



Seewiesen Colloquia

Speaker invited by: Research Group Dingemanse

Thursday, 3. December 2015, 13:00 h, in House 4, Lecture Room

The secrets of infidelity and long living

Dr. Shinichi Nakagawa

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The talk has 2 parts: 1) stories on infidelity and 2) stories on long living. I present stories on interesting dynamics of extra-pair (group) mating in two species of sparrows: house sparrows and hedge sparrows (aka dunnocks). Both sparrow stories will challenge conventional views. Then, in the second part, which is completely unrelated to the first part (unfortunately), I present 3 meta-analyses which investigated how to live long. And I should be able to give my audience on some advice on long healthy living!

Who is Shinichi Nakagawa?

- 2007 PhD, University of Sheffield, UK
- 2008 Lecturer, Department of Zoology, University of Otago, New Zealand
- 2011 Senior Lecturer, Department of Zoology, University of Otago, New Zealand
- 2012 Humboldt Research Fellow, Department of Behavioral Ecology & Evolutionary Genetics, Max Planck Institute for Ornithology, Germany
- 2014 Associate Professor, Department of Zoology, University of Otago, New Zealand
- 2015 Associate Professor, School of Biology, Earth and Environmental Sciences, University of New South Wales, Australia

Selected publications:

- Santos, E. S. A., Santos, L. L. S., Lagisz, M. & Nakagawa, S. (in press) Conflict and cooperation over sex: the consequences of social and genetic polyandry for reproductive success in dunnocks. **Journal of Animal Ecology**
- Hsu, Y.-H., Schroeder, J., Winney, I., Burke, T. & Nakagawa, S. (2015) Are extra-pair males different from cuckolded males? A case study and a meta-analytic examination. **Molecular Ecology**. 24: 1558-1571
- Lagisz, M., Hector, K. L. & Nakagawa, S. (2013) Life extension after heat shock exposure: assessing meta-analytic evidence for hormesis. **Ageing Research Reviews**. 12: 653-660
- Hector, K. L., Lagisz, M. & Nakagawa, S. (2012) The effect of resveratrol on longevity across species: a meta-analysis. **Biology Letters**. 8: 790-793.
- Nakagawa, S., Lagisz, M., Hector, K. L. & Spencer, H. G. (2012) Comparative and meta-analytic insights into life extension via dietary restriction. **Aging Cell**. 11:401-409