

PUBLICATION LIST – DR. PHIL. FELIX GUGERLI

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

Bibliographic records as of December 7, 2023 (ISI Core Collection)

Number of articles listed in Web of Science: 125

Number of citations: 5788 (average 46.3)

h-index: 42

- 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 **in press**. Advancing forest inventorying and monitoring. **Annals of Forest Science** XX: YY–ZZ.
- * Terzer E, Schmid M, Bauert B, Csencsics D, Birrer S, Brodbeck S, Bolliger J, Gugerli F **in press**. Distinct spatial patterns of genetic structure and diversity in the butterfly Marbled White (*Melanargia galathea*) inhabiting fragmented grasslands. **Conservation Genetics**. XX: YY–ZZ. DOI 0.1007/s10592-023-01593-4
- * Sonnenwyl V, Dauphin B, Fragnière Y, Clément B, Grünig S, Brodbeck S, Parisod C, Kozłowski G, Gugerli F **in press**. Genetic underpinning of failed afforestation with allochthonous *Pinus cembra* in the northwestern Swiss Alps. **Alpine Botany** XX: YY–ZZ.
- Budde KB, Rellstab C, Heuertz M, Gugerli F, Verdú M, Pausas JG, González-Martínez SC **in press**. Divergent selection on Mediterranean pine stands on local spatial scales. **Journal of Ecology** XX: YY–ZZ. DOI 0.1111/1365-2745.14231
- * Dauphin B, Rellstab C, Wüest RO, Karger DN, Holderegger R, Gugerli F, Manel S 2023. Re-thinking the environment in landscape genomics. **Trends in Ecology & Evolution**. 38: 261–274 (joint senior authorship Gugerli/Manel)
- Gugerli F, Brodbeck S, Lendvay B, Dauphin B, Bagnoli F, Tinner W, van der Knaap WO, Höhn M, Vendramin GG, Morales-Molino C, Schwörer C 2023. A range-wide postglacial history of Swiss stone pine based on molecular markers and palaeoecological evidence. **Journal of Biogeography** 50: 1049–1062.
- Pearman PB, Broennimann O, Aavik T, Albaryrak T, Alves PC, Aravanopoulos FA, Bertola LD, Biedrzycka A, Buzan E, Cubric-Curik V, Djan M, Fedorca A, Fuentes-Pardo AP, Fussi B, Godoy JA, Gugerli F, Hoban S, Holderegger R, Hvilsom C, Iacolina L, Kalamujic Stroil B, Klinga P, Konopiński MK, Kopatz A, Laikre L, Lopez Fernandez M, McMahon BJ, Mergeay J, Neophytou C, Pálsson S, Paz-Vinas I, Posledovich D, Primmer CR, Raeymaekers JAM, Rinkevich B, Rolečková B, Ruņģis D, Segelbacher G, Schürz L, Kavčič Sonnenschein K, Stefanovic M, Thurffjell H, Träger S, Tsvetkov IN, Velickovic N, Vergeer P, Vernesi C, Vilà C, Westergren M, Zachos FE, Guisan A, Bruford M 2023. Conserving genetic diversity during climate change: Niche marginality and discrepant monitoring effort in Europe. **Nature Ecology & Evolution** **in press**. preprint on bioRxiv: DOI 10.1101/2023.03.24.533448.
- Reutimann O, Dauphin B, Baltensweiler A, Gugerli F, Kremer A, Rellstab C 2023. Abiotic factors predict taxonomic composition and genetic admixture in populations of hybridizing white oak species (*Quercus* spp.) at regional scale. **Tree Genetics & Genomes** 19: 22. DOI 10.1007/s11295-023-01598-7

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* Neophytou C, Heer K, Milesi P, Peter M, Pyhäjärvi T, Westergren M, Rellstab C, [Gugerli F](#) 2022. Genomics and adaptation in forest ecosystems. **Tree Genetics & Genomes**. 18: 12. DOI 10.1007/s11295-022-01542-1 (joint senior authorship Gugerli/Rellstab)

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- Dauphin B, Wüest RO, Brodbeck S, Zoller S, Fischer MC, Holderegger R, Gugerli F, Rellstab C 2020. Disentangling the effects of geographic peripheralness and habitat suitability on neutral and adaptive genetic variation in Swiss stone pine. **Molecular Ecology** 29: 1972–1989.
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