

Publikationen seit 2006

899	Bdeir, R., Muchero, W., Yordanov, Y., Tuskan, G., Busov, V., & O. Gailing. 2019. Genome-wide association studies of bark texture in <i>Populus trichocarpa</i> . <i>Tree Genetics and Genomes</i> 15:14. DOI: 10.1007/s11295-019-1320-2
898	Moler R. V. E., A. Abakir, M. Eleftheriou, J. S. Johnson, K.V. Krutovsky, L. C. Lewis, A. Ruzov, A. V. Whipple, O. P. Rajora, (2019) Population Epigenomics: Advancing Understanding of Phenotypic Plasticity, Acclimation, Adaptation and Diseases. Chapter in <i>Population Genomics: Concepts, Approaches and Applications</i> (Edited by Om Rajora), Springer, Cham, pp. 179-260. doi: 10.1007/13836_2018_59 (https://doi.org/10.1007/13836_2018_59)
897	Kryvokhyzha M. V., K. V. Krutovsky, N. M. Rashydova 2019 Expression of flowering genes in <i>Arabidopsis thaliana</i> under acute and chronic irradiation. <i>International Journal of Radiation Biology</i> doi: 10.1080/09553002.2019.1562251 Published online: 3 January 2019 https://www.tandfonline.com/doi/pdf/10.1080/09553002.2019.1562251 (IF = 1.970; Q2/1)
896	Varsamis, G., Papageorgiou, A.C., Merou, T., Takos, I., Malesios, C., Manolis, A., Tsiripidis, I. & O. Gailing. 2019. Adaptive diversity of beech seedlings under climate change scenarios. <i>Frontiers in Plant Science</i> 9:1918.
895	Torokeldiev, N., Ziehe, M., Gailing, O. & R. Finkeldey. 2019. Genetic diversity and structure of natural <i>Juglans regia</i> L. populations in the southern Kyrgyz Republic revealed by nuclear SSR and EST-SSR markers. <i>Tree Genetics and Genomes</i> 15:5.
894	Kornienko, I. V., T. G. Faleeva, N. V. Oreshkova, S. E. Grigoriev, L. V. Grigoreva, Yu. A. Putintseva, K. V. Krutovsky 2019 Structural and functional organization of the control region in mitochondrial DNA of wool mammoth (<i>Mammuthus primigenius</i>). <i>Molecular Biology</i> (accepted) (IF = 0.977; Q4).
893	Kolesnikova A., Y. A. Putintseva, E. P. Simonov, V. V. Biriukov, N. V. Oreshkova, I. N. Pavlov, V. V. Sharov, D. A. Kuzmin, S. V. Makolov, J. Anderson, K. V. Krutovsky 2019 Comparison of mitochondrial genomes of four closely-related <i>Armillaria</i> species indicated mobile genetic elements as a main cause of genome size variation. <i>BMC Genomics</i> (accepted) (IF = 3.729; Q1)
892	Semerikov V. L., S. A. Semerikova, Y. A. Putintseva, N. V. Oreshkova, K. V. Krutovsky 2019 Mitochondrial DNA in Siberian conifers indicates multiple post-glacial colonization centers. <i>Canadian Journal of Forest Research</i> (accepted) (IF = 1.827; Q1)
891	Krutovsky K. V., Y. A. Putintseva, N. V. Oreshkova, E. I. Bondar, V. V. Sharov, D. A. Kuzmin 2019 Postgenomic technologies in practical forestry: development of genome-wide markers for timber origin identification and other applications. <i>Forest Engineering Journal</i> (accepted) (http://lestehjournal.ru/en)
890	Oreshkova N. V., E. I. Bondar, Yu. A. Putintseva, V. V. Sharov, D. A. Kuzmin, K. V. Krutovsky, 2019 Development of nuclear microsatellite markers with long (three -, four -, five- and six-nucleotide) motives for Siberian larch. <i>Russian Journal of Genetics</i> 55(4) (in press) (IF = 0.550; Q4)
889	Pettenkofer T.A., K. Burkardt, C. Ammer, T. Vor, R. Finkeldey, M. Müller, K. V. Krutovsky, B. Vornam, L. Leinemann, O. Gailing 2019 Genetic diversity and differentiation of introduced red oak (<i>Quercus rubra</i>) in Germany in comparison with reference native North American populations. <i>European</i>

Publikationen seit 2006

	Journal of Forest Research Published online: 06 February 2019 https://doi.org/10.1007/s10342-019-01167-5 (IF = 2.017; Q1)
888	Semizer-Cuming D., K. V. Krutovsky, Y. N. Baranchikov, E. D. Kjær, C. G. Williams 2019 Saving the world's ash forests calls for international cooperation now. <i>Nature Ecology and Evolution</i> 3(2): 141–144 https://www.nature.com/articles/s41559-018-0761-6 (new journal – IF & Q are not available yet)
887	Kuzmin, D. A., S. I. Feranchuk, V. V. Sharov, A. N. Cybin, S. V. Makolov, Y. A. Putintseva, N. V. Oreshkova, K. V. Krutovsky 2019 Stepwise large genome assembly approach: A case of Siberian larch (<i>Larix sibirica</i> Ledeb.). <i>BMC Bioinformatics</i> 20(Suppl. 1): 37 doi: 10.1186/s12859-018-2570-y https://doi.org/10.1186/s12859-018-2570-y (IF = 2.213; Q1)
886	Bondar E. I., Y. A. Putintseva, N. V. Oreshkova, K. V. Krutovsky 2019 Siberian larch (<i>Larix sibirica</i> Ledeb.) chloroplast genome and development of polymorphic chloroplast markers. <i>BMC Bioinformatics</i> 20(Suppl. 1): 38 doi: 10.1186/s12859-018-2571-x https://doi.org/10.1186/s12859-018-2571-x (IF = 2.213; Q1)
885	Johnson, J.S., K.V. Krutovsky, O.P. Rajora, K.D. Gaddis, D.M. Cairns (2019) Advancing Biogeography through Population Genomics. Chapter in <i>Population Genomics: Concepts, Approaches and Applications</i> (Edited by Om Rajora), Springer, Cham, pp. 539-585. doi: 10.1007/13836_2018_39 (https://link.springer.com/chapter/10.1007/13836_2018_39)
884	Balkenhol N, Dudaniec RY, Krutovsky KV, Johnson JS, Cairns DM, Segelbacher G, Selkoe KA, von der Heyden S, Wang IJ, Selmoni O, Joost S (2019) Landscape Genomics: Understanding Relationships Between Environmental Heterogeneity and Genomic Characteristics of Populations. Chapter in <i>Population Genomics: Concepts, Approaches and Applications</i> (Edited by Om Rajora), Springer, Cham, pp. 261-322. doi: 10.1007/13836_2017_2 (https://link.springer.com/chapter/10.1007/13836_2017_2)
883	Burger, K, Müller, M. & O. Gailing. 2018. Characterization of EST-SSRs for European beech (<i>Fagus sylvatica</i> L.) and their transferability to <i>Fagus orientalis</i> Lipsky, <i>Castanea dentata</i> Bork., and <i>Quercus rubra</i> L. <i>Silvae Genetica</i> 67:127-132.
882	Müller, M. & O. Gailing. 2018. Characterization of 20 new EST-SSR markers for northern red oak (<i>Quercus rubra</i> L.) and their transferability to <i>Fagus sylvatica</i> L. and six oak species of section <i>Lobatae</i> and <i>Quercus</i> . <i>Annals of Forest Research</i> 61:211-222.
881	Creyaufmüller, F.C., Chassignet, I., Delb, H., Dounavi, A., Gailing, O., Leinemann, L., Kreuzwieser, J., Teply-Szymanski, J. & B. Vornam. 2018. Terpene synthase genes in <i>Quercus robur</i> – gene characterization, expression and resulting terpenes due to cockchafer feeding. <i>Frontiers in Plant Science</i> 9: 1753.
880	Müller, M., Nelson, D. & O. Gailing. 2018. Analysis of environment-marker associations in American chestnut. <i>Forests</i> 9:695.
879	Gailing, O. & R. Zhang. 2018. Experimental evidence for selection against hybrids between two interfertile red oak species. <i>Silvae Genetica</i> 67:106-110.
878	Yucedag, C., Gailing, O., Bilir, N. & H.B. Özel. 2018. Growth traits of <i>Quercus macranthera</i> subsp. <i>sypsiensis</i> populations in Turkey and their associations with environmental variables. <i>Fresenius Environmental Bulletin</i> 27:6362-6368.

Publikationen seit 2006

877	Gailing, O., Kostick, S., Caré, O. & S. Khodwekar. 2018. Leaf morphological and genetic variation between <i>Quercus rubra</i> and <i>Quercus ellipsoidalis</i> - Comparison of sympatric and parapatric populations. <i>Annals of Forest Research</i> 61:81-94.
876	Eliades, N., Fady, B., Gailing, O., Leinemann, L. & R. Finkeldey. 2018. Significant patterns of fine-scale spatial genetic structure in a narrow endemic wind-dispersed tree species, <i>Cedrus brevifolia</i> Henry. <i>Tree Genetics and Genomes</i> 14:15.
875	Breidenbach N., O. Gailing, K. V. Krutovsky 2018 Development of novel polymorphic nuclear and chloroplast microsatellite markers in coast redwood (<i>Sequoia sempervirens</i>). <i>Plant Genetic Resources</i> https://doi.org/10.1017/S147926211800045X Published online: 04 December 2018 (IF = 0.712; Q2)
874	Simonov E., A. Lisachov, N. Oreshkova, K. V. Krutovsky 2018 The mitogenome of <i>Elaphe bimaculata</i> (Reptilia: Colubridae) has never been published: a case with the complete mitochondrial genome of <i>E. dione</i> . <i>Acta Herpetologica</i> 13(2): 87-91, doi: 10.13128/Acta_Herpetol-23394 (IF = 0.729; Q3)
873	Caré O., M. Müller, B. Vornam, A. M. Höltnen, K. Kahlert, K. V. Krutovsky, O. Gailing, L. Leinemann 2018 Hight morphological differentiation in crown architecture is weakly reflected in the population genetic structure of German Norway spruce stands. <i>Forests</i> 9(12): 752 doi: 10.3390/f9120752 https://www.mdpi.com/1999-4907/9/12/752/htm (IF = 1.956; Q1)
872	Politov D.V., Belokon M.M., Mudrik E.A., Polyakova T.A., Sullivan A., Krutovsky K.V., 2018 Adaptive genetic structure in spruce populations. In Proceedings of the International Forum "Biotechnology: State of the Art and Perspectives", pp. 762-763, May 23 - 25, 2018, Moscow, http://www.biomos.ru/conference/articles.htm
871	Semerikov V. L., Semerikova S. A., Krutovsky K. V. 2018 Development of mtDNA markers for Siberian conifers and their application in phylogeographic studies. Pp. 95-100. In Degen B, Krutovsky KV, Liesebach M (eds) Proceedings of German Russian Conference on Forest Genetics in Ahrensburg, November 21-23, 2017. Braunschweig: Johann Heinrich von Thünen-Institut, 148 p, Thünen Report 62, DOI:10.3220/REP1539855736000 (https://www.thuenen.de/media/publikationen/thuenen-report/Thuenen_Report_62.pdf)
870	Putintseva, Y. A., N. V. Oreshkova, E. I. Bondar, V. V. Sharov, D. A. Kuzmin, S. V. Makolov, Krutovsky K. V. 2018 Genomics for practical forestry: development of genome-wide markers for timber origin identification and other applications. Pp. 101-106. In Degen B, Krutovsky KV, Liesebach M (eds) Proceedings of German Russian Conference on Forest Genetics in Ahrensburg, November 21-23, 2017. Braunschweig: Johann Heinrich von Thünen-Institut, 148 p, Thünen Report 62, DOI:10.3220/REP1539855736000
869	Shestibratov K. A., O. Yu. Baranov, N. M. Subbotina, V. G. Lebedev, S. V. Panteleev, K. V. Krutovsky, V. E. Padutov 2018 Early detection and identification of the main fungal pathogens for resistance evaluation of new genotypes of forest trees. <i>Forests</i> 9(12): 732; https://doi.org/10.3390/f9120732 (IF = 1.956; Q1)
868	Lu M., C. M. Seeve, C. A. Loopstra, K. V. Krutovsky 2018 Exploring the genetic basis of gene transcript abundance and metabolite level in loblolly pine (<i>Pinus taeda</i> L.) using association mapping and network construction. <i>BMC Genetics</i> 19:100 https://doi.org/10.1186/s12863-018-0687-7 (IF = 2.469; Q1)

Publikationen seit 2006

867	Cuervo-Alarcon L., M. Arend, M. Müller, C. Sperisen, R. Finkeldey, K. V. Krutovsky 2018 Genetic variation and signatures of natural selection in populations of European beech (<i>Fagus sylvatica</i> L.) along precipitation gradients. <i>Tree Genetics & Genomes</i> 14:84 https://doi.org/10.1007/s11295-018-1297-2 First Online: 30 October 2018 (IF = 1.829; Q1)
866	Semerikov, V.L., S.A. Semerikova, Y.A. Putintseva, V. V. Tarakanov, I. V. Tikhonova, A. I. Vidyakin, N.V. Oreshkova, and K.V. Krutovsky, 2018 Colonization history of Scots pine in Eastern Europe and North Asia based on mitochondrial DNA variation. <i>Tree Genetics & Genomes</i> 14:8 https://doi.org/10.1007/s11295-017-1222-0 (IF = 1.624 Q1)
865	Nawaz M. A., K. V. Krutovsky, M. Müller, O. Gailing, A. A. Khan, A. Buerkert, M. Wiehle 2018 Morphological and Genetic Diversity of Sea Buckthorn (<i>Hippophae rhamnoides</i> L.) in the Karakoram Mountains of Northern Pakistan. <i>Diversity</i> 10(3): 76; https://doi.org/10.3390/d10030076 (IF = 2.040; Q1)
864	Müller M., L. Cuervo-Alarcon, O. Gailing, Rajendra K.C., M. S. Chhetri, S. Seifert, M. Arend, K. V. Krutovsky , R. Finkeldey 2018 Genetic Variation of European Beech Populations and Their Progeny from Northeast Germany to Southwest Switzerland. <i>Forests</i> 9(8): 469. doi:10.3390/f9080469. https://doi.org/10.3390/f9080469 (IF = 1.956; Q1)
863	Liu, C. L. C., O. Kuchma, K. V. Krutovsky 2018 Mixed-species versus monocultures in plantation forestry: Development, benefits, ecosystem services and perspectives for the future. <i>Global Ecology and Conservation</i> 15: e00419. doi: 10.1016/j.gecco.2018.e00419. https://doi.org/10.1016/j.gecco.2018.e00419 (IF = 1.81; Q2)
862	Kornienko I.V., Faleeva T.G., Oreshkova N.V., Grigoriev S.E., Grigoreva L.V., Simonov E.P., Kolesnikova A.I., Putintseva Yu.A., Krutovsky K.V. 2018 Complete mitochondrial genome of a woolly mammoth (<i>Mammuthus primigenius</i>) from Maly Lyakhovsky Island (New Siberian Islands, Russia) and its phylogenetic assessment. <i>Mitochondrial DNA Part B. Resources</i> 3(2): 596-598 http://dx.doi.org/10.1080/23802359.2018.1473721 (IF = 0.490; Q4)
861	Pavlov, I. N., Y. A Litovka, T. V. Ryazanova, N. A. Chuprova, Y. A. Putintseva, K. V. Krutovsky, 2018 Pathogenic and wood-destroying properties of <i>Porodaedalea niemela</i> M. Fischer in the open woodlands of <i>Larix gmelinii</i> in the permafrost area. <i>Journal of Siberian Federal University. Biology</i> 11(1): 30-48 DOI: 10.17516/1997-1389-0039 http://elib.sfu-kras.ru/bitstream/2311/70290/8/03_Pavlov_15_05.pdf (IF = 0.316; Q4)
860	Ali, H. B. M., A. Abubakari, M. Wiehle, K. V. Krutovsky , 2018 Gene-specific sex-linked genetic markers in date palm (<i>Phoenix dactylifera</i> L.). <i>Genetic Resources and Crop Evolution</i> 65(1): 1-10 https://doi.org/10.1007/s10722-017-0564-7 (IF = 1.294; Q1/2)
859	Breidenbach N., Rahayu S., Siregar I.Z., Siregar U.J., Hamzah, R. Finkeldey (2018) Genetic diversity of dominant plant species in tropical land-use systems in Sumatra, Indonesia. <i>TROPICAL CONSERVATION SCIENCE</i> (11): 1-14. DOI: 10.1177/1940082918813908
858	Eliades, N., Fady, B., Gailing, O., Leinemann, L. & R. Finkeldey. 2018. Significant patterns of fine-scale spatial genetic structure in a narrow endemic wind-dispersed tree species, <i>Cedrus brevifolia</i> Henry. <i>Tree Genetics and Genomes</i> 14:15.
857	Müller, M., Laura Cuervo-Alarcon, L., Gailing, O., Rajendra, K.C., Chhetri, M.S., Seifert, S., Arend, M., Krutovsky, K.V. & R. Finkeldey. 2018. Genetic variation of European beech populations and their progeny from northeast Germany to southwest Switzerland. <i>Forests</i> 9:469.

Publikationen seit 2006

856	Gailing, O., Kostick, S., Caré, O. & S. Khodwekar. 2018. Leaf morphological and genetic variation between <i>Quercus rubra</i> and <i>Quercus ellipsoidalis</i> - Comparison of sympatric and parapatric populations. <i>Annals of Forest Research</i> 61:81-94.
855	Nawaz, M.A., Krutovsky, K.V., Mueller, M., Gailing, O., Khan, A.A., Buerkert, A., & M. Wiehle. 2018. Morphological and genetic diversity of sea buckthorn (<i>Hippophae rhamnoides</i> L.) in the Karakoram Mountains of northern Pakistan. <i>Diversity</i> 10:76.
854	Pavlov, I. N., Y. A Litovka, T. V. Ryazanova, N. A. Chuprova, Y. A. Putintseva, K. V. Krutovsky, 2018 Pathogenic and wood-destroying properties of <i>Porodaedalea niemela</i> M. Fischer in the open woodlands of <i>Larix gmelinii</i> in the permafrost area. <i>Journal of Siberian Federal University. Biology</i> 11(4)
853	Yucedag, C., Gailing, O., Bilir, N. & H.B. Özel. Growth traits of <i>Quercus macranthera</i> subsp. <i>sypsiensis</i> populations in Turkey and their associations with environmental variables. <i>Fresenius Environmental Bulletin</i> 27:6362-6368.
852	Saskia C. Friedrich, José C. Hernández-Díaz, Ludger Leinemann, José A. Prieto-Ruíz, and Christian Wehenkel. 2018. Spatial Genetic Structure in Seed Stands of <i>Pinus arizonica</i> Engelm. and <i>Pinus cooperi</i> Blanco in the State of Durango, Mexico, <i>For. Sci.</i> 64(2):191–202
851	Leinemann, L., Hosius, B., Bergmann, F., Arenhövel, W., Rogge, M., Voth, W. & O. Gailing. 2017. DNS-Genmarker Analysen an Uralteichen in verschiedenen Regionen Deutschlands. <i>Allgemeine Forst- und Jagdzeitung</i> 188:210-221.
850	Müller M, Finkeldey R (2017) Genetic and adaptive trait variation in seedlings of European beech provenances from Northern Germany. <i>Silvae Genetica</i> 65, 65-73. doi: 10.1515/sg-2016-0018
849	Wu, Y., R. Zhang, R., Staton, M., Schlarbaum, S.E., Coggeshall, M.V., Romero-Severson, J., Carlson, J.E., Zembower, N., Liang, H., Xu, Y., Drautz-Moses, D.I., Schuster, S.C & O. Gailing. 2017. Development of genic and genomic microsatellites in <i>Gleditsia triacanthos</i> L. (Fabaceae) using Illumina sequencing. <i>Annals of Forest Research</i> 60:343-350.
848	Harmon, M., Lane, T., Staton, M., Coggeshall, M.V., Best, T., Chen, C.-C., Liang, H., Zembower, N., Drautz-Moses, D.I., Hwee, Y. Z., Schuster, S.C., Schlarbaum, S.E., John E. Carlson, J.E. & O. Gailing. 2017. Development of novel genic microsatellite markers from transcriptome sequencing in sugar maple (<i>Acer saccharum</i> Marsh.). <i>BMC Research Notes</i> 10:369
847	Khodwekar, S. & O. Gailing. 2017. Evidence for environment-dependent introgression of adaptive genes between two red oaks species with different drought adaptations. <i>American Journal of Botany</i> 104: 1088-1098.
846	Nuroniah, H.S., Gailing, O. & R. Finkeldey. 2017. Development of a diagnostic DNA marker for the geographic origin of <i>Shorea leprosula</i> . <i>Holzforschung. International Journal of the Biology, Chemistry, Physics, and Technology of Wood</i> 71:1-10.
845	Leinemann, L., Hosius, B., Bergmann, F., Arenhövel, W., Rogge, M., Voth, W. & O. Gailing. 2017. DNS-Genmarker Analysen an Uralteichen in verschiedenen Regionen Deutschlands. <i>Allgemeine Forst- und Jagdzeitung</i> 188:210-221.
844	Semerikov, V.L., S.A. Semerikova, Y.A. Putintseva, V. V. Tarakanov, I. V. Tikhonova, A. I. Vidyakin, N.V. Oreshkova, and K.V. Krutovsky, 2017 Colonization history of Scots pine in Eastern Europe and North Asia based on mitochondrial DNA variation. <i>Tree Genetics and Genomes</i> (accepted)

Publikationen seit 2006

843	Johnson, J.S., P. Chhetri, K. V. Krutovsky, and D. M. Cairns, 2017 Growth and Its Relationship to Individual Genetic Diversity of Mountain Hemlock (<i>Tsuga mertensiana</i>) at Alpine Treeline in Alaska: Combining Dendrochronology and Genomics. <i>Forests</i> 8(11): 418; doi: 10.3390/f8110418; http://www.mdpi.com/1999-4907/8/11/418
842	Moskalev, A. A., A. V. Kudryavtseva, A. S. Grafodatsky, V. R. Beklemisheva, N. A. Serdyukova, K. V. Krutovsky, V. V. Sharov, I. V. Kulakovsky, A. S. Lando, A. S. Kasianov, A. V. Snezhkina ¹ , D. A. Kuzmin, Y. A. Putintseva, S. I. Feranchuk, M. V. Shaposhnikov, V. Fraifeld ¹ , M. Toren, V. V. Sitnik, 2017 De novo assembling and primary analysis of genome and transcriptome of gray whale <i>Eschrichtius robustus</i> . <i>BMC Evolutionary Biology</i> (accepted)
841	Ali, H. B. M., A. Abubakari, M. Wiehle, K. V. Krutovsky, 2017 Gene-specific sex-linked genetic markers in date palm (<i>Phoenix dactylifera</i> L.). <i>Genetic Resources and Crop Evolution</i> (on line first); doi: 10.1007/s10722-017-0564-7; https://link.springer.com/article/10.1007/s10722-017-0564-7
840	Oreshkova, Yu. A. Putintseva, V. V. Sharov, D. A. Kuzmin, and K. V. Krutovsky, 2017 Development of Microsatellite Genetic Markers in Siberian larch (<i>Larix sibirica</i> Ledeb.) Based on the De Novo Whole Genome Sequencing. <i>Russian Journal of Genetics</i> 53(11): 1194–1199; doi: 10.1134/S1022795417110096; https://doi.org/10.1134/S1022795417110096
839	Abdulai, I., K. V. Krutovsky, R. Finkeldey, 2017 Morphological and genetic diversity of Shea tree (<i>Vitellaria paradoxa</i>) in the Savannah regions of Ghana. <i>Genetic Resources and Crop Evolution</i> 64(6):1253–1268; doi: 10.1007/s10722-016-0434-8; https://link.springer.com/article/10.1007/s10722-016-0434-8
838	Lu, M., K. V. Krutovsky, C.D. Nelson, J. B. West, N. A. Reilly, and C. A. Loopstra, 2017 Association genetics of growth and adaptive traits in loblolly pine (<i>Pinus taeda</i> L.) using whole exome-discovered polymorphisms. <i>Tree Genetics and Genomes</i> 13(3): 57; doi: 10.1007/s11295-017-1140-1; http://link.springer.com/article/10.1007/s11295-017-1140-1
837	Johnson, J.S., K. D. Gaddis, D. M. Cairns, K. Konganti, and K. V. Krutovsky, 2017 Landscape genomic insights into the historic migration of mountain hemlock in response to Holocene climate change. <i>American Journal of Botany</i> 104(3): 439-450; doi: 10.3732/ajb.1600262; http://www.amjbot.org/content/104/3/439.short
836	Johnson, J.S., K. D. Gaddis, D. M. Cairns, and K. V. Krutovsky, 2017 Seed dispersal at alpine treeline: an assessment of seed movement within the alpine treeline ecotone. <i>Ecosphere</i> 8(1):e01649; doi: 10.1002/ecs2.1649; http://onlinelibrary.wiley.com/doi/10.1002/ecs2.1649/full
835	Müller M, Seifert S, Lübke T, Leuschner C, Finkeldey R (2017) De novo transcriptome assembly and analysis of differential gene expression in response to drought in European beech. <i>PLOS ONE</i> 12: e0184167. doi: 10.1371/journal.pone.0184167
834	Müller M, Seifert S, Finkeldey R (2017) Comparison and confirmation of SNP-bud burst associations in European beech populations in Germany. <i>Tree Genetics and Genomes</i> 13: 59. doi: 10.1007/s11295-017-1145-9
833	Johnson, J.S., K. D. Gaddis, D. M. Cairns, and K. V. Krutovsky, 2017 Seed dispersal at alpine treeline: an assessment of seed movement within the alpine treeline ecotone. <i>Ecosphere</i> 8(1):e01649. doi: 10.1002/ecs2.1649
832	Lu, M., K. V. Krutovsky, C.D. Nelson, T. E. Koralewski, T. D. Byram, and C. A. Loopstra, 2016 Exome genotyping, linkage disequilibrium and population structure in loblolly pine (<i>Pinus taeda</i> L.). <i>BMC Genomics</i> 17:730; doi: 10.1186/s12864-016-3081-8; http://rdcu.be/nmd3 , http://www.biomedcentral.com/content/pdf/s12864-016-3081-8.pdf
831	Koralewski, T. E., M. Mateos, and K. V. Krutovsky, 2016 Conflicting genomic signals affecting phylogenetic inference in four species of North American pines. <i>AoB Plants</i> 8: plw019; doi:10.1093/aobpla/plw019; http://aobpla.oxfordjournals.org/content/8/plw019.full.pdf+html

Publikationen seit 2006

830	Johnson, J.S., K. D. Gaddis, D. M. Cairns, C. W. Lafon, and K. V. Krutovsky, 2016 Plant responses to global change: Next generation biogeography. <i>Physical Geography</i> 37(2): 93–119; doi: 10.1080/02723646.2016.1162597; https://doi.org/10.1080/02723646.2016.1162597
829	Irawan, B., Gruber, F., Finkeldey, R. & O. Gailing. 2016. Linking indigenous knowledge, plant morphology, and molecular differentiation: the case of ironwood (<i>Eusideroxylon zwageri</i> Teijm. et Binn.). <i>Genetic Resources and Crop Evolution</i> 63: 1297-1306.
828	Minn, Y., Gailing, O. & R. Finkeldey. 2016. Genetic diversity and structure of teak (<i>Tectona grandis</i> Linn. f.) and dahat (<i>Tectona hamiltoniana</i> Wall.) based on chloroplast microsatellites and Amplified Fragment Length Polymorphism markers. <i>Genetic Resources and Crop Evolution</i> 63: 961-974.
827	Lu, M., K. V. Krutovsky, C.D. Nelson, T. E. Koralewski, T. D. Byram, and C. A. Loopstra, 2016 Exome genotyping, linkage disequilibrium and population structure in loblolly pine (<i>Pinus taeda</i> L.). <i>BMC Genomics</i> 17:730 (http://rdcu.be/nmd3 , http://www.biomedcentral.com/content/pdf/s12864-016-3081-8.pdf)
826	Abdulai, I., K. V. Krutovsky, R. Finkeldey, 2016 Morphological and genetic diversity of Shea tree (<i>Vitellaria paradoxa</i>) in the Savannah regions of Ghana. <i>Genetic Resources and Crop Evolution</i> (http://link.springer.com/article/10.1007/s10722-016-0434-8)
825	Belokon, M. M., D. V. Politov, E. A. Mudrik, T. A. Polyakova, A. V. Shatokhina, Yu. S. Belokon, N. V. Oreshkova, Yu. A. Putintseva, V. V. Sharov, D. A. Kuzmin, and K. V. Krutovsky, 2016 Development of Microsatellite Genetic Markers in Siberian Stone Pine (<i>Pinus sibirica</i> Du Tour) Based on the De Novo Whole Genome Sequencing. <i>Russian Journal of Genetics</i> 52(12): 1284?1292
824	Sadovsky, M. G., V. V. Birukov, Y. A. Putintseva, and K. V. Krutovsky, 2016 Intriguing symmetry in statistical structures of Siberian larch transcriptome. arXiv:1604.00001 [q-bio.OT] http://arxiv.org/abs/1604.00001 .
823	Sadovsky, M. G., E. I. Bondar, Y. A. Putintseva, and K. V. Krutovsky, 2016 <i>P. sibirica</i> Ledeb. chloroplast genome yields unusual seven-cluster structure. arXiv:1604.04398v1 [q-bio.GN] http://arxiv.org/abs/1604.04398 .
822	Krutovsky K.V., 2016 <i>Pinus sibirica</i> and <i>Larix sibirica</i> whole genome de novo sequencing. In Proceedings of the 2nd International Scientific Conference «Science of the Future», September 20-23, 2016, Kazan, http://sf-conf.com) and the 2nd International Scientific Forum of Young Scientists "Science of the future ? science of youth" (http://sfy-conf.ru/), p. 8 (http://sf-conf.com/assets/files/program_sf-conf_en.pdf)
821	Krutovsky K.V., Romashkina I.V., Razdaivodin A.N., Radin A.I., Romashkin D.Y. Study of genetic mutations and fluctuating asymmetry in Scots pine (<i>Pinus sylvestris</i> L.) and silver birch (<i>Betula pendula</i> Roth) populations growing under the chronic radioactive contamination. In Proceedings of the International Conference and School for Young Scientists ?Factors of plant and microorganism resistance in extremal nature conditions and technogenic environment?, p. 254-255. September 12?15, 2016, Irkutsk, Russia (http://www.sifibr.irk.ru/en/institute/163-institute/news/announces/798-2016-03-29.html ; http://www.sifibr.irk.ru/images/conference/2016-09-19/sbornik_materialov_conf2016.pdf)
820	Krutovsky K.V., 2016 <i>Pinus sibirica</i> and <i>Larix sibirica</i> whole genome de novo sequencing. In Proceedings of the 2nd International Scientific Conference «Science of the Future», September 20-23, 2016, Kazan, http://sf-conf.com) and the 2nd International Scientific Forum of Young Scientists "Science of the future ? science of youth" (http://sfy-conf.ru/), p. 8 (http://sf-conf.com/assets/files/program_sf-conf_en.pdf)
819	Gillet E, Ziehe M (2016) Wie Wind die genetische Variation im Saatgut beeinflussen kann. S. 56-65. In Liesebach M (ed): Forstgenetik und Naturschutz: 5. Tagung der Sektion Forstgenetik/Forstpflanzenzüchtung am 15./16. Juni 2016 in Chorin; Tagungsband. Braunschweig:

Publikationen seit 2006

	Johann Heinrich von Thünen-Institut, 95 p. Thünen Rep 45. https://www.thuenen.de/media/publikationen/thuenen-report/Thuenen_Report_45.pdf
818	Degen B, Blanc-Jolivet C, Stierand K, Gillet E (2017) A nearest neighbour approach by genetic distance to the assignment of individual trees to geographic origin. <i>Forensic Science International: Genetics</i> 27, 132-141. http://dx.doi.org/10.1016/j.fsigen.2016.12.011
817	Gregorius, H.-R., Kosman, E. (2017) On the notion of dispersion: from dispersion to diversity. <i>Methods in Ecology and Evolution</i> 8(3), 278-287. http://dx.doi.org/10.1111/2041-210X.12665
816	Gregorius, H.-R. (2016) Effective numbers in the partitioning of biological diversity. <i>Journal of Theoretical Biology</i> 409, 133-147. http://dx.doi.org/10.1016/j.jtbi.2016.08.037
815	Dempfle, L., Frese, L., Gregorius, H.-R., Janßen, A., Wedekind, H. (Hrsg.) (2016) Nachhaltige Züchtung: Betrachtungen zum Umgang mit genetischen Ressourcen in Nutzungssystemen - Pflanzenbau - Tierproduktion - Forst- und Fischereiwesen. Agrobiodiversität Band 38 - Schriftenreihe des Informations- und Koordinationszentrums für Biologische Vielfalt, Bundesanstalt für Landwirtschaft und Ernährung, Berlin, 2016. E-paper http://www.genres.de/fileadmin/SITE_GENRES/downloads/schriftenreihe/NHZ_fuer_Schriftenreihe_Band_38_Final.pdf
814	Hodac L., Bahrul Ulum F., Opfermann N., Breidenbach N., Hojsgaard D., Sudarmiyati Tjitrosoedirdjo S., Vornam B., Finkeldey R., Hörandl E (2016) Population Genetic Structure and Reproductive Strategy of the Introduced Grass <i>Centotheca lappacea</i> in Tropical Land- Use Systems in Sumatra. <i>PLOS ONE</i> DOI:10.1371/journal.pone.0147633
813	Koralewski, T. E., M. Mateos, and K. V. Krutovsky, 2016 Conflicting genomic signals affecting phylogenetic inference in four species of North American pines. <i>AoB Plants</i> (http://aobpla.oxfordjournals.org/content/early/2016/04/08/aobpla.plw019.full.pdf+html)
812	Johnson, J.S., K. D. Gaddis, D. M. Cairns, C. W. Lafon, and K. V. Krutovsky, 2016 Plant responses to global change: Next generation biogeography. <i>Physical Geography</i> (http://dx.doi.org/10.1080/02723646.2016.1162597)
811	Sadovsky, M. G., Y. A. Putintseva, V. V. Birukov, S. Novikova, and K. V. Krutovsky, 2016 De novo assembly and cluster analysis of Siberian larch transcriptome and genome. <i>Lecture Notes in Bioinformatics</i> . 9656: 455-464.
810	Babushkina E. A., E. A. Vaganov, A. M. Grachev, N. V. Oreshkova, L. V. Belokopytova, T. V. Kostyakova , and K. V. Krutovsky, 2016 The effect of individual genetic heterozygosity on general homeostasis, heterosis and resilience in Siberian larch (<i>Larix sibirica</i> Ledeb.) using dendrochronology and microsatellite loci genotyping. <i>Dendrochronologia</i> 38: 26-37.
809	Zhang, C., R. Finkeldey, and K. V. Krutovsky, 2016 Genetic diversity and parentage analysis of aspen demes. <i>New Forests</i> 47(1): 143-162.
808	Sadovsky, M. G., E. I. Bondar, Y. A. Putintseva, N. V. Oreshkova, E. A. Vaganov, and K. V. Krutovsky, 2015 Seven-Cluster Structure of Chloroplast Genome. <i>Journal of Siberian Federal University. Biology</i> 8(3): 268-277.
807	Semerikov, V.L., Y.A. Putintseva, N.V. Oreshkova, and K.V. Krutovsky, 2015 Development of mitochondrial DNA markers in Scots pine (<i>Pinus sylvestris</i> L.) for population genetics and phylogeography studies. <i>Russian Journal of Genetics</i> 51(12): 1386-1390.
806	Dasgupta, M. G., V. Dharanishanthi, I. Agarwal, and K. V. Krutovsky, 2015 Development of genetic markers in Eucalyptus species by target enrichment and exome sequencing. <i>PLoS One</i> 10(1): e0116528. doi:10.1371/journal.pone.011652.

Publikationen seit 2006

805	Sadovsky, M. G., V. V. Birukov, Y. A. Putintseva, N. V. Oreshkova, E. A. Vaganov, and K. V. Krutovsky, 2015 Symmetry of Siberian Larch Transcriptome. <i>Journal of Siberian Federal University. Biology</i> 8(3): 278-286.
804	Müller M, Seifert S, Finkeldey R (2015) A candidate gene-based association study reveals SNPs significantly associated with bud burst in European beech (<i>Fagus sylvatica</i> L.). <i>Tree Genetics and Genomes</i> 11: 116. doi: 10.1007/s11295-015-0943-1
803	Müller M*, Seifert* S, Finkeldey R (2015) Identification of SNPs in candidate genes potentially involved in bud burst in European beech (<i>Fagus sylvatica</i> L.). <i>Silvae Genetica</i> 64: 1-20. *equal contribution
802	Koralewski, T. E., M. Mateos, and K. V. Krutovsky, 2015 Phylogeny of Major Southern Pines (Subsection Australes, Genus <i>Pinus</i> , Family Pinaceae). In: Proceedings 33rd Southern Forest Tree Improvement Conference (SFTIC), June 8-11, 2015, Hot Springs, Arkansas, USA. (http://www.afrc.uamont.edu/sftic)
801	Tretyakova, I., A. Ivanitskaya, M. Park, E. Voroshilova, N. Oreshkova, K. Krutovsky, 2015. Megagametophyte in vitro tissue culture of <i>Pinus sibirica</i> and <i>Larix sibirica</i> and somaclonal variation. In Park, Y.S. and Bonga, J.M. (eds.). Proceedings of the 3rd international conference of the IUFRO unit 2.09.02 on "Woody plant production integrating genetic and vegetative propagation technologies", pp. 45-57. September 8-12, 2014. Vitoria-Gasteiz, Spain (http://www.iufro20902.org or
800	Hansen OK, Changtragoon S, Ponoy B, Kjær ED, Minn Y, Finkeldey R, Nielsen KB, Graudal L (2015) Genetic resources of teak (<i>Tectonagrandis</i> Linn. F.) strong genetic structure among natural populations. <i>TREE GENET GENOMES</i> 11: 802
799	Zhang CX, Vornam B, Volmer K, Prinz K, Kleemann F, Köhler L, Polle A, Finkeldey R (2015) Genetic variation in aspen in relation to arthropod abundance. <i>FRONT PLANT SCI</i> 5: 806. http://www.iufro.org/science/divisions/division-2/20000/20900/20902/publications
798	Craciunesc I., Vornam B., Leinemann L., Finkeldey R., Sofletea N., Curtu A.L., (2015) High Genetic Differentiation among European White Oak Species (<i>Quercus</i> spp.) at a Dehydrin Gene. Academic Press, ISSN 0255-965X; Electronic 1842-4309
797	Prinz, K., Finkeldey, R. (2015) Characterization and transferability of microsatellite markers developed for <i>Carpinus betulus</i> (Betulaceae). <i>APPLICATIONS IN PLANT SCIENCES</i> 3: 1500053
796	Dasgupta, M.G., Dharanishanthi, V., Agarwal, I., Krutovsky, K.V. (2015) Development of genetic markers in eucalyptus species by target enrichment and exome sequencing. <i>PLOS ONE</i> 10: e0116528
795	Krutovsky, K.V., Tretyakova, I.N., Oreshkova, N.V., Pak, M.E., Kvitko, O.V., Vaganov, E.A. (2015) Somaclonal variation of haploid in vitro tissue culture obtained from Siberian larch (<i>Larix sibirica</i> Ledeb.) megagametophytes for whole genome de novo sequencing. <i>PLOS ONE</i> 10: e0116528
794	Gregorius, H.-R., Gillet, E.M. (2015) Classifying measures of biological variation. <i>PLOS ONE</i> 10: e0115312. doi: 10.1371/journal.pone.0115312
793 a	Gregorius, H.-R. (2014) Partitioning of diversity: the "within communities" component. <i>Web Ecology</i> 14, 51-60. http://dx.doi.org/10.5194/we-14-51-2014
793	Carsjens C, Nguyen Ngoc Q, Guzy J, Knutzen F, Meier IC, 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. <i>TREE PHYSIOL</i> 34(12): 1348-61, doi: 10.1093/treephys/tpu093
792	Minn Y, Prinz K, Finkeldey R (2014) Genetic variation of teak (<i>Tectonagrandis</i> Linn. f.) in Myanmar revealed by microsatellites. <i>TREE GENET GENOMES</i> 10: 1435-1449

Publikationen seit 2006

791	Wickneswari R, Rajora OP, Finkeldey R, Aravanopoulos F, Bouvet JM, Vaillancourt RE, Kanashiro M, Fady B, Tomita M, Vinson C (2014) Genetic Effects of Forest Management Practices: Global Synthesis and Perspectives. <i>FOREST ECOL MANAG</i> 333: 52-65
790	Wiehle M, Prinz K, Kehlenbeck K, Goenster S, Mohamed SA, Finkeldey R, Bürkert A, Gebauer J (2014) The African baobab (<i>Adansoniadigitata</i> L.) genetic resources in neglected populations of the Nuba mountains, Sudan. <i>AM J BOT</i> 101: 1498-1507
789	Müller M (2014) A candidate gene-based association study to investigate potentially adaptive genetic variation in European beech (<i>Fagus sylvatica</i> L.). In: Universität Göttingen
788	Krutovsky, K. V., N. V. Oreshkova, Yu. A. Putintseva, E. A. Shilkina, I. N. Pavlov, A. A. Ibe, K. O. Deich, I. N. Tretyakova, and E. A. Vaganov, 2014 Genomic studies of boreal forest. Proceedings of the All-Russian scientific conference with international participation dedicated to the 70th anniversary of the V.N. Sukachev Institute of Forest of the Siberian Branch of the Russian Academy of Sciences (SB RAS) "Forest biogeocenoses of the boreal zone: geography, structure, functions, and dynamics", September 16-19, 2014, Krasnoyarsk, Russia. Siberian Branch of Russian Academy of Sciences Publisher, Novosibirsk, pp. 19-22.
787	Koralewski, T. E., J. E. Brooks, and K. V. Krutovsky, 2014 Molecular evolution of drought tolerance and wood strength related candidate genes in loblolly pine (<i>Pinus taeda</i> L.). <i>Silvae Genetica</i> 63(1-2): 59-66.
786	Krutovsky, K. V., 2014 Prospects for genomic research in forestry. <i>Siberian Journal of Forest Science</i> 1(4): 11-15.
785	Shilkina, E. A., N. V. Oreshkova, A. A. Ibe, K. O. Deich, and K. V. Krutovsky, 2014 Development of cytoplasmatic SSR-markers in <i>Pinus sibirica</i> Du Tour for population genetic studies. <i>Siberian Journal of Forest Science</i> 1(4): 21-24.
784	Krutovsky, K. V., N. V. Oreshkova, Yu. A. Putintseva, A. A. Ibe, K. O. Deich, and E. A. Shilkina, 2014 Preliminary results of de novo whole genome sequencing of Siberian larch (<i>Larix sibirica</i> Ledeb.) and Siberian stone pine (<i>Pinus sibirica</i> Du Tour.). <i>Siberian Journal of Forest Science</i> 1(4): 79-83.
783	Krutovsky, K. V., N. V. Oreshkova, Yu. A. Putintseva, A. A. Ibe, K. O. Deich, and E. A. Shilkina, 2014 Preliminary results of de novo whole genome sequencing of Siberian larch (<i>Larix sibirica</i> Ledeb.) and Siberian stone pine (<i>Pinus sibirica</i> Du Tour.). <i>Siberian Journal of Forest Science</i> 1(4): 79-83.
782	Krutovsky, K. V., I. N. Tretyakova, N. V. Oreshkova, M. E. Pak, O. V. Kvitko, and E. A. Vaganov, 2014 Somaclonal variation of haploid in vitro tissue culture obtained from Siberian larch (<i>Larix sibirica</i> Ledeb.) megagametophytes for whole genome de novo sequencing. <i>In Vitro Cellular and Developmental Biology ? Plant</i> 50(5): 655-664.
781	Krutovsky, K. V., I. N. Tretyakova, N. V. Oreshkova, M. E. Pak, O. V. Kvitko, and E. A. Vaganov, 2014 Somaclonal variation of haploid in vitro tissue culture obtained from Siberian larch (<i>Larix sibirica</i> Ledeb.) megagametophytes for whole genome de novo sequencing. <i>In Vitro Cellular and Developmental Biology ? Plant</i> 50(5): 655-664.
780	Koralewski, T. E., J. E. Brooks, and K. V. Krutovsky, 2014 Molecular evolution of drought tolerance and wood strength related candidate genes in loblolly pine (<i>Pinus taeda</i> L.). <i>Silvae Genetica</i> 63(1-2): 59-66.
779	Carsjens C, Nguyen QN, Guzy J, Knutzen F, Meier IC, Müller M, Finkeldey R, Leuschner C, Polle A (2014) Intra-specific variations of stress-related genes in beech progenies are stronger than drought-induced responses. <i>Tree Physiology</i> 34: 1348-1361. doi: 10.1093/ treephys/tpu093

Publikationen seit 2006

778	Müller M (2014) A candidate gene-based association study to investigate potentially adaptive genetic variation in European beech (<i>Fagus sylvatica</i> L.). Dissertation. Georg-August-University Göttingen, Germany
777	Ratnam, W., 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. <i>FOREST ECOLOGY AND MANAGEMENT</i> 333 (Special Issue): 52-65.
776	Gregorius, H.-R. (2014) Partitioning of trait variation among communities: measures of apportionment and differentiation based on binary sampling. <i>THEORETICAL ECOLOGY</i> 7: 313-324
775	Barrandeguy ME, Garcia MV, Prinz K., Pomar RR, Finkeldey R. (2014) Genetic structure of disjunct populations of the subtropical tree <i>Anadenanthera colubrina</i> var. <i>cebil</i> (Fabaceae). <i>PLANT SYST EVOL</i> , DOI 10.1007/s00606-014-0995-Y: 13 Seiten
774	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 <i>Anadenantheracolubrina</i> var. <i>cebil</i> from Yungas and Paranaense biogeographic provinces in Argentina. <i>J GENET</i> , 93: DOI 10.1007/s12041-014-0347-2, 10 Seiten
773	Koralewski, T.E., Brooks, J.E., Krutovsky, K.V. (2014) Molecular evolution of drought tolerance and wood strength related candidate genes in loblolly pine (<i>Pinus taeda</i> L.). <i>Silvae Genetica</i> 63 (1-2): 59-66
772	Gregorius H.R., Gillet E.M., Ziehe M., (2014) Relating measures of compositional differentiation among communities to conceptual models of migration and selection. <i>Ecological Modelling</i> , 279: 24-35. doi: 10.1016/j.ecolmodel.2014.02.002
771	Leinemann L., Kleinschmidt J., Fussi B., Hosius B., Kuchma O., Areenhövel W., Lemmen P., Kätzel R., Rogge M., Finkeldey R. (2014) Genetic composition and differentiation of sloe (<i>Prunus spinosa</i> L.) populations in Germany with respect to the tracing of reproduction plant material. <i>PLANT SYST EVOL</i> , DOI 10.1007/s00606-014-1027-7: 11 Seiten
770 a	Bergmann, F., Gregorius, H.-R., Kownatzki, D., Wehenkel, Chr. (2013): Different diversity measures and genetic traits reveal different species-genetic diversity relationships: A case study in forest tree communities. <i>Silvae Genetica</i> 62, 25-37. http://www.sauerlaender-verlag.com/index.php?id=1151
770	Leinemann, L., Hosius, B., Kahlert, K., Kuchma, O., Czernikar, H., Arenhövel, W., Helmecke, K.: Genmarkeranalysen zur Hybridbildung und natürlichen Vermehrung bei <i>Sorbus latifolia</i> agg. in Thüringen. <i>Allg. Forst- u. J.- Ztg.</i> , 184, Jg., 9/10, 2013
769	Tinio CE, Finkeldey R., Fernando ES (2014) Genetic variation in natural and planted populations of Shorea guiso (<i>Dipterocarpaceae</i>) in the Philippines revealed by microsatellite DANN markers. <i>ASIA LIFE SCI</i> , 23: 75-91
768	Bergmann F., Hosius B., Leinemann L. (2013) Genetic differentiation and phylogenetic relationships among six <i>Abies</i> species from European and Turkish areas. <i>Research in Plant Biology</i> , 3: 27-32.
767	Papageorgiou AC, Tsiripidis I, Mouratidis T., Hatziskakis S., Gailing O., Eliades NGH, Vidalis A., Drouzas AD, Finkeldey R., (2014) Complex fine-scale phylogeographic patterns in a putative refugial region of <i>Fagus Sylvatica</i> (Fagaceae). <i>BOT J LINN SOC</i> , 174: 516-528
766	Gailing, O., Bodénès, C., Finkeldey, R., Kremer, A., Plomion, C.: Genetic mapping of EST-derived Simple Sequence Repeats (EST-SSRs) to identify QTL for leaf morphological characters in a <i>Quercus robur</i> full-sib family. <i>Tree Genetics and Genomes</i> , 9: 1361-1367, 2013

Publikationen seit 2006

765	Rajendra KC 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 (<i>Fagus sylvatica</i>). <i>FOREST ECOL MANAg</i> , 318: 139-149
764	Lang, C., Finkeldey, R., Polle, A.: Spatial patterns of ectomycorrhizal assemblages in a monospecific forest in relation to host tree genotype. <i>Frontiers in Plant Science</i> , 4: 103, 2013
763	Gillet E.M., (2013) DifferInt: Compositional differentiation among populations at three levels of genetic integration. <i>MOL ECOL RESOUR</i> , 13: 953-964. doi: 10.1111/1755-0998.12145
762	Chhatre, V., Byram, T., Neale, D.B., Wegrzyn, J.L., Krutovsky, K.V.: Genetic structure and association mapping of adaptive and selective traits in the East Texas loblolly pine (<i>Pinus taeda</i> L.) breeding populations. <i>Tree Genetics and Genomes</i> , 9(5), 1161-1178, 2013.
761	Villarin, R. A.: Genetic variation patterns of <i>Shorea contorta</i> and <i>Parashorea malaanonan</i> (Dipterocarpaceae) in the Philippines. Cuvillier Verlag, 202 Seiten, 2013.
760	Leinemann, L., Steiner, W., Hosius, B., Kuchma, O., Arenhovel, W., Fussi, B., Haase, B., Kätzel, R., Rogge, M., Finkeldey, R.: Genetic variation of chloroplast and nuclear markers in natural populations of hazelnut (<i>Corylus avellana</i> L.) in Germany. <i>Plant Systematics and Evolution</i> 299, 369-378, 2013.
759	Müller A., Horna V., Kleemann F., Vornam B., Leuschner C. (2013) Physiological vs. morphological traits controlling the productivity of six aspen full-sib families. <i>BIOMASS BIOENERG</i> , 56: 274-283.
758	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.: Nuclear and chloroplast DNA phylogeography reveals Pleistocene divergence and subsequent secondary contact of two genetic lineages of the tropical rainforest tree species <i>Shorea leprosula</i> (Dipterocarpaceae) in South-East Asia. <i>Molecular Ecology</i> 22, 2264-2279, 2013.
757	Vidalis, A., Curtu, A.L., Finkeldey, R.: Novel SNP development and analysis at a NADP(+)-specific IDH enzyme gene in a four species mixed oak forest. <i>Plant Biology</i> 15, 126-137, 2013.
756 a	Gregorius, H.-R. (2012) Assessing biological variation from the perspective of diversity. <i>Ecological Modelling</i> 224, 1-10. http://dx.doi.org/10.1016/j.ecolmodel.2011.10.025 .
756	Krutovsky, K.V., Burczyk, J., Chybicki, I., Finkeldey, R., Pyhäjärvi, T., Robledo-Arnuncio, J.J. Gene flow, spatial structure, local adaptation and assisted migration in trees. <i>Genomics of Tree Crops</i> , Ch 4, pp. 71-116. Springer Science, Inc., 2012
755	Zhang, C.: Genetic analysis of aspen (<i>Populus tremula</i> L. and <i>Populus tremuloides</i> Michx.) in a diversity experiment. Cuvillier Verlag, 126 Seiten, 2012.
754	Minn, Y.: Investigations of genetic variation of teak (<i>Tectona grandis</i> Linn. f.) in Myanmar for conservation and sustainable utilization of genetic resources. <i>Untersuchungen zur genetischen Variation von Teak (Tectona grandis Linn. f.) in Myanmar als Grundlage für die Erhaltung und nachhaltige Nutzung genetischer Ressourcen.</i> Universitätsverlag Göttingen, 121 Seiten, 2012.
753	Seifert, S.: Variation of candidate genes related to climate change in European beech (<i>Fagus sylvatica</i> L.). <i>Variation klimawandelrelevanter Kandidatengene bei der Rotbuche (Fagus sylvatica L.).</i> Universitätsverlag Göttingen, 142 Seiten, 2012.
752	Seifert, S., Vornam, B., Finkeldey, R.: A set of 17 single nucleotide polymorphism (SNP) markers for European beech (<i>Fagus sylvatica</i> L.). <i>Conservation Genetics Resources</i> 4, 1045-1047, 2012.
751	Seifert, S., Vornam, B., Finkeldey, R.: DNA sequence variation and development of SNP markers in beech (<i>Fagus sylvatica</i> L.). <i>European Journal of Forest Research</i> 131, 1761-1770, 2012.

Publikationen seit 2006

750	Barrandeguy, M.E, Prinz, K., Garcia, M.V., Finkeldey, R.: Development of Microsatellite Markers for <i>Anadenanthera Colubrina</i> Var. <i>Cebil</i> (Fabaceae), a native tree from South America. <i>American Journal of Botany</i> 99, E372-E374, 2012.
749	Iwanaga, H., Teshima, K.M., Khatab, I.A., Inomata, N., Finkeldey, R., Siregar, I.Z., Siregar, U.J., Szmidt, A.E.: Population structure and demographic history of a tropical lowland rainforest tree species <i>Shorea parvifolia</i> (Dipterocarpaceae) from Southeastern Asia. <i>Ecology and Evolution</i> 2, 1663-1675, 2012.
748	Pandey, M., Gailing, O., Hattemer, H.H., Finkeldey, R.: Fine-scale spatial genetic structure of sycamore maple (<i>Acer pseudoplatanus</i> L.). <i>European Journal of Forest Research</i> 131, 739-746, 2012
747	Perovic, M., Prinz, K., Finkeldey, R., Cvjeticanin, R.: Genetic variation of Greek maple (<i>Acer heldreichii</i> Orph.) populations in the Western Balkan region. <i>Allgemeine Forst und Jagdzeitung</i> 183, 248-256, 2012.
746	Landergott, U., Gugerli, F., Hoebee, S.E., Finkeldey, R., Holderegger, R.: Effects of seed mass on seedling height and competition in European white oaks. <i>Flora</i> 207, 721-725, 2012.
745	Vornam, B., Arkhipov, A., Finkeldey, R.: Nucleotide diversity and gene expression of Catalase and Glutathione peroxidase in irradiated Scots pine (<i>Pinus sylvestris</i> L.) from the Chernobyl exclusion zone. <i>Journal of Environmental Radioactivity</i> 106, 20-26, 2012.
744	Gillet, E. M., Ziehe, M.: Auswirkungen von Genfluss zwischen Beständen auf großräumige genetische Variationsmuster, Metapopulationsstudien am Beispiel des Sollings. <i>Forstarchiv</i> 83, 4-11, 2012.
743	Finkeldey, R., Vornam, B., Kuchma, O.: Genetische Reaktionen auf extreme Umweltveränderungen am Beispiel von Kiefern bei Tschernobyl. <i>Forstarchiv</i> 83, 41-47, 2012.
742	Kleinschmit, J.R.G., Hosius, B., Leinemann, L.: Gefährdung von Wildapfelsamenplantagen durch Genfluss. <i>Forstarchiv</i> 83, 19-25, 2012.
741	Müller-Starck, G., Konnert, M., Ziehe, M., Klumpp, R.: Das Translokationsexperiment Koralm, Untersuchungen über den Einfluss der Höhenlage auf die genetischen Strukturen von Lärche, Latsche und Fichte. <i>Forstarchiv</i> 83, 126-135, 2012.
740	Bodénès, C., Chancerel, E., Gailing, O., Vendramin, G.G., Bagnoli, F., Durand, J., Goicoechea, P.G., Soliani, C., Villani, F., Mattioni, C., Koelewijn, H.P., Murat, F., Salse, J., Roussel, G., Boury, C., Alberto, F., Kremer, A., Plomion, C.: Comparative mapping in the Fagaceae and beyond with EST-SSRs. <i>BMC Plant Biol</i> 12, 153, 2012.
739 b	Gregorius, H.-R. (2011) The analysis of association between traits when differences between trait states matter . <i>Acta Biotheoretica</i> 59: 213-229. http://dx.doi.org/10.1007/s10441-011-9138-9 .
739 a	Gregorius, H.-R., Kownatzki, D., Höltnen, A.M. (2011) Spatial patterns of mating relations in wild cherry (<i>Prunus avium</i> L.) . <i>Perspectives in Plant Ecology, Evolution and Systematics</i> 13, 36-44. http://dx.doi.org/10.1016/j.ppees.2010.11.003
739	Rajendra, K.C.: Spatial dynamics of intraspecific genetic variation in European beech (<i>Fagus sylvatica</i> L.). Cuvillier Verlag, 139 Seiten, 2011.
738	Vidalis, A.: Patterns of nucleotide variation and gene-associated SNP analysis in a <i>Quercus</i> spp. forest at isocitrate dehydrogenase genes. Universitätverlag Göttingen, 106 Seiten, 2011.
737	Kuchma, O., Vornam, B., Finkeldey, R.: Mutation rates in Scots pine (<i>Pinus sylvestris</i> L.) from the Chernobyl exclusion zone evaluated with amplified fragment-length polymorphisms (AFLPs) and microsatellite markers. <i>Mutation Research-Genetic Toxicology and Environmental Mutagenesis</i> 725, 29-35, 2011.

Publikationen seit 2006

736	Kleemann, F., von Fragstein, M., Vornam, B.: Relating genetic variation of ecologically important tree traits to associated organisms in full-sib aspen families. <i>European Journal of Forest Research</i> 130, 707-716, 2011.
735	Kremer, A., Vinceti, B., Alia, R., Burczyk, J., Cavers, S., Degen, B., Finkeldey, R., Fluch, S., Goemoery, D., Gugerli, F., Koelewijn, H.P., Koskela, J., Lefevre, F., Morgante, M., Mueller-Starck, G., Plomion, C., Taylor, G., Turok, J., Savolainen, O., Ziegenhagen, B.: Forest ecosystem genomics and adaptation: Evoltree conference report. <i>Tree Genet Genomes</i> 7, 869-875, 2011.
734	Sertse, D., Gailing, O., Eliades, N.G., Finkeldey, R.: Anthropogenic and natural causes influencing population genetic structure of <i>Juniperus procera</i> Hochst. ex Endl. in the Ethiopian highlands. <i>Genetic Resources and Crop Evolution</i> 58, 849-859, 2011.
733	Eliades, N.G.H., Gailing, O., Leinemann, L.: High genetic diversity and significant population structure in <i>Cedrus brevifolia</i> Henry, a narrow endemic Mediterranean tree from Cyprus. <i>Plant Systematics and Evolution</i> 294, 185-198, 2011.
732	Kuchma, O., Finkeldey, R.: Evidence for selection in response to radiation exposure: <i>Pinus sylvestris</i> in the Chernobyl exclusion zone. <i>Environmental Pollution</i> 159, 1606-1612, 2011.
731	Derero, A., Gailing, O., Finkeldey, R.: Maintenance of genetic diversity in <i>Cordia africana</i> Lam., a declining forest tree species in Ethiopia. <i>Tree Genetics & Genomes</i> 7, 1-9, 2011.
730	Tsumura, Y., Kado, T., Yoshida, K., Abe, H., Ohtani, M., Taguchi, Y., 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.: Molecular database for classifying <i>Shorea</i> species (Dipterocarpaceae) and techniques for checking the legitimacy of timber and wood products. <i>Journal of Plant</i> 124, 35-48, 2011.
729	Vornam, B., Gailing, O., Derory, J.: Characterisation and natural variation of a dehydrin gene in <i>Quercus petraea</i> (Matt.) Liebl. <i>Plant Biology</i> 13, 881-887, 2011
728	Gregorius, H.-R.: Linking diversity and differentiation. <i>Diversity</i> 2010, 2(3), 370-394, 2010. a http://dx.doi.org/10.3390/d2030370 or http://www.mdpi.com/1424-2818/2/3/370
728	Taye, B.A., Gailing, O., Finkeldey, R.: Assessment and integration of genetic, morphological and demographic variation in <i>Hagenia abyssinica</i> (Bruce) J.F. Gmel to guide its conservation. <i>Journal for Nature Conservation</i> 19, 8-17, 2011.
727	Kuchma, O.: Genetic processes in Scots pine (<i>Pinus sylvestris</i> L.) in the Chernobyl exclusion zone. <i>Universitätsverlag Göttingen</i> , 98 Seiten, 2010.
726	Rachmayanti, Y.: Isolation of DNA from unprocessed and processed wood of Dipterocarpaceae. <i>Universität Göttingen</i> , 44 Seiten, 2010.
725	Nuroniah, H.S., Gailing, O., Finkeldey, R.: Development of SCAR Markers for Species Identification in the Genus <i>Shorea</i> (Dipterocarpaceae). <i>SILVAE GENET</i> , 59: 249-257
724	Konnert, M., Hosius, B.: Contribution of forest genetics for a sustainable forest management. <i>Forstarchiv forstwissenschaftliche Fachzeitschrift</i> 81, 170-174, 2010.
723	Dounavi, A., Koutsias, N., Ziehe, M., Hattemer, H.H. (2010) Spatial patterns and genetic structures within beech populations (<i>Fagus sylvatica</i> L.) of forked and non-forked individuals. <i>EUR J FOREST RES</i> , 129: 1191-1202
722	Leinemann, L., Kahlert, K., Arenhövel, W., Voth, W., Hosius, B.: Insights into genetic variation patterns in the genus <i>Sorbus</i> in Thuringia. <i>Allgemeine Forst- und Jagdzeitung</i> 181, 169-174, 2010.
721	Lang, C., Dolynska, A., Finkeldey, R., Polle, A. (2010) Are beech roots territorial? <i>Forest Ecology and Management</i> 216: 1212-1217

Publikationen seit 2006

720	Akinagbe, A., Gailing, O., Finkeldey, R. (2010) Genetic diversity of <i>Mansonia altissima</i> A. Chev. under different regimes of human impact in the Acure Forest Reserve, Nigeria. <i>Forestry Studies in China</i> 12: 193-200
719	Ekué, M.R.M., Sinsin, B., Eyog-Matig, O., Finkeldey, R. (2010). Uses, traditional management, perception of variation and preferences in ackee (<i>Blighia sapida</i> K.D. Koenig) fruit traits in Benin: implications for domestication and conservation. <i>Journal of Ethnobiology and Ethnomedicine</i> 6: 12
718	Nascimento S., Gailing O., Finkeldey R., Ziehe M., Hattemer H.-H.: (2010): Reproduction system of Norway spruce (<i>Picea abies</i> (L.) Karst.) in pure and mixed stands with different density. <i>Forstarchiv</i> , 81. Jg., 218-227, Heft 5, 2010
717	Durand J., Bodenes C., Chancerel E., Frigerio J-M., Vendramin G., Sebastiani F., Buonamici A., Gailing O., Koelewijn H.-P., Villani F., Mattioni C., Cherubini M., Goikoetxea P., Herran A., Ikarán Z., Cabane C., Ueno S., Alberto F., Dumoulin P.-Y., Dumoulin E., Daruvar A., Kremer A., Plomion C. : A fast and cost-effective approach to develop and map EST-SSR markers: oak as a case study. <i>BMC Genomics</i> 2010, 11:570 doi:10.1186/1471-2164-11-570
716	Ekue Marius R. M., Gailing O, Vornam B, Finkeldey R (2010): Assessment of the domestication state of ackee 3 (<i>Blighia sapida</i> K.D. Koenig) in Benin based 4 on AFLP and microsatellite markers. <i>Conserv Genet</i> DOI 10.1007/s10592-010-0155-z Lepoittevin, C., Frigerio, J.M., Garnier-Géré, P., Salin, F., Cervera, M.T., Vornam, B., Harvengt, L., PlomionIn, C.: In Vitro vs In Silico Detected SNPs for the Development
715	of a Genotyping Array: What Can We Learn from a Non-Model Species? <i>PLoS ONE</i> , June 2010 Volume 5 Issue 6 e11034 http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0011034
714	Leinemann L, Steiner W, Hosius B, Kleinschmit J (2010): Klonale Reproduktion in naturnahen Vorkommen der Schlehe (<i>Prunus spinosa</i> L.). <i>Forstarchiv</i> , 81. Jg., 121-192, Juli-August 2010
713	Nyári L (2010): Genetic diversity, differentiation and spatial genetic structures in differently managed adult European beech (<i>Fagus sylvatica</i> L.) stands and their regeneration. <i>Forstarchiv</i> , 81. Jg., 121-192, Juli-August 2010
712	Gailing O, Vornam B, Leinemann L, Curtu AL, Finkeldey R (2010): Genetische Ansätze zur charakterisierung adaptiver genetischer Variation bei Eichen. <i>Forstarchiv</i> , 81. Jg., 121-192, Juli-August 2010
711	Vornam B, Gailing O, Finkeldey R (2010): Natürliche Nukleotid-Diversität von Kandidatengen für den Blattaustrieb der Traubeneiche (<i>Quercus petraea</i>). <i>Forstarchiv</i> , 81. Jg., 121-192, Juli-August 2010
710	Müller-Starck G, Haas J, Ziehe M (2010): Genetic response of juvenile plants to translocation along an altitudinal gradient: a case study with <i>Larix europaea</i> and <i>Pinus mugo</i> . <i>Forstarchiv</i> , 81. Jg., 121-192, Juli-August 2010
709	Finkeldey R, Hattemer HH (2010): Genetische Variation in wäldern - wo stehen wir? <i>Forstarchiv</i> , 81. Jg., 121-192, Juli-August 2010
708	Prinz K, Weising K, Hensen I (2010): Genetic structure of coastal and inland populations of <i>Spergularia media</i> (L.) C. Presl (Caryophyllaceae) in Central Europe. <i>Conservation Genetics</i> 11: 2169-2177 DOI 10.1007/s10592-010-0103-y
707	Rana, R., Langenfeldt-Heyser, R., Finkeldey, R., Polle, A.: FTIR spectroscopy, chemical and histochemical characterisation of wood and lignin of five tropical timber wood species of the family of Dipterocarpaceae. <i>Wood Sci Technol</i> 44, 225-242, 2010.
706 b	Gregorius, H.-R.: Relational diversity . <i>Journal of Theoretical Biology</i> 257(1), 150-158, 2009. http://dx.doi.org/10.1016/j.jtbi.2008.11.009

Publikationen seit 2006

706 a	Gregorius, H.-R.: Distribution of variation over populations. Theory in Biosciences 128(3), 179-189, 2009. http://dx.doi.org/10.1007/s12064-009-0064-1
706	Nga Phi Nguyen: Molecular phylogeny of Southeast-Asian Dipterocarps belonging to tribe Dipterocarpeae based on non-coding sequence data of chloroplast and nuclear DNA. In: Optimus Verlag, 2009.
705	Finkeldey, R., Leinemann, L., Gailing, O. (2010) Molecular genetic tools to infer the origin of forest plants and wood. Appl. Microbiol. Biotechnol. 85: 1251-1258, Springer Verlag.
704	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
703	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: DOI: 10.1111/j.1399-3054.2009.01263.x0
702	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
701	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: DOI 10.1007/s11105-009-0115-2
700	Gillet, E.M., Gregorius, H.-R., Ziehe, M. (2009) Wie beeinflusst die Verteilung genetischer Variation die Stabilität von Populationssystemen? Pp. 47-72 in Foraita, R., Hemmelmann, C., Ziegler, A. (Hrsg.): Biometrische Aspekte der Genomanalyse IV. Schwerpunkt: Epigenetik. Shaker-Verlag, Herzogenrath (ISBN 978-3-8322-8358-2)
699	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
698	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
697	Cui-Ping Cao, Oliver Gailing, Iskandar Z. Siregar, Ulfah J. Siregar, Reiner Finkeldey. (2009) Genetic variation in nine Shorea species (Dipterocarpaceae) in Indonesia revealed by AFLPs. Tree Genetics and Genomes (2009) 5:407-420.
696	S. Hatziskakis, A. C. Papageorgiou, O. Gailing, R. Finkeldey. (2009) High chloroplast haplotype diversity in Greek populations of beech (Fagus sylvatica L.). Plant Biology 11 (2009) 425-433.
695	Rumana Rana, Rosemarie Langenfeld-Heyser, Reiner Finkeldey, Andrea Polle. (2009) Functional anatomy of five endangered tropical timber wood species of the family Dipterocarpaceae. Trees (2009) 23:521-529
694	Yanti Rachmayanti, Ludger Leinemann, Oliver Gailing, Reiner Finkeldey. DNA from processed and unprocessed wood: Factors influencing the isolation success. Forensic Science International: Genetics 3: 185-192, 2009
693	Ekué, M.R.M., Gailing, O., Hölscher, D., Sinsin, B., Finkeldey, R.: 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, 2008. <="" a="">
692	Stefenon, V.M., Behling, H., Gailing, O., Finkeldey, R. : 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, 2008. <="" a="">

Publikationen seit 2006

691	Stefenon, V.M., Gailing, O., Finkeldey, R.: The role of gene flow in shaping genetic structures of the subtropical conifer species <i>Araucaria angustifolia</i> . Plant Biology 10: 356-364, 2008. <="" a="">
690	Stefenon, V.M., Gailing, O., Finkeldey, R.: Genetic structure of plantations and the conservation of genetic resources of Brazilian pine (<i>Araucaria angustifolia</i>) . Forest Ecology and Management 255: 2718-2725, 2008. <="" a="">
689	Gillet, E.M., Gregorius, H.-R.: Measuring differentiation among populations at different levels of genetic integration . BMC Genetics 9, 60, 2008. http://dx.doi.org/10.1186/1471-2156-9-60
688	Gailing, O.: QTL analysis of leaf morphological characters in a <i>Quercus robur</i> full-sib family (<i>Q. robur</i> x <i>Q. robur</i> ssp. <i>slavonica</i>) . Plant Biology 10, 624-634, 2008. http://dx.doi.org/10.1111/j.1438-8677.2008.00063.x
687	Gailing, O., Langenfeld-Heyser, R., Polle, A., Finkeldey, R.: Quantitative trait loci affecting stomatal density and growth in a <i>Quercus robur</i> progeny: implications for the adaptation to changing environments . Global Change Biology 14, 1934-1946, 2008. http://dx.doi.org/10.1111/j.1365-2486.2008.01621.x
686	Smulders, M.J.M., Cottrell, J.E., Lefèvre, F., van der Schoot, J., Arens, P., Vosman, B., Tabbener, H.E., Grassi, F., Fossati, T., Castiglione, S., Krystufek, V., Fluch, S., Burg, K., Vornam, B., Pohl, A., Gebhardt, K., Alba, N., Agúndez, D., Maestro, C., Notivol, E., Volosyanchuk, R., Pospíšková, M., Bordács, S., Bovenschen, J., van Dam, B.C., Koelewijn, H.P., Halfmaerten, D., Ivens, B., van Slycken, J., Vanden Broeck, A., Storme, V., Boerjan, W.: Structure of the genetic diversity in black poplar (<i>Populus nigra</i> L.) populations across European river systems: Consequences for conservation and restoration . Forest Ecology and Management 255, 1388-1399, 2008. http://dx.doi.org/10.1016/j.foreco.2007.10.063
685	Papageorgiou, A.C., Vidalis, A., Gailing, O., Tsiripidis, I., Hatziskakis, S., Boutsios, S., Galatsidas, S., Finkeldey, R.: Genetic variation of beech (<i>Fagus sylvatica</i> L.) in Rodopi (N.E. Greece) . European Journal of Forest Research 127, 81-88, 2008. http://dx.doi.org/10.1007/s10342-007-0185-3
684	Gregorius, H.-R., Gillet, E.M.: Generalized Simpson-diversity . Ecological Modelling 211, 90-96, 2008. http://dx.doi.org/10.1016/j.ecolmodel.2007.08.026
683	Finkeldey, R., Rachmayanti, Y., Gailing, O.: Molecular genetic tools for the identification of the origin of wood . In: Kües, U. (ed.): Wood Production, Wood Technology, and Biotechnological Impacts. Universitätsverlag Göttingen, 143-158, 2007. (ISBN 978-3-940344-11-3) http://www.univerlag.uni-goettingen.de
682	Curtu, A.L., Gailing, O., Finkeldey, R.: Evidence for hybridization and introgression within a species-rich oak (<i>Quercus</i> spp.) community . BMC Evolutionary Biology 7, 218, 2007. http://dx.doi.org/10.1186/1471-2148-7-218
681	Finkeldey, R., Gailing, O., Hattemer, H.H., Vornam, B.: Molekulare Analyse von Pflanzenteilen in der Forensik . In: Herrmann, B., Saternus, K.-S. (Hrsg.): Kriminalbiologie . Springer Berlin Heidelberg New York, S. 343-362, 2007. (ISBN 978-3-540-71110-0)
680	Gregorius, H.-R., Kissling-Näf, I., Ott, K.: Biodiversität als Lebensgrundlage - Grundprinzipien zu Schutz und Nutzung . In: Potthast, T. (Bearb.): Biodiversität -Schlüsselbegriff des Naturschutzes im 21. Jahrhundert? Schriftenreihe "Naturschutz und Biologische Vielfalt" des Bundesamts für Naturschutz, Band 48, S. 185-222, 2007. (ISBN 978-3-7843-3948-1) http://www.buchweltshop.de/bfn/index.jsp?seite=naturschutz/naturanz.jsp_id=343
679	Gailing, O., Wachter, H., Heyder, J., Schmitt, H.-P., Finkeldey, R.: Chloroplast DNA analysis in oak stands (<i>Quercus robur</i> L.) in North Rhine-Westphalia with presumably Slavonian origin: Is

Publikationen seit 2006

	there an association between geographic origin and bud phenology? Journal of Applied Botany and Food Quality 81, 165-171, 2007.
678	Derero, A.: Genetic variation in <i>Cordia africana</i> Lam. in Ethiopia. Forstwissenschaftliche Dissertation, Universität Göttingen, 2007. Cuvillier Verlag, 118 pp, 2007. (ISBN-10: 3867274266) http://www.cuvillier.de/flycms/de/html/30/-UickI3zKPS,3d08=/Buchdetails.html
677	Ziehe, M.: Genomische Assoziationen durch Selbst- und Fremdbefruchtung und ihre Bedeutung für die Interpretation genetischer Strukturen am Beispiel der Buche (<i>Fagus sylvatica</i> L.). Schriften aus der Forstlichen Fakultät der Universität Göttingen und der Nordwestdeutschen Forstlichen Versuchsanstalt, Band 143. J.D. Sauerländer's Verlag, Frankfurt am Main, 2007. (ISSN 0344-5666, ISBN 3-7939-5143-X)
676	Stefenon, V.M.: The distribution of the genetic diversity in <i>Araucaria angustifolia</i> (Bert.) O. Kuntze populations and its implications for the conservation of the species' genetic resources. Forstwissenschaftliche Dissertation, Universität Göttingen. Niedersächsische Staats- und Universitätsbibliothek Göttingen, 120 pp., 2007. http://webdoc.sub.gwdg.de/diss/2007/stefenon
675	Wehenkel, C.: Interaktion zwischen der genetischen Diversität und der Artendiversität in unterschiedlichen Baumbeständen. Forstwissenschaftliche Dissertation, Universität Göttingen, 2007. Cuvillier Verlag, 234 pp, 2007. (ISBN-10: 3867272840) http://www.cuvillier.de/flycms/de/html/30/-UickI3zKPS,xcEs=/Buchdetails.html
674	Stefenon, V.M., Gailing, O., Finkeldey, R.: Genetic structure of <i>Araucaria angustifolia</i> (Araucariaceae) populations in Brazil: Implications for the <i>in situ</i> conservation of genetic resources. Plant Biology 9, 516-525, 2007. http://dx.doi.org/10.1055/s-2007-964974
673	Gregorius, H.-R., Degen, B., König, A.: Problems in the analysis of genetic differentiation among populations - a case study in <i>Quercus robur</i>. Silvae Genetica 56, 190-199, 2007. http://www.bfafh.de/inst2/sg-pdf/56_3-4_190.pdf
672	Wehenkel, C., Bergmann, F., Gregorius, H.-R.: Genotype-species interactions in neighbourhoods of forest tree communities. Silvae Genetica 56, 101-110, 2007. http://www.bfafh.de/inst2/sg-pdf/56_3-4_101.pdf
671	Gailing, O., Wachter, H., Schmitt, H.-P., Curtu, A.-L., Finkeldey, R.: Characterization of different provenances of Slavonian pedunculate oaks (<i>Quercus robur</i> L.) in Münsterland (Germany) with chloroplast DNA markers: PC-RFLPs and chloroplast microsatellites. Allgemeine Forst- und Jagdzeitung 178, 85-90, 2007.
670	Gugerli, F., Walser, J.-C., Dounavi, K., Holderegger, R., Finkeldey, R.: Coincidence of small-scale spatial discontinuities in leaf morphology and nuclear microsatellite variation of <i>Quercus petraea</i> and <i>Q. robur</i> in a mixed forest. Annals of Botany 99, 713-722, 2007. http://dx.doi.org/10.1093/aob/mcm006
669	Curtu, A.L., Gailing, O., Leinemann, L., Finkeldey, R.: Genetic variation and differentiation within a natural community of five oak species (<i>Quercus</i> spp.). Plant Biology 9, 116-126, 2007. http://dx.doi.org/10.1055/s-2006-924542
668	Gregorius, H.-R., Degen, B.: Monitoring genetischer Ressourcen - Prinzipien und Methoden. In: Begemann, F., Schröder, S., Wenkel, K.-O., Weigel, H.-J. (Hrsg.): Monitoring und Indikatoren der Agrobiodiversität. Schriftenreihe Agrobiodiversität des Informations- und Koordinationszentrums für Biologische Vielfalt (IBV), Band 27, 39-65, 2007. (ISSN 1863-1347) http://www.genres.de/CFDEV/genres/ibv/agrobio/bd27/pdfs/bd27_06.pdf
667	Verga, A., Gregorius, H.-R.: Comparing morphological with genetic distances between populations: A new method and its application to the <i>Prosopis chilensis</i> - <i>P. flexuosa</i> complex. Silvae Genetica 56, 45-51, 2007. http://www.bfafh.de/inst2/sg-pdf/56_2_45.pdf

Publikationen seit 2006

666	Gillet, E.M.: Qualified estimation of two measures of diversity within populations. Biometrical Journal 49, 272-285, 2007. http://dx.doi.org/10.1002/bimj.200510303
665	Finkeldey, R., Hattemer, H.H.: Tropical Forest Genetics. Springer-Verlag, XII + 316 p., 2007. (ISBN-10: 3-540-37396-9)
664	Mottura, M.C.: Development of microsatellites in <i>Prosopis</i> spp. and their application to study the reproduction system. Forstwissenschaftliche Dissertation, Universität Göttingen. Niedersächsische Staats- und Universitätsbibliothek Göttingen, 206 pp., 2006. http://webdoc.sub.gwdg.de/diss/2007/mottura/
663	Bergmann, F., Hosius, B., Leinemann, L., Wehenkel, C.: Are individual differences in growth involved in the AAT-C major polymorphism across various Norway spruce ranges? Journal of Genetics and Breeding 60, 37-42, 2006.
662	Hosius, B., Leinemann, L., Konnert, M., Bergmann, F.: Genetic aspects of forestry in the Central Europe. European Journal of Forest Research 125, 407-417, 2006. http://dx.doi.org/10.1007/s10342-006-0136-4
661	Rogge, M., Schmitt, H.P., Hosius, B., Leinemann, L., Bergmann, F.: Charakterisierung einer Generhaltungssamenplantage der Fichte in Nordrhein-Westfalen mit Hilfe von Isoenzym-Genmarkern: Konzeption und genetisches Potenzial. Forstarchiv 77, 57-62, 2006.
660	Leinemann, L., Hattemer, H.H.: Genetic variation and mating pattern in a stand of yew (<i>Taxus baccata</i> L.). Allgemeine Forst- und Jagdzeitung 177, 217-224, 2006.
659	Rachmayanti, Y., Leinemann, L., Gailing, O., Finkeldey, R.: Extraction, amplification and characterization of wood DNA from Dipterocarpaceae. Plant Molecular Biology Reporter 24, 45-55, 2006. http://pubs.nrc-cnrc.gc.ca/ispmb/r06-031.html
658	Cao, C.-P., Finkeldey, R., Siregar, I.Z., Siregar, U.J., Gailing, O.: Genetic diversity within and among populations of <i>Shorea leprosula</i> Miq. and <i>Shorea parvifolia</i> Dyer (Dipterocarpaceae) in Indonesia detected by AFLPs. Tree Genetics & Genomes 2, 225-239, 2006. http://dx.doi.org/10.1007/s11295-006-0046-0
657	Indrioko, S., Gailing, O., Finkeldey, R.: Molecular phylogeny of Dipterocarpaceae in Indonesia based on chloroplast DNA. Plant Systematics and Evolution 261, 99-115, 2006. http://dx.doi.org/10.1007/s00606-006-0435-8
656	Cao, C.-P., Gailing, O., Siregar, I., Indrioko, S., Finkeldey, R.: Genetic variation at AFLPs for the Dipterocarpaceae and its relation to molecular phylogenies and taxonomic subdivisions. Journal of Plant Research 119, 553-558, 2006. http://dx.doi.org/10.1007/s10265-006-0005-8
655	Stefenon, V.M., Gailing, O., Finkeldey, R.: Searching natural populations of <i>Araucaria angustifolia</i>: Conservation strategies for forest genetic resources in southern Brazil In: Bohnens, J., Rau, H.-M. (Hrsg.): Forstliche Genressourcen als Produktionsfaktor. 26. Tagung der Arbeitsgemeinschaft Forstgenetik und Forstpflanzenzüchtung vom 20. bis 22. Oktober 2005 in Fulda. Hess.-Forst, Hann. Münden, 222-227, 2006. (ISBN 3-00-020269-2)
654	Kownatzki, D.: Praktizierte Provenienzwahl - Garantie für eine nachhaltige Ertragssicherung? In: Bohnens, J., Rau, H.-M. (Hrsg.): Forstliche Genressourcen als Produktionsfaktor. 26. Tagung der Arbeitsgemeinschaft Forstgenetik und Forstpflanzenzüchtung vom 20. bis 22. Oktober 2005 in Fulda. Hess.-Forst, Hann. Münden, 61-66, 2006. (ISBN 3-00-020269-2)
653	Gregorius, H.-R.: The isolation principle of clustering: Structural characteristics and implementation. Acta Biotheoretica 54, 219-233, 2006. http://dx.doi.org/10.1007/s10441-006-8255-3

Publikationen seit 2006

652	Höltken, A.M., Gregorius, H.-R.: Detecting local establishment strategies of wild cherry (<i>Prunus avium</i> L.). BMC Ecology 6, 13, 2006. http://dx.doi.org/10.1186/1472-6785-6-13
651	Cao, C.-P.: Genetic variation of the genus <i>Shorea</i> (Dipterocarpaceae) in Indonesia. [Genetische Variation bei <i>Shorea</i> (Dipterocarpaceae) Indonesiens]. Forstwissenschaftliche Dissertation, Universität Göttingen. Niedersächsische Staats- und Universitätsbibliothek Göttingen, 2006. http://webdoc.sub.gwdg.de/diss/2006/cao
650	Gregorius, H.-R.: Revealing spatial genetic structure through cluster analyses. Ecological Modelling 198, 312-320, 2006. http://dx.doi.org/10.1016/j.ecolmodel.2006.05.002
649	Curtu, A.L.: Patterns of genetic variation and hybridization in a mixed oak (<i>Quercus</i> spp.) forest. Forstwissenschaftliche Dissertation, Universität Göttingen: Cuvillier Verlag, 159 pp, 2006. (ISBN 3-86537-997-4) http://www.cuvillier.de/flycms/de/html/30/-UickI3zKPS,ycE4=/Buchdetails.html
648	Wehenkel, C., Bergmann, F., Gregorius, H.-R.: Is there a trade-off between species diversity and genetic diversity in forest tree communities? Plant Ecology 185, 151-161, 2006. http://dx.doi.org/10.1007/s11258-005-9091-2
647	Luo, Z.W., Zhang, Z., Zhang, R.M., Pandey, M., Gailing, O., Hattemer, H.H., Finkeldey, R.: Modeling population genetic data in autotetraploid species. Genetics 172, 639-646, 2006. http://dx.doi.org/10.1534/genetics.105.044974
646	Ducic, T., Leinemann, L., Finkeldey, R., Polle, A.: Uptake and translocation of manganese in seedlings of two varieties of Douglas fir (<i>Pseudotsuga menziesii</i> var. <i>viridis</i> and <i>glauca</i>). New Phytologist 170, 11-20, 2006. http://dx.doi.org/10.1111/j.1469-8137.2006.01666.x
645	Stefenon, V.M., Gailing, O., Finkeldey, R.: Phylogenetic relationship within genus <i>Araucaria</i> (<i>Araucariaceae</i>) assessed by means of AFLP fingerprints. Silvae Genetica 55, 45-52, 2006. http://www.bfafh.de/inst2/sg-pdf/55_2_45.pdf