

## Publication list (supervised students underlined; \*== co-last or co-first)

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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. Schiefenhovel, 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. Castri, 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.
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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.
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  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
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  24. Carlucci R., Maglietta R., Buscaino G., Cipriano G., Milella A., Pollazon V, Bondanese P, De Leonardis C, **Mona S.**, Nitti M., Papale E., Renò V, Ricci P., Stella E., Fanizza C. 2017. Review on research studies and monitoring system applied to cetaceans in the Gulf of Taranto (Northern Ionian Sea, Central-Eastern Mediterranean Sea). 14th IEEE International Conference on Advanced Video and Signal Based Surveillance (AVSS).
  25. **Delrieu-Trottin E.**, **Mona S.**, Maynard J., Neglia V., Veuille M., and S. Planes. 2017. Population expansions dominate demographic histories of endemic and widespread Pacific reef fishes. *Scientific Reports* 7:40519.
  26. **Mona S.** 2017. On the role played by the carrying capacity and the ancestral population size during a range expansion. *Heredity* 118(2):143-153.
  27. Corrigan S., **Maisano Delser P.**, Eddy C., Duffy C., Yang L., Li C., Bazinet A., **Mona S.**, and Gavin Naylor. 2017. Historical introgression drives pervasive mitochondrial admixture between two species of pelagic sharks. *Molecular Phylogenetics and Evolution* 110: 122-126.
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- of Sulawesi's iconic artiodactyls driven by recent geological events. *Proc Biol Sci.* 2018 Apr 11;285(1876).
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  34. Delrieu-Trottin E., Hubert N., Giles EC., Chifflet-Belle P., Suwalski A., Neglia V., Rapu-Edmunds C., **Mona S.\***, Saenz-Agudelo P.\*. 2020. Coping with Pleistocene climatic fluctuations: Demographic responses in remote endemic reef fishes. *Molecular Ecology*, 29(12): 2218-2233.
  35. Feutry P., Devloo-Delva F.\*, Tran Lu Y A.\*, **Mona S.\***, Gunasekera RM., Johnson G., Pillans R., Jaccoud D., Kilian A., Morgan DL., Saunders T., Bax NJ., Kyne PM. 2020. One panel to rule them all: DArTcap genotyping for population structure, historical demography, and kinship analyses, and its application to a threatened shark. *Molecular Ecology Resources* 20 (6), 1470-1485.
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  37. Lesturgie P., Lainé H., Suwalski A., Chifflet-Belle P., Maisano Delser P., Clua E., Jaquemet S., Magalon H., **Mona S.** 2022. Ecological and biogeographic features shaped the complex evolutionary history of an iconic apex predator (*Galeocerdo cuvier*). *BMC Ecology and Evolution* 22 (1), 147.
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43. Oury N, **Mona S**, Magalon H. 2024. Same places, same stories? Genomics reveals similar structuring and demographic patterns for four Pocillopora coral species in the southwestern Indian Ocean. *Journal of Biogeography* 51 (4), 754-768.
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45. Lesturgie P, Denton J, Yang L, Corrigan S, Kneebone J, Laso-Jadart R, Lynghammar A, Fedrigo O, **Mona S\***, Naylor G\*. 2025. Short-term Evolutionary Implications of an Introgressed Size-Determining Supergene in a Vulnerable Population. *Nat Commun* 16, 1096.
46. Giles EC, Laso-Jadart R, Ortiz-Barrientos D, Soto PC, Delrieu-Trottin E, Guillemin ML, **Mona S**, Pochon X, Saenz-Agudelo P. Mapping Species Birth Across the Recombination Landscapes of Marine Snails. *Mol Ecol*. 2025 Nov;34(22):e70108. doi: 10.1111/mec.70108.
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