

Publications 2020

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| 1 | Kuchma, Oleksandra & Janz, Dennis & Leinemann, Ludger & Polle, Andrea & Krutovsky, Konstantin & Gailing, Oliver. (2020). Hybrid and Environmental Effects on Gene Expression in Poplar Clones in Pure and Mixed with Black Locust Stands. <i>Forests</i> . 11. 1075. 10.3390/f11101075. |
| 2 | Götz, Jeremias & Krutovsky, Konstantin & Leinemann, Ludger & Müller, Markus & Rajora, Om & Gailing, Oliver. (2020). Chloroplast Haplotypes of Northern Red Oak (<i>Quercus rubra</i> L.) Stands in Germany Suggest Their Origin from Northeastern Canada. <i>Forests</i> . 11. 1025. 10.3390/f11091025. |
| 3 | Kätzel, Ralf & Schroeder, Jens & Becker, Frank & Leinemann, Ludger & Grüll, Martin & Hosius, Bernhard & Löffler, Sonja. (2020). Die Rot-Eiche (<i>Quercus rubra</i> L.) - Von der Ersatzbank ins Spielfeld? Im Buch „Wald im Wandel – Risiken und Lösungsansätze“, Publisher: Ministerium für Landwirtschaft, Umwelt und Landwirtschaft des Landes Brandenburg, S. 95-106. |
| 4 | Caré O, Gailing O, Müller M, Konstantin, Krutovsky KV and Leinemann L (2020). Mating system in a native Norway spruce (<i>Picea abies</i> [L.] KARST.) stand - Relatedness and effective pollen population size show an association with the germination percentage of single tree progenies. <i>Diversity</i> . 12. 266. 10.3390/d12070266. |
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| 7 | Leinemann L, Hoffmann WJ, Gailing O. (2020). Genmarkeranalysen zur Schätzung des adaptiven Potentials von ausgewählten Vorkommen von <i>Ginkgo biloba</i> L. in Deutschland. <i>AFJZ</i> , accepted. |
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| 10 | Pettenkofer, Tim & Finkeldey, · & Müller, Markus & Krutovsky, Konstantin & Vornam, Barbara & Leinemann, · & Gailing, O. (2020). Genetic variation of introduced red oak (<i>Quercus rubra</i>) stands in Germany compared to North American populations. <i>European Journal of Forest Research</i> . 10.1007/s10342-019-01256-5. |

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| 17 | Krutovsky K.V., Akulova V.S., Belkov V.I., Biriukov V.V., Bondar E.I., Feranchuk S.I., Konstantinov Yu.M., Kuzmin D.A., Novikova S.V., Oreshkova N.V., Putintseva Y.A., Sadovsky M.G., Sharov V.V., Shmakov V.N., Simonov E.P. Postgenomic technologies in practical forestry: development of genome-wide markers for timber origin identification and other applications. In Proceedings of the 6th International Conference «Conservation of Forest Genetic Resources», Shchuchinsk, September 16-20, 2019. – Kokshetau, publishing house "World of Printing", IE "Ustyugova", 2019, p. 16-18 (http://kazniilha.kz/content/konferenciya-2019 ; http://kazniilha.kz/public/files/2019/9/20/200919_095838_sbornik-mat-6-meghd-konf-sovesch-sohranenie-lesnyh-geneticheskikh-resur.pdf). |

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| 19 | Krutovsky, K. V., Lu M., Loopstra C. A. 2019. Population genomics of conifers and study of adaptive variation to preserve biodiversity. In Proceedings of the VII International Scientific Conference "Principles and Methods of Biodiversity Conservation", March 18–22, 2019, Yoshkar-Ola, Russia, p. 13-15. http://kologrivskiy-les.ru/wp-content/uploads/2019/04/SBORNIK_B-G-a-I-G-G-a-I-_2019.pdf). |
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| 28 | Breidenbach N., O. Gailing, K. V. Krutovsky. 2020. Genetic structure of coast redwood (<i>Sequoia sempervirens</i> [D. Don] Endl.) populations in and outside of the natural distribution range based on nuclear and chloroplast microsatellite markers. <i>PLoS One</i> 15(12): e0243556. https://doi.org/10.1371/journal.pone.0243556 . |

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