

## Journal Club „Genetic Adaptation“, Summer Semester 2017, Soldmannstraße 23, 16:00-17:00 (s.t.)

Date	Speaker	Paper	Host
April 11	Lisa Lehnen	Halbritter et al. 2015. Local adaptation at range edges: comparing elevation and latitudinal gradients. J Evol Biol 28: 1849-1860.	Martin Haase
April 18	Franziska Spitzner	Somero 2010. The physiology of climate change: how potentials for acclimatization and genetic adaptation will determine ‘winners’ and ‘losers’. J Exp Biol 213: 912-920.	Jan-Peter Hildebrandt
April 25	Franziska Günther	Christie et al. 2012. Genetic adaptation to captivity can occur in a single generation. PNAS 109: 238-242.	AG Schnittler
May 2	Lena Muffler	Bansal et al. 2015. Impact of climate change on cold hardiness of Douglas-fir ( <i>Pseudotsuga menziesii</i> ): environmental and genetic considerations. Global Change Biol 21: 3814-3826.	AG Schnittler
May 9	Robert Weigel	Donnelly et al. 2012. Surviving in a warmer world: environmental and genetic responses. Clim Res 53: 245-262.	AG Schnittler
May 16	Amanda Wiesenthal	De Wit & Palumbi 2013. Transcriptome-wide polymorphisms of red abalone ( <i>Haliotis rufescens</i> ) reveal patterns of gene flow and local adaptation. Mol Ecol 22: 2884-2897.	Jan-Peter Hildebrandt
May 23	Christine Reusch	Thomassen et al. 2011. Contemporary divergence in early life history in grayling ( <i>Thymallus thymallus</i> ). BMC Evol Biol 11: 360.	Jan-Peter Hildebrandt
May 30	Elisabeth Reims	Davis et al. 2014. Low genetic variation in cold tolerance linked to species distributions in butterflies. Evol Ecol 28: 495-504	Jan-Peter Hildebrandt
June 6	Mathilde Borg Dahl	Martiny et al. 2015. Microbiomes in light of traits: A phylogenetic perspective. Science 350: aac9323.	Martin Haase
June 13	Rita Fragueira	Hoffmann & Sgro 2011. Climate change and evolutionary adaptation. Nature 470: 479-485.	Martin Haase
June 20	Michael Klockmann	Urbanski et al. 2012. Rapid adaptive evolution of photoperiodic response during invasion and range expansion across a climatic gradient. Am Nat 179: 490-500.	tba
June 27	Gerlien Verhaegen	Perez et al. 2006. The biology of invasions: the genetic adaptation paradox. Biol Invasions 8: 1115-1121.	Martin Haase
July 4	David Würth	Alfaro et al. 2014. The role of forest genetic resources in responding to biotic and abiotic factors in the context of anthropogenic climate change. Forest Ecol Management 333: 76-87.	Martin Haase
July 11	Mario Trouillier	Hereford 2009. A quantitative survey of local adaptation and fitness trade-offs. Am Nat 173: 579-588.	tba