**Journal Club Phenotypic Plasticity, SS 2015**

**May 12:** Gerlien, **13 Mery & Burns 2010.** Behavioural plasticity: an interaction between evolution and experience. Evol Ecol 24: 571-583

**May 19:** Franziska & Tina; **08 Giménez 2003.** Potential effects of physiological plastic responses to salinity on population networks of the estuarine crab *Chasmagnathus granulata*. Helgol Mar Res 56: 265-273

**May 26:** Mohamed; **06 Gienapp et al. 2008**. Climate change and evolution: disentangling environmental and genetic responses. Mol Ecol 17: 167-178

**June 2:** Lisa; **19 Snell-Rood et al. 2010.** Toward a population genetic framework of developmental evolution: the costs, limits, and consequences of phenotypic plasticity. BioEssays 32: 71-81

**June 9:** Elisabeth & Lena V.; **10 Karl et al. 2011.** Temperature extremes and butterfly fitness: conflicting evidence from life history and immune function. Glob Change Biol 17: 676-687

**June 16:** Amanda; **05 Gapp et al. 2014.** Early life epigenetic programming and transmission of stress-induced traits in mammals. BioEssays 36: 491-502

**June23:** David & Jelena; **12 Merilä & Hendry 2014.** Climate change, adaptation, and phenotypic plasticity: the problem and the evidence. Evol Appl 7: 1-14

**June 30:** Lena M. & Christine; **21 Valladares et al. 2014.** The effects of phenotypic plasticity and local adaptation on forecasts of species range shifts under climate change. Ecol Lett 17: 1351-1364

**July 7:** Mathilde & Pius; **20 Valladeres & Zavala 2006.** Quantitative estimation of phenotypic plasticity: bridging the gap getween the evolutionary concept and its ecological applications. J Ecol 94: 1103-1116

**July 14:** Mario; **02 Botero et al. 2015.** Evolutionary tipping points in the capacity to adapt to environmental change. PNAS 112: 184-189