

LIST OF PUBLICATIONS

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62. Konečná, Bray, Vlček, Bohutínská, Požárová, Choudhury, Bollmann-Giolai, Flis, Salt, Parisod, Yant, Kolář (2021) Parallel adaptation in autopolyploid *Arabidopsis arenosa* is dominated by repeated recruitment of shared alleles. *Nature Communication* 12. <https://doi.org/10.1038/s41467-021-25256-5>. (IF₂₀₂₀: 14.92)
- © 61. Parisod, 2021, Plant speciation in the face of recurrent climate changes in the Alps. *Alpine Botany* 131: xxx-xxx. (IF₂₀₂₀: 2.09)
60. Guillaume, Leempoel, Rochat, Rogivue, Kasser, Gugerli, Parisod & Joost, 2021, Multiscale very high resolution topographic models in alpine ecology: pros and cons of airborne LiDAR and drone-based stereo-photogrammetry technologies. *Remote Sensing* 13: 1588. (IF₂₀₂₀: 4.85)
- © 59. Wos, Choudhury, Kolar & Parisod, 2021, Transcriptional activity of transposable elements along an elevational gradient in *Arabidopsis arenosa*. *Mobile DNA* 12: 7. (IF₂₀₂₀: 4.06)
58. Nowak, Birkeland, Mandáková, Choudhury, Guo, Gustafsson, Gizaw, Schröder-Nielsen, Fracassetti, Brysting, Rieseberg, Slotte, Parisod, Lysak & Brochmann, 2021, The genome of *Draba nivalis* shows signatures of adaptation to the extreme environmental stresses of the Arctic. *Molecular Ecology Resources* 21: 661–676. (IF₂₀₂₀: 7.09)
- © 57. Grünig, Fischer & Parisod, 2021, Hybrid origin of the narrow endemic *Pulmonaria helvetica*. *Annals of Botany* 127: 21-31. (IF₂₀₂₀: 4.36)
56. Fragnière, Pittet, Clément, Bétrisey, Gerber, Ronikier, Parisod & Kozłowski, 2020, Climate change and alpine screes: no future for glacial relict *Papaver occidentale* (Papaveraceae) in Western Prealps. *Diversity* 12: 346. (IF₂₀₂₀: 2.47)
- © 55. Pittet, Fragnière, Grünig, Bétrisey, Clément, Gerber, Ronikier, Kozłowski & Parisod, 2020, Genetic structure of the endemic *Papaver occidentale* indicates survival and immigration in the Western Prealps. *Alpine Botany* 130: 129-140. (IF₂₀₂₀: 2.09)
- © 54. Huynh, Broennimann, Guisan, Felber & Parisod, 2020, Eco-genetic additivity of diploids in allopolyploid wild wheats. *Ecology Letters* 23: 663–673. (IF₂₀₂₀: 9.49)
- © 53. Badaeva & Parisod, 2020, Chromosomal evolution among hybridizing wild wheats. *New Phytologist* 226: 1263-1273. (IF₂₀₂₀: 10.15)
52. Zhang, Doan, Marques Arce, Hu, Grünig, Parisod, Hibbard, Hervé, Robert, Machado & Erb, 2019, Plant defense resistance in natural enemies of a specialist insect herbivore. *Proceedings of the National Academy of Sciences USA* 116: 23174-23181. (IF₂₀₁₉: 9.41)
- © 51. Huynh, Marcussen, Felber & Parisod, 2019, Hybridization preceded radiation in diploid wheats. *Molecular Phylogenetics and Evolution* 139: 106554. (IF₂₀₁₉: 3.50)
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- α 48. Dunning, Olofsson, Parisod, Choudhury, Moreno-Villena, Yang, Dionora, Quick, Park, Bennetzen, Besnard, Nosil, Osborne & Christin, 2019, Lateral transfers of large DNA fragments spread functional genes among grasses. *Proceedings of the National Academy of Sciences USA* 116: 4416–4425. (IF₂₀₁₉: 9.41)

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43. Maccagni, Parisod & Grant, 2017, Phylogeography of the moonwort fern *Botrychium lunaria* (Ophioglossaceae) based on chloroplast DNA in the Central-European Mountain System. *Alpine Botany*: 127: 185–196. (IF₂₀₁₇: 2.45)
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36. Lafon-Placette, Vallejo-Marín, Parisod, Abbott & Köhler, 2016, Current plant speciation research: unraveling the processes and mechanisms behind the evolution of reproductive isolation barriers. *New Phytologist* 209: 29-33. (IF₂₀₁₆: 7.33)
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31. Pajkovic, Lappe, Barman, Parisod, Neueunswander, Goudet, Alvarez, Guadagnolo, Felber & Arrigo, 2014, Wheat alleles introgress into selfing wild relatives: empirical estimates from Approximate Bayesian Computation in *Aegilops triuncialis*. *Molecular Ecology* 23: 5089–5101. (IF₂₀₁₄: 6.49)
30. Babst-Kostecka, Parisod, Godé, Vollenweider & Pauwels, 2014, Patterns of genetic divergence among populations of the pseudometallophyte *Biscutella laevigata* from southern Poland. *Plant and Soil* 383: 245-256. (IF₂₀₁₄: 2.95)

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27. Parisod, Salmon, Ainouche & Grandbastien, 2014, Detecting epigenetic effects of transposable elements in plants. In *Plant Epigenetics and Epigenomics* (Eds. Spillane & McKeown), Springer, ***Methods in Molecular Biology*** 112: 211-217. (IF₂₀₁₃: 1.29)
- © 26. Bonchev & Parisod, 2013, Transposable elements and microevolutionary changes in natural populations. ***Molecular Ecology Resources*** 13: 765-775. (IF₂₀₁₃: 5.63)
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- © 24. Senerchia, Wicker, Felber & Parisod, 2013, Evolutionary dynamics of LTR retrotransposons in wild wheats assessed with high throughput sequencing. ***Genome Biology and Evolution*** 5: 1010-1020. (IF₂₀₁₃: 4.53)
- † 23. Abbott, Albach, Ansell, Arntzen, Baird, Bierne, Boughman, Brelsford, Buerkle, Buggs, Butlin, Dieckmann, Eroukhmanoff, Grill, Helms Cahan, Hermansen, Hewitt, Hudson, Jiggins, Jones, Keller, Marczewski, Mallet, Martinez-Rodriguez, Möst, Mullen, Nichols, Nolte, Parisod, Pfennig, Rice, Ritchie, Seifert, Smadja, Stelkens, Szymura, Väinöla, Wolf, Zinner (39 authors; Parisod as discussion leader), 2013, Target Review: Hybridization and speciation. ***Journal of Evolutionary Biology*** 26: 229–246. (IF₂₀₁₃: 3.48)
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17. Holderegger, Thiel-Egenter & Parisod, 2011, Marie Brockmann-Jerosch and her influence on alpine phylogeography. ***Alpine Botany*** 121: 5-10. (IF₂₀₁₂: 1.77)
16. Leempoel, Stucki, Parisod & Joost, 2011, Very high resolution digital elevation models (VHR DEMs) and multiscale landscape genomics analysis applied to an alpine plant species. ***SIGSPATIAL*** 3: 10-14. (IF₂₀₁₁: 1.01)
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Popular science publications

- © 5. Parisod, Besnard & Hainard, 2018, Le Simplon : voie de transit pour les plantes et carrefour de la biodiversité alpine. *Bulletin de la Murithienne* 135 : 23-38.
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