

**Integrating Population Genetics and Conservation Biology: merging theoretical,
experimental and applied approaches (*ConGen*)**

List of publications (May 2010)

2010:

- Avise J.C. (2010): Perspective: conservation genetics enters the genomics era, *Conservation Genetics* 11: 665–669.
- Bakker J., Van Rijswijk M.E.C., Weissing F.J., Bijlsma R. (2010): Consequences of fragmentation for the ability to adapt to novel environments in experimental *Drosophila* metapopulations, *Conservation Genetics* 11: 435–448.
- Biebach I., Keller L.F. (2010): Inbreeding in reintroduced populations: the effects of early reintroduction history and contemporary processes, *Conservation Genetics* 11: 527–538.
- Bijlsma R., Westerhof M.D.D., Roekx L.P., Pen I. (2010): Dynamics of genetic rescue in inbred *Drosophila melanogaster* populations, *Conservation Genetics* 11: 449–462.
- Boessenkool S., Star B., Seddon P.J., Waters J.M. (2010): Temporal genetic samples indicate small effective population size of the endangered yellow-eyed penguin, *Conservation Genetics* 11: 539–546.
- Bouzat J.L. (2010): Conservation genetics of population bottlenecks: the role of chance, selection, and history, *Conservation Genetics* 11: 463–478.
- Caballero A., Rodríguez-Ramilo S.T., Ávila V., Fernández J. (2010): Management of genetic diversity of subdivided populations in conservation programmes, *Conservation Genetics* 11: 409–419.
- Frankham R. (2010): Where are we in conservation genetics and where do we need to go?, *Conservation Genetics* 11: 661–663.
- Hedrick P.W. and Fredrickson R. (2010): Genetic rescue guidelines with examples from Mexican wolves and Florida panthers, *Conservation Genetics* 11: 615–626.
- Koelewijn H.P., Pérez-Haro M., Jansman H.A.H., Boerwinkel M.C., Bovenschen J., Lammertsma D.R., Niewold F.J.J., Kuiters A.T. (2010): The reintroduction of the Eurasian otter (*Lutra lutra*) into the Netherlands: hidden life revealed by noninvasive genetic monitoring, *Conservation Genetics* 11: 601–614.
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- Leducq J.B., Gosset C.C., Poiret M., Hendoux F., Vekemans X., Billiard S. (2010): An experimental study of the S-Allee effect in the self-incompatible plant *Biscutella neustriaca*, *Conservation Genetics* 11: 497–508.

- Lopes J.S., Boessenkool S. (2010): The use of approximate Bayesian computation in conservation genetics and its application in a case study on yellow-eyed penguins, *Conservation Genetics* 11: 421–433.
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- Mikkelsen K., Loeschcke V., Kristensen T.N. (2010): Trait specific consequences of fast and slow inbreeding: lessons from captive populations of *Drosophila melanogaster*, *Conservation Genetics* 11: 479–488.
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- Pertoldi C., Wójcik J.M., Tokarska M., Kawalko A., Kristensen T.N., Loeschcke V., Gregersen V.R., Coltman D., Wilson G.A., Randi E., Henryon M. and Bendixen C. (2010): Genome variability in European and American bison detected using the BovineSNP50 BeadChip, *Conservation Genetics* 11: 627–634.
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- Simon Bahrndorff S., Mariën J., Loeschcke V., Ellers J. (2010) Genetic variation for heat resistance and Hsp70 expression in inbred isofemale lines of the springtail *Orchesella cincta*. *Climate Research* (in press)

- Canale C.L., Henry P-Y (2010) Adaptive phenotypic plasticity of vertebrates in unpredictable environments: an advantage to withstand climate changes? RH: Phenotypic plasticity and climate change. *Climate Research* (in press)
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- Klein A., Horsburgh G.J., Küpper C., Major A., Lee P.L.M., Hoffmann G., Mátics R. and Dawson D.A. (2009): Microsatellite markers characterized in the barn owl (*Tyto alba*) and of high utility in other owls (Strigiformes: AVES), *Molecular Ecology Resources* 9: 1512-1519.
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