

PUBLICATION LIST – DR. PHIL. FELIX GUGERLI

Original publications (ISI/reviewed; * = senior author)

Bibliographic records as of December 31, 2025 (ISI Core Collection)

Number of articles listed in Web of Science: 135

Number of citations: 6994 (average 51.81)

h-index: 45

Graf V, Brodbeck S, Kauffeldt A, Gugerli F, Neuschulz EL 2026. Relative importance of range position, seed size, and genetic diversity for tree recruitment at alpine range edges. **Journal of Ecology** 114: e70303. DOI 10.1111/1365-2745.70303

Farsakoglou A-M, Dauphin B, Olsson S, Pinosio S, Milesi P, Reutimann O, Ullrich K, Liepelt S, Spanu I, Piotti A, Bagnoli F, Alizoti P, Heer K, Opgenoorth L, Vendramin GG, González-Martínez SC, Alía R, Grivet D, Rellstab C, Gugerli F, Fady B, Scotti I, Aravanopoulos F, GenTree Consortium 2026. Genome-wide data to assist conservation in five European conifer species. **Scientific Data** in press.

Fischer MC, Reutimann O, Zemp N, Guggisberg A, Gugerli F, Holderegger R, Widmer A 2026. Population genomics for biodiversity conservation: insights from the Swiss pilot study for monitoring genetic diversity. **Conservation Genetics** 27: 67. DOI 10.1007/s10592-026-01793-8.

* Joost S, Parisod C, Gugerli F 2026. Scaling the mountains: multiscale proxies derived from very high-resolution digital elevation models to characterize heterogeneous alpine landscapes and their local effects on plant adaptation. **Alpine Botany** in press. DOI 10.1007/s00035-026-00368-0

Coşgun S, Gauthier J, Beffa G, Bonanomi G, Carraro G, Cherubini P, Gobet E, Leunda M, Manetti M-C, Mazza G, Pistone A, Schwörer C, Sperisen C, van Vugt L, Alvarez N, Conedera M, Gugerli F, Tinner W 2025. Exploring the connection between climatic conditions and genetic properties of *Abies alba*, including warm and summer-dry Mediterranean environments. **Science of the Total Environment**. 964: 78559. DOI 10.1016/j.scitotenv.2025.178559.

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* Rogivue A, Leempoel K, Guillaume A, Choudhury RR, Felber F, Kasser M, Joost S, Parisod C, Gugerli F 2025. Locally specific genome-wide signatures of adaptation to environmental variation at high resolution in an alpine plant. **Molecular Ecology** 34: 17646. DOI 10.1111/mec.17646

Budde KB, Rellstab C, Heuertz M, Gugerli F, Verdú M, Pausas JG, González-Martínez SC 2024. Divergent selection on Mediterranean pine stands on local spatial scales. **Journal of Ecology** 112: 278–290.

Ferretti M, Fischer C, Gessler A, Graham C, Meusburger K, Abegg M, Bebi P, Bergamini A, Bockerhoff EG, Brunner I, Bühler C, Conedera M, Cothureau P, D'Oddorico P, Duggelin C, Ginzler C, Grendelmeier A, Gugerli F, Haeni M, Hagedorn F, Hägeli M, Hegetschweiler KT, Holderegger R, Krumm F, Queloz V, Rigling A, Risch AC, Rohner B, Rosset C, Scherrer D, Schulz T, Thürig E, Traub B, von Arx G, Waldner P, Wohlgemuth T, Zimmermann NE, Shackelton R

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Consortium-related contributions

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