

List of Publications

Antoine Kremer

- Kremer A**, Hipp AL 2020. Oaks : an evolutionary success story. *New Phytologist* 226 : 987-1011 ([pdf](#))
- Alexandre H, Truffaut L, Ducouso A, Louvet JM, Nepveu G, Torres-Ruiz JM, Lagane F, Firmat C, Musch B, Delzon S, **Kremer A** 2020. *In situ* estimation of genetic variation of functional and ecological traits in *Q. petraea* and *Q. robur*. *Tree Genetics & Genomes* 16 : 32 ([pdf](#))
- Leroy T, Louvet JM, Lalanne C, Le Provost G, Labadie K, Aury JM, Delzon S, Plomion C, **Kremer A** 2020. Adaptive introgression as a driver of local adaptation to climate in European white oaks *New Phytologist* 226 : 1171-1182 ([pdf](#))
- Hipp AL, Manos PS, Hahn M, Avishai M, Bodénès C, Cavender-Bares J, Crowl A, Deng M, Denk T, Gailing O, González-Elizondo MS, González-Rodríguez A, Grimm G, Jiang XL, **Kremer A**, Lesur I, McVay J, Plomion C, Rodríguez-Correa , Schulze ED, Simeone MC, Sork V, Valencia AS 2020. The genomic landscape of the global oak phylogeny. *New Phytologist* 226 : 1198-1212 ([pdf](#))
- Leroy T, Rougemont Q, Dupouey JL, Bodénès C, Lalanne C, Belser C, Labadie K, Le Provost G, Aury JM, **Kremer A**, Plomion C 2020. Massive postglacial gene flow between European white oaks uncovered genes underlying species barriers. *New Phytologist* 226 : 1183-1197 ([pdf](#)).
- Leroy T, Plomion C, Kremer A 2020. Oak tree symbolism in the light of genomics. *New Phytologist* 226 :1012-1017 ([pdf](#))
- Fréjaville T, Vizcaino-Palomar N, Fady B, **Kremer A**, Benito-Garzon M 2019 Range margin populations show higher climate adaptation lags in European trees. *Global Change Biology* ([doi:10.1111/gcb.14881](https://doi.org/10.1111/gcb.14881)) ([pdf](#))
- Torres-Ruiz JM, **Kremer A**, Carins-Murphy MR, Brodribb TJ, Lamarque LJ, Truffaut L, Bonne F, Ducouso A, Delzon S. 2019. Genetic differentiation in functional traits among European sessile oak populations. *Tree Physiology* 39 : 1736-1749 ([pdf](#))
- Fréjaville T, Fady B, **Kremer A**, Ducouso A, Benito-Garzon M 2019. Inferring phenotypic plasticity and local adaptation to climate across tree species ranges using forest inventory data. *Global Ecology and Biogeography* 28 : 1259-1271 ([pdf](#))
- Pont C, Wagner S, **Kremer A**, Orlando L, Plomion C, Salse J 2019. Paleogenomics: reconstruction of plant evolutionary trajectories from modern and ancient DNA. *Genome Biology* 20: 29 ([pdf](#))

- Caignard T, Delzon S, Bodénès C, Dencausse B, **Kremer A** 2019. Heritability and genetic architecture of reproduction-related traits in a temperate oak species. *Tree Genetics & Genomes* 15, 1 ([pdf](#))
- Sáenz-Romero C, **Kremer A**, Nagy L, Újvari-Jármay E, Ducouso A, Kóczán-Horváth A, Kehlet Hansen J, Mátyás C 2019. Common garden comparisons confirm inherited differences in sensitivity to climate change between forest tree species. *PeerJ* 7: e6213 ([pdf](#))
- Albarran-Lara AL, Petit RJ, **Kremer A**, Caron H, Peñalozza-Ramírez, Gugger PF, Dávila-Aranda PD, Oyama K 2019. Low genetic differentiation between two morphologically and ecologically distinct ginkgo-leaved Mexican oaks. *Plant Systematics and Evolution*, 305:89-101 ([pdf](#))
- Soularue JP, Thöni A, Arnoux L, Le Corre V, **Kremer A** 2019. Metapop : An individual-based model for simulating the evolution of tree populations in spatially and temporally heterogeneous landscapes. *Molecular Ecology Resources* 19: 296-305 ([pdf](#))
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- Leroy T, Rougemont Q, Bodenes C, Lalanne C, Belser C, Labadie K, Le Provost G, Aury JM, **Kremer A**, Plomion C 2018 Secondary contacts between European white oaks reveal genes underlying reproductive isolation. *bioRxiv* 246637 ([pdf](#))
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