research, Georg-August-Universität Göttingen
- 10/2015-9/2021: President, University of Kassel

B) EDUCATION AND DEGREES

1983-1988	Studies of Forestry, Göttingen University
1988	Diploma in Forestry of the Temperate Region
1988	Diploma in Tropical and Subtropical Forestry

1993 PhD in Forestry (Dr. forest), Göttingen University
 2000 Habilitation (post lecturer qualification) in Forest Genetics and Forest Tree
 Breeding, Göttingen University

C) THESIS TOPICS AND SUPERVISORS/MENTORS

PhD (Dr. forest): The significance of allelic profiles for the conservation of forest genetic resources; Prof. Dr. H.H. Hattemer, Göttingen, Germany

Habilitation (post-lecturer qualification): Genetic investigations on the reproduction of teak (*Tectona grandis* L.f.) in Thailand; Examiners: Prof. Dr. H.H. Hattemer, Prof. Dr. J. Lunderstädt, Prof. Dr. H.J. Weidelt, Göttingen; Prof. Dr. G. Müller-Starck, Munich; Prof. Dr. L. Paule, Zvolen, Slovakia

D) PUBLICATIONS

PEER-REVIEWED PUBLICATIONS

2021

131 Semizer-Cuming, D., Chybicki, I.J., **Finkeldey, R.**, Kjær, E.D. (2021) Gene flow and reproductive success in ash (*Fraxinus excelsior* L.) in the face of ash dieback: restoration and conservation. *Annals of Forest Science* **78**: 1-15

130 Cuervo-Alcaron, L., Arend, M., Müller, M., Sperisen, C., **Finkeldey, R.**, Krutovsky, K.V. (2021) A candidate gene association analysis identifies SNPs potentially involved in drought tolerance in European beech (*Fagus sylvatica* L.). *Scientific Reports* **11**: 2386

2020

129 Müller, M., Kempen, T., **Finkeldey, R.**, Gailing, O. (2020) Low Population Differentiation but High Phenotypic Plasticity of European Beech in Germany. *Forests* **11**: 1354

128 Pettenkofer, T., **Finkeldey, R.**, Müller, M., Krutovsky, K., Vornam, B., Leinemann, L., Gailing, O. (2020) Development of novel *Quercus rubra* chloroplast genome CAPS markers for haplotype identification. *Silvae Genetica* **69**: 78-85

127 Pettenkofer, T., **Finkeldey, R.**, Müller, M., Krutovsky, K.V., Vornam, B., Leinemann, L., Gailing, O. (2020) Genetic variation of introduced red oak (*Quercus rubra*) stands in Germany compared to North American populations. *European Journal of Forest Research* **139**: 321-331

2019

126 Akinnagbe, A., Gailing, O., **Finkeldey, R.**, Lawal, A. (2019) Towards Conservation of Genetic Variation of Tropical Tree Species With Differing Successional Status: The Case of *Mansonia altissima* A. Chev and *Triplochiton scleroxylon* K. Schum. *Tropical Conservation Science* **12**: 1-9

125 Eliades, N.G.H., Papageorgiou, A.C., Fady, B., Gailing, O., Leinemann, L., **Finkeldey, R.** (2019) An approach to genetic resources conservation of peripheral isolated plant populations: the case of an island narrow endemic species. *Biodiversity and Conservation* **28**: 3005-3035

124 Pettenkofer, T., Burkardt, K., Ammer, C., Vor, T., **Finkeldey, R.**, Mueller, M., Krutovsky, K.V., Vornam, B., Leinemann, L., Gailing, O. (2019) Genetic diversity and differentiation of introduced red oak (*Quercus rubra*) in Germany in comparison with reference native North American populations. *European Journal of Forest Research* **138**: 275-285

123 Semizer-Cuming, D., **Finkeldey, R.**, Nielsen, L.R., Kjaer, E.D. (2019) Negative correlation between ash dieback susceptibility and reproductive success: good news for European ash forests. *Annals of Forest Science* **76**: 16

- 122 Amandita, F.Y., Rembold, K., Vornam, B., Rahayu, S., Siregar, I.Z. Kreft, H., **Finkeldey, R.** (2019) DNA barcoding of flowering plants in Sumatra, Indonesia. *Ecology and Evolution* **9**: 1858-1868
- 121 Torokeldiev, N., Ziehe, M., Gailing, O., **Finkeldey, R.** (2019) Genetic diversity and structure of natural *Juglans regia* L. populations in the southern Kyrgyz Republic revealed by nuclear SSR and EST-SSR markers. *Tree Genetics and Genomes* **15**: 5
- 2018**
- 120 Cuervo-Alarcon, L., Arend, M., Mueller, M., Sperisen, C., **Finkeldey, R.**, Krutovsky, K.V. (2018) Genetic variation and signatures of natural selection in populations of European beech (*Fagus sylvatica* L.) along precipitation gradients. *Tree Genetics and Genomes* **14**: 84
- 119 Breidenbach, N., Rahayu, S., Siregar, I.Z. Siregar, U.J. Hamzah, **Finkeldey, R.** (2018) Genetic Diversity of Dominant Plant Species in Tropical Land-Use Systems in Sumatra, Indonesia. *Tropical Conservation Science* **11**: 1-14
- 118 Mueller, M., Cuervo-Alarcon, L., Gailing, O., Rajendra, K.C., Chhetri, M.S., Seifert, S., Arend, M., Krutovsky, K.V., **Finkeldey, R.** (2018) Genetic Variation of European Beech Populations and Their Progeny from Northeast Germany to Southwest Switzerland. *Forests* **9**: 469
- 117 Eliades, N.G.H., Fady, B., Gailing, O., Leinemann, L., Finkeldey, R. (2018) Significant patterns of fine-scale spatial genetic structure in a narrow endemic wind-dispersed tree species, *Cedrus brevifolia* Henry. *Tree Genetics and Genomes* **14**: 15
- 2017**
- 116 Salgado, P., Prinz, K., **Finkeldey, R.** Ramirez, C.C., Vogel, H. (2017) Genetic variability of *Aristotelia chilensis* ("maqui") based on AFLP and chloroplast microsatellite markers. *Genetic Resources and Crop Evolution* **64**: 2083-2091
- 115 Semizer-Cuming, D., Kjaer, E.D., **Finkeldey, R.** (2017) Gene flow of common ash (*Fraxinus excelsior* L.) in a fragmented landscape. *PLOS One* **12**: e0186757
- 114 Mueller, M., Seifert, S., Luebbe, T., Leuschner, C., Finkeldey, R. (2017) De novo transcriptome assembly and analysis of differential gene expression in response to drought in European beech. *PLOS One* **12**: e0184167
- 113 Abdulai, I., Krutovsky, K.V., **Finkeldey, R.** (2017) Morphological and genetic diversity of shea tree (*Vitellaria paradoxa*) in the savannah regions of Ghana. *Genetic Resources and Crop Evolution* **64**: 1253-1268
- 112 Mueller, M., Seifert, S., **Finkeldey, R.** (2017) Comparison and confirmation of SNP-bud burst associations in European beech populations in Germany. *Tree Genetics and Genomes* **13**: 59
- 111 Ayele, T.B., Gailing, O., **Finkeldey, R.** (2017) Spatial distribution of genetic diversity in populations of *Hagenia abyssinica* (Bruce) JF Gmel from Ethiopia. *Annals of Forest Research* **60**: 47-62
- 110 Nuroniah, H.S., Gailing, O., **Finkeldey, R.** (2017) Development of a diagnostic DNA marker for the geographic origin of *Shorea leprosula*. *Holzforschung* **71**: 1-10
- 2016**
- 109 Mueller, M., **Finkeldey, R.** (2016) Genetic and adaptive trait variation in seedlings of European beech provenances from Northern Germany. *Silvae Genetica* **65**: 65-73

- 108 Irawan, B., Gruber, F., **Finkeldey, R.**, Gailing, O. (2016) Linking indigenous knowledge, plant morphology, and molecular differentiation: the case of ironwood (*Eusideroxylon zwageri* Teijsm. et Binn.). *Genetic Resources and Crop Evolution* **63**: 1297-1306
- 107 Clough, Y., Krishna, V.V., Corre, M.D., Darras, K., Denmead, L.H., Meijide, A., Moser, S., Musshoff, O., Steinebach, S., Veldkamp, E., Allen, K., Barnes, A.D., Breidenbach, N., Brose, U., Buchori, D., Daniel, R., **Finkeldey, R.**, Harahap, I., Hertel, D., Holtkamp, A.M., Hoerandl, E., Irawan, B., Jaya, N.S., Jochum, M., Klarner, B., Knohl, A., Kotowska, M.M., Krashevskaya, V., Kreft, H., Kurniawan, S., Leuschner, C., Maraun, M., Melati, D.N., Opfermann, N., Perez-Cruzado, C., Prabowo, W.E., Rembold, K., Rizali, A., Rubiana, R., Schneider, D., Tjitrosoedirdjo, S.S., Tjoa, A., Tschardt, T., Scheu, S. (2016) Land-use choices follow profitability at the expense of ecological functions in Indonesian smallholder landscapes. *Nature Communications* **7**: 1-12
- 106 Minn, Y., Gailing, O., **Finkeldey, R.** (2016) Genetic diversity and structure of teak (*Tectona grandis* L. f.) and dahat (*Tectona hamiltoniana* Wall.) based on chloroplast microsatellites and Amplified Fragment Length Polymorphism markers. *Genetic Resources and Crop Evolution* **63**: 961-974
- 105 Hodac, L., Ulum, F.B., Opfermann, N., Breidenbach, N., Hojsgaard, D., Tjitrosoedirdjo, S.S., Vornam, B., **Finkeldey, R.**, Hoerand, E. (2016) Population Genetic Structure and Reproductive Strategy of the Introduced Grass *Centotheca lappacea* in Tropical Land-Use Systems in Sumatra. *PLOS One* **11**: e0147633
- 104 Zhang, C.X., Finkeldey, R., Krutovsky, K.V. (2016) Genetic diversity and parentage analysis of aspen demes. *New Forests* **47**: 143-162
- 2015**
- 103 Mueller, M., Seifert, S., **Finkeldey, R.** (2015) A candidate gene-based association study reveals SNPs significantly associated with bud burst in European beech (*Fagus sylvatica* L.) *Tree Genetics and Genomes* **11**: 116
- 102 Prinz, K. **Finkeldey, R.** (2015) Characterization and transferability of microsatellite markers developed for *Carpinus betulus* (Betulaceae). *Applications in Plant Sciences* **3**: 1500053
- 101 Craciunesc, I., Vornam, B., Leinemann, L., **Finkeldey, R.**, Sofletea, N., Curtu, A.L. (2015) High Genetic Differentiation among European White Oak Species (*Quercus* spp.) at a Dehydrin Gene. *Notulae Botanicae Horti Agrobotanici Cluj-Napoca* **43**: 582-586
- 100 Mueller, M., Seifert, S., **Finkeldey, R.** (2015) Identification of SNPs in candidate genes potentially involved in bud burst in European beech (*Fagus sylvatica* L.). *Silvae Genetica* **64**: 1-19
- 99 Zhang, C.X., Vornam B., Volmer K., Prinz K., Kleemann F., Köhler L., Polle A., **Finkeldey R.** (2015) Genetic variation in aspen in relation to arthropod abundance. *Frontiers in Plant Science* **5**: 806
- 98 Hansen, O.K., Changtragoon, S., Ponoy, B., Kjær, E.D., Minn, Y., **Finkeldey, R.**, Nielsen, K.B., Graudal, L. (2015) Genetic resources of teak (*Tectona grandis* Linn. F.) – strong genetic structure among natural populations. *Tree Genetics and Genomes* **11**: 802
- 2014**
- 97 Carsjens, C., Ngoc, Q.N., Guzy, J., Knutzen, F., Meier, I.C., Müller, M., **Finkeldey, R.**, Leuschner, C., Polle, A. (2014) Intra-specific variations in expression of stress-related genes in beech progenies are stronger than drought-induced responses. *Tree Physiology* **34**: 1348-1361
- 96 Wickneswari R., Rajora O.P., **Finkeldey R.**, Aravanopoulos F., Bouvet J-M., Vaillancourt R.E., Kanashiro M., Fady B., Tomita M., Vinson C. (2014). Genetic Effects of Forest Management Practices: Global Synthesis and Perspectives. *Forest Ecology and Management* **333**: 52-65

- 95 Wiehle, M., Prinz, K., Kehlenbeck, K., Goenster, S., Mohamed, S.A., **Finkeldey, R.**, Bürkert, A., Gebauer, J. (2014) The African baobab (*Adansonia digitata* L.) – genetic resources in neglected populations of the Nuba mountains, Sudan. *American Journal of Botany* **101**: 1498-1507
- 94 Minn, Y., Prinz, K., **Finkeldey, R.** (2014) Genetic variation of teak (*Tectona grandis* Linn. f.) in Myanmar revealed by microsatellites. *Tree Genetics and Genomes* **10**: 1435-1449
- 93 Rajendra, K.C., Seifert, S., Prinz, K., Gailing, O., **Finkeldey, R.** (2014) Subtle human impacts on neutral genetic diversity and spatial patterns of genetic variation in European beech (*Fagus sylvatica*). *Forest Ecology and Management* **318**: 139-149
- 92 Leinemann, L., Kleinschmit, J., Fussi, B., Hosius, B., Kuchma, O., Arenhövel, W., Lemmen, P., Kätzel, R., Rogge, M., **Finkeldey, R.** (2014) Genetic composition and differentiation of sloe (*Prunus spinosa* L.) populations in Germany with respect to the tracing of reproductive plant material. *Plant Systematics and Evolution* **300**: 2115-2125
- 91 Papageorgiou, A.C., Tsiripidis, I., Mouratidis, T., Hatziskakis, S., Gailing, O., Eliades, N.G.H., Vidalis, A., Drouzas, A.D., **Finkeldey, R.** (2014) Complex fine-scale phylogeographic patterns in a putative refugial region of *Fagus sylvatica* L. (Fagaceae). *Botanical Journal of the Linnean Society* **174**: 516-528
- 90 Garcia, M.V., Prinz, K., Barrandeguy, M.E., Miretti, M., **Finkeldey, R.** (2014) A unifying study of phenotypic and molecular genetic variability in natural populations of *Anadenanthera colubrina* var. *cebil* from Yungas and Paranaense biogeographic provinces in Argentina. *Journal of Genetics* **93**: 123-132
- 89 Barrandeguy, M.E., García, M.V., Prinz, K., Pomar, R.R., **Finkeldey, R.** (2014) Genetic structure of disjunct populations of the subtropical tree *Anadenanthera colubrina* var. *cebil* (Fabaceae). *Plant Systematics and Evolution* **300**: 1693-1705
- 88 Tinio, C.E., **Finkeldey, R.**, Prinz, K., Fernando, E.S. (2014) Genetic variation in natural and planted populations of *Shorea guiso* (Dipterocarpaceae) in the Philippines revealed by microsatellite DNA markers. *Asia Life Sciences* **23**: 75-91
- 2013**
- 87 Gailing, O., Bodénès, C., **Finkeldey, R.**, Kremer, A., Plomion, C. (2013) Genetic mapping of EST-derived Simple Sequence Repeats (EST-SSRs) to identify QTL for leaf morphological characters in a *Quercus robur* full-sib family. *Tree Genetics and Genomes* **9**: 1361-1367
- 86 Lang, C., **Finkeldey, R.**, Polle, A. (2013) Spatial patterns of ectomycorrhizal assemblages in a monospecific forest in relation to host tree genotype. *Frontiers in Plant Science* **4**: 103
- 85 Ohtani M., Kondo, T., Tani, N., Ueno, S., Lee, L.S., Ng, K.K.S., Muhammad, N., **Finkeldey, R.**, Na'iem, M., Indrioko, S., Kamiya, K., Harada, K., Diway, B., Khoo, E., Kawamura, K., Tsumura, Y. (2013) Nuclear and chloroplast DNA phylogeography reveals Pleistocene divergence and subsequent secondary contact of two genetic lineages of the tropical rainforest tree species *Shorea leprosula* (Dipterocarpaceae) in South-East Asia. *Molecular Ecology* **22**: 2264-2279
- 84 Leinemann, L., Steiner, W., Hosius, B., Kuchma, O., Arenhövel, W., Fussi, B., Haase, B., Kätzel, R., Rogge, M., **Finkeldey, R.** (2013) Genetic variation of chloroplast and nuclear markers in natural populations of hazelnut (*Coryllus avellana* L.) in Germany. *Plant Systematics and Evolution* **299**: 369-378
- 83 Vidalis, A., Curtu, L., **Finkeldey, R.** (2013) Novel SNP development and analysis at a NADP+ specific IDH enzyme gene in a four-species mixed oak forest. *Plant Biology* **15 (Suppl. 1)**: 126-137
- 2012**
- 82 Perović, K., Prinz, K., **Finkeldey, R.**, Cvjetičanin, R. (2012) Genetic variation of Greek marple (*Acer heldreichii* Orph.) populations in Western Balkan region. *Allgemeine Forst- und Jagdzeitung* **183**: 248-256
- 81 Landergott, U., Gugerli, F., Hoebee, S.E., **Finkeldey, R.**, Holderegger, R. (2012) Effects of seed mass on seedling height and competition in European white oaks. *Flora* **207**: 721-725

- 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
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