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**Academic Integrity:** For additional information please visit: <http://aggiehonor.tamu.edu>. Please pay close attention to guidelines on avoiding plagiarism. **“An Aggie does not lie, cheat, or steal, or tolerate those who do.”**

### SUGGESTED READINGS

Edited by **Étienne Danchin, Luc-Alain Giraldeau, and Frank**

Danchin, É., Giraldeau, L.-A., & Cézilly, F. eds. 2008. *Behavioural Ecology*. Oxford UP.

Westneat, D. F. & Fox, C. W. eds. 2010. *Evolutionary Behavioral Ecology*.

Davies, N. B., Krebs, J. R. & West, S. A. 2012. *An Introduction to Behavioural Ecology*. 4<sup>th</sup> ed. Wiley-Blackwell.

Martin, P. & Bateson, P. 2007. *Measuring behaviour: an introductory guide*. 3<sup>rd</sup> ed. Cambridge.

### LECTURES

4/11/2016	Foraging and nutrient balance (Greg)	Simpson, S.J., Sword, G.A., Lorch, P.D. & Couzin, I.D. (2006) Cannibal crickets on a forced march for protein and salt. PNAS 103:4152-4156.
4/13/2016	Predator/prey coevolution (Greg)	Sword, G.A. (2002) A role for phenotypic plasticity in the evolution of aposematism. Proc. R. Soc. Lond. B 269:1639-1644.
4/18/2016	Collective movement (Greg)	Sumpter, D. J. (2006). The principles of collective animal behaviour. Phil. Trans. R. Soc. Lond. B 361: 5-22.
4/20/2016 PROBLEM SET DUE	Mate choice and sexual selection (Gil)	Ryan, M. J., & Cummings, M. E. (2013). Perceptual biases and mate choice. Annual Review of Ecology, Evolution, and Systematics, 44: 437-459.
4/25/2016	Kin selection and parental care (Gil)	Adams, M. J., Robinson, M. R., Mannarelli, M.-E., & Hatchwell, B. J. (2015). Social genetic and social environment effects on parental and helper care in a cooperatively breeding bird. Proc. R. Soc. Lond. B, 282: 20150689
4/27/2016 PROBLEM SET DUE	Evolution of cooperation and eusociality (Gil)	Sachs, J.L. et al.(2004). The evolution of cooperation. Q. Rev. Biol. 79: 135-160.
5/2/2016		TAKE HOME EXAM DUE AT 315 pm

*One letter grade will be deducted for each day past the deadline!*