

## Publication list Prof. Dr. Rolf Holderegger

### ISI-articles

- Aavik T., Holderegger R., Edwards P.J., Billeter R. In press. Patterns of contemporary gene flow suggest low functional connectivity of grasslands in a fragmented agricultural landscape. *Journal of Applied Ecology*.
- Bothwell H., Bisbing S., Crawford L., Overgaard Therkildsen N., Alvarez N., Holderegger R., Manel S. In press. Identifying genetic signatures of selection in a non-model species: a case study of an alpine gentian (*Gentiana nivalis* L.). *Conservation Genetics*.
- Buehler D., Poncet B.N., Holderegger R., Manel S., Taberlet P., Gugerli F. In press. An outlier locus relevant in habitat-mediated selection across independent regional replicates. *Evolutionary Ecology*.
- Keller I., Holderegger R. In press. Damselflies use different movement habitats for short- and long-distance dispersal. *Insect Conservation and Diversity*.
- Keller D., Holderegger R., Van Strien M. In press. Spatial population configuration affects landscape genetic analyses. *Molecular Ecology*.
- Seymour M., Kristjansson B., Holderegger R., Räsänen K. In press. Connectivity in a pond system influences migration and genetic structure in threespine stickleback. *Ecology and Evolution*.
- Herrmann M., Holderegger R., Van Strien M.J. 2013. Influence of parameter settings in automated scoring of AFLPs on population genetic analysis. *Molecular Ecology Resources* 13: 128-134.
- Walzer C., Kowalczyk C., Alexander J.M., Baur B., Bogliani G., Brun J.-J., Füreder L., Guth M.-O., Haller R., Holderegger R., Kohler Y., Kueffer C., Righetti A., Spaar R., Sutherland W.J., Ullrich-Schneider A., Vanpeene-Bruhier S.N., Scheurer T. 2013. The 50 most important questions relating to the maintenance and restoration of an ecological continuum in the European Alps. *PLOS One* 8: e53139.
- Aavik T., Edwards P.J., Holderegger R., Graf R., Billeter R. 2012. Genetic consequences of using seed mixtures in restoration: a case study of the wetland plant *Lychnis flos-cuculi*. *Biological Conservation* 145: 195-204.
- Buehler D., Graf R., Holderegger R., Gugerli F. 2012. Contemporary gene flow and mating system of *Arabis alpina* in a Central European alpine landscape. *Annals of Botany* 109: 1359-1367.
- Diacon-Bolli J.C., Dalang T., Holderegger R., Bürgi M. 2012. Heterogeneity fosters biodiversity: linking history and ecology of dry calcareous grasslands. *Basic and Applied Ecology* 13: 641-653.
- Hepenstrick D., Holderegger R., Thiel D., Gugerli F. 2012. Genetic discontinuities in roe deer (*Capreolus capreolus*) coincide with fenced transportation infrastructure. *Basic and Applied Ecology* 13: 631-638.
- Hoebee S.E., Angelone S., Csencsics D., Määtänen K., Holderegger R. 2012. Diversity of S-alleles and mate availability in three populations of self-incompatible wild pear (*Pyrus pyraster*). *Journal of Heredity* 103: 260-267.
- Holderegger R., Gugerli F. 2012. Where do you come from, where do you go? Directional migration rates in landscape genetics. *Molecular Ecology* 21: 5640-5642.
- Jay, F., Manel S., Alvarez N., Durand E., Thuiller W., Holderegger R., Taberlet P., Francois O. 2012. Forecasting changes in population genetic structure of Alpine plants in response to global warming. *Molecular Ecology* 21: 2354-2368.
- Keller D., Jung E., Holderegger R. 2012. Development of microsatellite markers for the wetland grasshopper *Stethophyma grossum*. *Conservation Genetics Resources* 4: 507-509.
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