

* indicates equal contributions

Martin, S. H., **M. Möst**, W. J. Palmer, C. Salazar, W. O. McMillan, F. M. Jiggins & C. D. Jiggins, 2016. Natural selection and genetic diversity in the butterfly *Heliconius melpomene*. **Genetics** 203:525-41.

DOI: <http://doi.org/10.1534/genetics.115.183285>

Schaefer, S., M. Seiter, C. Ranninger, **M. Möst**, P. Obexer, C. G. Huber, M. J. Ausserlechner, S. Schwaiger & H. Stuppner. Characterization of the XIAP-inhibiting proanthocyanidin fraction of the aerial parts of *Ephedra sinica*. **Planta Medica** 82:973-85. DOI: <http://doi.org/10.1055/s-0042-107253>

Alric, B., **M. Möst**, I. Domaizon, C. Pignol, P. Spaak & M. E. Perga, 2016. Local human pressures influence gene flow in a hybridizing *Daphnia* species complex. **J Evol Biol** 29:720-35. DOI: <http://doi.org/10.1111/jeb.12820>

Möst, M., S. Oexle, S. Markova, D. Aidukaite, L. Baumgartner, H. B. Stich, M. Wessels, D. Martin-Creuzburg & P. Spaak, 2015. Population genetic dynamics of an invasion reconstructed from the sediment egg bank. **Molecular Ecology** 24:4074-4093. DOI: <http://doi.org/10.1111/mec.13298>

Schilder, J., C. Tellenbach, **M. Möst**, P. Spaak, M. van Hardenbroek, M. J. Wooller & O. Heiri, 2015. The stable isotopic composition of *Daphnia ephippia* reflects changes in delta C-13 and delta O-18 values of food and water. **Biogeosciences** 12:3819-3830. DOI: <http://doi.org/10.5194/bg-12-3819-2015>

Van den Wyngaert, S.*, **M. Möst***, R. Freimann, B. Ibelings & P. Spaak, 2015. Hidden diversity in the freshwater planktonic diatom *Asterionella formosa*. **Molecular Ecology** 24, 2955-2972 DOI: <http://doi.org/10.1111/mec.13218>

Möst, M.*, A. C. Chiaia-Hernandez*, M. P. Frey, J. Hollender & P. Spaak, 2015. A mixture of environmental organic contaminants in lake sediments affect hatching from *Daphnia* resting eggs. **Environmental Toxicology and Chemistry** 34:338-345. DOI: <http://doi.org/10.1002/etc.2808>

Seehausen, O., R. K. Butlin, I. Keller, C. E. Wagner, J. W. Boughman, P. A. Hohenlohe, C. L. Peichel, G.-P. Saetre, C. Bank, A. Brannstrom, A. Brelsford, C. S. Clarkson, F. Eroukhmanoff, J. L. Feder, M. C. Fischer, A. D. Foote, P. Franchini, C. D. Jiggins, F. C. Jones, A. K. Lindholm, K. Lucek, M. E. Maan, D. A. Marques, S. H. Martin, B. Matthews, J. I. Meier, **M. Möst**, M. W. Nachman, E. Nonaka, D. J. Rennison, J. Schwarzer, E. T. Watson, A. M. Westram & A. Widmer, 2014. Genomics and the origin of species. **Nature Reviews Genetics** 15:176-192. DOI: <http://doi.org/10.1038/nrg3644>

Möst, M. 2013. Environmental change and its impact on hybridizing *Daphnia* species complexes, PhD Thesis ETH Zurich, Switzerland. 139 pp. <http://e-collection.library.ethz.ch/eserv/eth:8053/eth-8053-02.pdf>

Chiaia-Hernandez, A. C., R. Ashauer, **M. Möst**, T. Hollingshaus, J. Jeon, P. Spaak & J. Hollender, 2013. Bioconcentration of organic contaminants in *Daphnia* resting eggs. **Environmental Science and Technology** 47: 10667-75. DOI: <http://doi.org/10.1021/es401763d>

Möst, M., A. Petrussek, R. Sommaruga, P. J. Juračka, M. Slusarczyk, M. Manca & P. Spaak, 2013. At the edge and on the top: molecular identification and ecology of *Daphnia dentifera* and *D. longispina* in high-altitude Asian lakes. **Hydrobiologia** 715:51-62. DOI: <http://doi.org/10.1007/s10750-012-1311-x>

Abbott, R., D. Albach, S. Ansell, J. W. Arntzen, S. J. Baird, N. Bierne, J. Boughman, A. Brelsford, C. A. Buerkle, R. Buggs, R. K. Butlin, U. Dieckmann, F. Eroukhmanoff, A. Grill, S. H. Cahan, J. S. Hermansen, G. Hewitt, A. G. Hudson, C. Jiggins, J. Jones, B. Keller, T. Marczewski, J. Mallet, P. Martinez-Rodriguez, **M. Möst**, S. Mullen, R. Nichols, A. W. Nolte, C. Parisod, K. Pfennig, A. M. Rice, M. G. Ritchie, B. Seifert, C. M. Smadja, R. Stelkens, J. M. Szymura, R. Vainola, J. B. Wolf & D. Zinner, 2013. Hybridization and speciation. **Journal of Evolutionary Biology** 26:229-46. DOI: <http://doi.org/10.1111/j.1420-9101.2012.02599.x>

Egg, M., L. Koblitz, J. Hirayama, T. Schwerte, C. Folterbauer, A. Kurz, B. Fiechtner, **M. Möst**, W. Salvenmoser, P. Sassone-Corsi & B. Pelster, 2013. Linking oxygen to time: the bidirectional interaction between the hypoxic signaling pathway and the circadian clock. **Chronobiology International** 30:510-29. DOI: <http://doi.org/10.3109/07420528.2012.754447>

Theses

Möst, M. 2013. Environmental change and its impact on hybridizing *Daphnia* species complexes, PhD Thesis ETH Zurich, Switzerland. 139 pp. <http://e-collection.library.ethz.ch/eserv/eth:8053/eth-8053-02.pdf>

Möst, M. 2009. Influence of hypoxia on mRNA levels of hypoxia regulated genes and genes of the circadian clock in zebrafish larvae, Master's Thesis University of Innsbruck, Austria. 111 pp.