

## Journal articles (H index=12)

- 1) **Mona**, S., E. Randi, and M. Tommaseo-Ponzetta. 2007. Evolutionary history of the genus *Sus* inferred from cytochrome b sequences. *Mol Phylogenet Evol* 45:757-762.
- 2) **Mona**, S., M. Tommaseo-Ponzetta, S. Brauer, H. Sudoyo, S. Marzuki, and M. Kayser. 2007. Patterns of Y-chromosome diversity intersect with the Trans-New Guinea hypothesis. *Mol Biol Evol* 24:2546-2555.
- 3) Kayser, M., Y. Choi, M. van Oven, S. **Mona**, S. Brauer, R. J. Trent, D. Suarkia, W. Schiefenhover, and M. Stoneking. 2008. The impact of the Austronesian expansion: evidence from mtDNA and Y chromosome diversity in the Admiralty Islands of Melanesia. *Mol Biol Evol* 25:1362-1374.
- 4) **Mona**, S., B. Crestanello, S. Bankhead-Dronnet, E. Pecchioli, S. Ingrosso, S. D'Amelio, L. Rossi, P. G. Meneguz, and G. Bertorelle. 2008. Disentangling the effects of recombination, selection, and demography on the genetic variation at a major histocompatibility complex class II gene in the alpine chamois. *Mol Ecol* 17:4053-4067.
- 5) **Mona S.**, K. Grunz, S. Brauer, B. Pakendorf, L. Castrì, H. Sudoyo, S. Marzuki, R. Barnes, J. Schmidtke, M. Stoneking, and M. Kayser. 2009. Genetic admixture history of eastern Indonesia as revealed by Y-chromosome and mitochondrial DNA analysis. *Mol Biol Evol* 26:1865-1877.
- 6) Crestanello B., E. Pecchioli, C. Vernesi, **S. Mona**, N. Martínková, H. Hauffe, and G. Bertorelle. 2009. The genetic impact of translocations and habitat fragmentation in *Rupicapra* spp.. *Journal of Heredity* 100(6):691-708.
- 7) Ghirotto S., **S. Mona**, A. Benazzo, F. Paparazzo, D. Caramelli, and G. Barbujani. 2010. Inferring Genealogical Processes from Patterns of Bronze-Age and Modern DNA variation in Sardinia. *Mol Biol Evol* 27(4):875-886.
- 8) **Mona S.**, G. Catalano, G. Larson, M. Lari, P. Boscato, A. Casoli, L. Sineo, C. Di Patti, D. Caramelli and G. Bertorelle. 2010. Population dynamic of the extinct European aurochs: genetic evidence of a North-South differentiation pattern and no evidence of post-glacial expansion. *BMC Evolutionary Biology* 10:83.
- 9) Fuselli S., C. de Filippo, **S. Mona**, J. Sistonen, P. Fariselli, G. Destro-Bisol, G. Barbujani, G. Bertorelle and A. Sajantila. 2010. Evolution of Detoxifying Systems: the Role of Environment and Population History in Shaping Genetic Diversity at Human CYP2D6 Locus. *Pharmacogenetics and Genomics* 20(8): 485-499.
- 10) Bertorelle G., Benazzo A., and **S. Mona**. 2010. ABC as a flexible framework to estimate demography over space and time: some cons, many pros. (Review) *Molecular Ecology* 19(13):2609-25
- 11) Lari M., Rizzi E., **Mona S.**, Corti G., Catalano G., Chen K., Vernesi C., Larson G., Boscato P., De Bellis G, Cooper A., Caramelli D and G. Bertorelle. 2011. The Complete Mitochondrial Genome of an 11,450-year-old Aurochsen (*Bos primigenius*) from Central Italy. *BMC Evolutionary Biology* 2011, 11:32

- 12) Frezal L., Meli F., Mousset S., **Mona S.** and M. Veuille. 2012. Geographical delimitation of a partial selective sweep in African *Drosophila melanogaster*. *Molecular Ecology* 21(23):5702-5714.
- 13) Colonna V., Pistis G., Bomba L., **Mona S.**, Matullo G., Boano R., Sala C., Vigano F., Torroni A., Achilli A., Kashani B., Malerba G., Gambaro G., Soranzo N., and D. Toniolo. 2013. Small effective population size and genetic homogeneity in the Val Borbera isolate. *European Journal of Human Genetics* 21(1):89-94.
- 14) Porretta D., Mastrantonio V., **Mona S.**, Epis S., Montagna M., Sasserà D., Bandi C. and S. Urbanelli. 2013. The integration of multiple independent data reveals an unusual response to Pleistocene climatic changes in the hard tick *Ixodes ricinus*. *Molecular Ecology* 22(6):1666-1682.
- 15) **Mona S.**, E. Mordret, M. Veuille and M. Tommaseo-Ponzetta. 2013. Investigating sex-specific dynamics using uniparental markers: West New Guinea as a case study. *Ecology and Evolution* 3(8): 2647–2660.
- 16) Tommaseo-Ponzetta M., **Mona S.**, F. Calabrese, E. Vacca and M. Attimonelli. 2013. Mountain pygmies of Western New Guinea: a morphological and molecular approach. *Human Biology* 85(1-3):285-308.
- 17) Bouiges A., Yassin A., Ikogou M., Lelarge C., Sikoa A., **Mona S.** and M. Veuille. 2013. Detecting recent changes in the demographic parameters of drosophilid populations from western and central Africa. *Comptes Rendus Geoscience* 345: 297–305
- 18) **Mona S.**, Ray N., Arenas M., and L. Excoffier. 2014. Genetic consequences of habitat fragmentation during a range expansion. *Heredity*, 112(3):291-9.
- 19) Marra A., **Mona S.**, Sà R.M., D'Onghia G., and P. Maiorano. 2015. Population Genetic History of *Aristeus antennatus* (Crustacea: Decapoda) in the Western and Central Mediterranean Sea. *PLoS ONE* 10(3): e0117272.
- 20) Merker M., Blin C., **Mona S.**, Duforet-Frebourg N.,..... Supply P., Niemann S. and T. Wirth. 2015. Evolutionary history and global spread of the Mycobacterium tuberculosis Beijing lineage. *Nature Genetics* 47(3):242-9.
- 21) Duminil J., **Mona S.**, Mardulyn P., Doumenge C., Walmacq F., Doucet J. and O.H. Hardy. 2015. Late Pleistocene molecular dating of past population fragmentation and demographic changes in African rain forest tree species supports the forest refuge hypothesis. *Journal of Biogeography*, in press.

## Books Chapters

- 1) **Mona S.**, Bertorelle G. 2008. Population Differentiation: Measures. In: Encyclopedia of Life Sciences. John Wiley & Sons, Ltd: Chichester.

- 2) **Mona S.**, Bertorelle G. 2013. Population Differentiation: Measures. In: eLS. John Wiley & Sons, Ltd: Chichester. DOI: 10.1002/9780470015902.a0005456.pub3
- 3) Arenas M., **Mona S.**, Trochet A, Sramkova Hanulova A, Currat, M, Ray N., Chikhi L., Rasteiro R., Schmeller D.S., and Excoffier L. 2014. The scaling of genetic diversity in a changing and fragmented world. In "Scaling in ecology and conservation". Eds., Henle, K. et al. Pensoft Publishers. In press.