

## ***LIST OF PUBLICATIONS:***

- Finn, J.A., **Suter, M.**, Vishwakarma, R., Oram, N.J., Lüscher, A., Brophy, C. (2024) Design principles for multi-species productive grasslands: Quantifying effects of diversity beyond richness. *Journal of Ecology* 112:2471-2479.
- Richter, F.J., **Suter, M.**, Lüscher, A., Buchmann, N., El Benni, N., Feola Conz, R., . . . Klaus, V.H. (2024) Effects of management practices on the ecosystem-service multifunctionality of temperate grasslands. *Nature Communications* 15:3829.
- Klötzli, J., **Suter, M.**, Beaumont, D., Kolmanić, A., Leskovšek, R., Schaffner, U., Storkey, J., Lüscher, A. (2024) Key management practices to reduce the risk of the occurrence of *Rumex obtusifolius* in productive grasslands. *Weed Research* 64:76-88.
- Klötzli, J., **Suter, M.**, Beaumont, D., Kolmanić, A., Leskovšek, R., Schaffner, U., Storkey, J., Lüscher, A. (2024) Finding a needle in a haystack: case-control studies can identify measures to prevent weeds in grassland. *Grassland Science in Europe* 29:434-436.
- Suter, M.**, Klötzli, J., Beaumont, D., Kolmanić, A., Leskovšek, R., Schaffner, U., Storkey, J., Lüscher, A. (2023) Can the soil seed bank of *Rumex obtusifolius* in productive grasslands be explained by management and soil properties? *PLOS ONE* 18, e0286760. DOI: 10.1371/journal.pone.0286760
- Klötzli, J., **Suter, M.**, Schaffner, U., Müller-Schärer H., Lüscher, A. (2023) Synergistic effects of grass competition and insect herbivory on the weed *Rumex obtusifolius* in an inundative biocontrol approach. *Scientific Reports* 13:18508. DOI:10.1038/s41598-023-45609-y
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- Lüscher, A., Barkaoui, K., Finn, J.A., Suter, D., **Suter, M.**, Volaire, F. (2022) Using plant diversity to reduce vulnerability and increase drought resilience of permanent and sown productive grasslands. *Grass and Forage Science* 77:235–246.
- Volk, M., **Suter, M.**, Wahl, A.-L., Bassin, S. (2022) Massive warming-induced carbon loss from subalpine grassland soils in an altitudinal transplantation experiment. *Biogeosciences* 19:1921-2937.
- Suter, M.**, Huguenin-Elie, O., Lüscher, A. (2021) Multispecies for multifunctions: combining four complementary species enhances multifunctionality of sown grassland. *Scientific Reports* 11:3835. DOI:10.1038/s41598-021-82162-y
- Hahn, C., Lüscher, A., Ernst-Hasler, S., **Suter, M.**, Kahmen, A. (2021) Timing of drought in the growing season and strong legacy effects determine the annual productivity of temperate grasses in a changing climate. *Biogeosciences* 18:585-604.

- Volk, M., **Suter, M.**, Wahl, A.-L., Bassin, S. (2021) Sub-alpine grassland productivity increased with warmer and drier conditions, but not with higher N-deposition, in an altitudinal transplantation experiment. *Biogeosciences* 18:2075-2090.
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- Connolly, J., Sebastià, M.-T., Kirwan, L., Finn, J. A., Llurba, R., **Suter, M.**, Collins, R. A., Porqueddu, C., Helgadóttir, A., Baadshaug, O. H., *et al.* (2018) Weed suppression greatly increased by plant diversity in intensively managed grasslands: A continental-scale experiment. *Journal of Applied Ecology* 55:852-862.
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#### **WEITERE PUBLIKATIONEN:**

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