

## PEER-REVIEWED PUBLICATIONS IN INTERNATIONAL JOURNALS

## 2014 and in press

- 96 Wiehle, M., Prinz, K., Kehlenbeck, K., Goenster, S., Mohamed, S.A., **Finkeldey, R.**, Bürkert, A., Gebauer, J. (in press) The African baobab (*Adansonia digitata* L.) – genetic resources in neglected populations of the Nuba mountains, Sudan. *American Journal of Botany*: in press
- 95 Minn, Y., Prinz, K., **Finkeldey, R.** (in press) Genetic variation of teak (*Tectona grandis* Linn. f.) in Myanmar revealed by microsatellites. *Tree Genetics and Genomes*: in press
- 94 Wickneswari R., Rajora O.P., **Finkeldey R.**, Aravanopoulos F., Bouvet J-M., Vaillancourt R.E., Kanashiro M., Fady B., Tomita M., Vinson C. (in press). Genetic Effects of Forest Management Practices: Global Synthesis and Perspectives. *Forest Ecology and Management*: DOI:10.1016/j.foreco.2014.06.008.
- 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*: DOI 10.1007/s00606-014-1027-7
- 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* DOI 10.1007/s00606-014-0995-y
- 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. (2103) 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
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- 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
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- 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
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- 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
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- 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
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- 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
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- 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
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- 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
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- 63 Lang, C., Dolynska, A., **Finkeldey, R.**, Polle, A. (2010) Are beech roots territorial? *Forest Ecology and Management* **216**: 1212 – 1217
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- 61 Rana, R., Langenfeld-Heysler, 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
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- 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
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- 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
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### 2003 and earlier

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