

# DZG Graduate Meeting Evolutionary Biology and Ecology 2016

	Sunday, 6th March Youth Hostel	Monday, 7th March Audimax, Lecture hall 1	Tuesday, 8th March Audimax, Lecture hall 1	Wednesday, 9th March Audimax, Lecture hall 1
9.00		<b>Plenary talk</b> <u>Luc de Meester:</u> Rapid local genetic adaptation to environmental change and its impact on communities and ecosystems – water fleas in action	<b>Plenary talk</b> <u>Jean Clobert:</u> Dispersal, global warming and the pace of life	<u>Madlen Ziege:</u> The unconcerned city rabbit - suburban and urban areas as new habitats for the European rabbit <i>Oryctolagus cuniculus</i>
9.20				<u>James Buckley:</u> Adapting to varying biotic environments along altitudinal gradients in Alpine Brassicaceae
9.40				<u>Pawel Molec:</u> Population differentiation in the parasitoid wasp <i>Nasonia vitripennis</i> and its implication for speciation
10.00		Discussion	Discussion	<u>Taina Conrad:</u> The effect of temperature on the vibrations and odour profiles of males of the red mason bee, <i>Osmia bicornis</i> (L.)
10.20		<b>Break</b> Lecture hall 2	<b>Break</b> Lecture hall 2	<b>Break</b> Lecture hall 2
10.50		<u>Manja Saebelfeld:</u> Impact of increased input of coloured dissolved organic carbon on <i>Daphnia</i> physiology and population structure	<u>Elisabeth Reim:</u> Factors affecting dispersal in a butterfly	<u>Christian König:</u> Sex pheromones as whistleblower - decrypting cryptic click beetle species by analysis of sex pheromones
11.10		<u>Philip Schmitz:</u> Microclimate conditions affect habitat use even within the thermoneutral zone	<u>Yvonne Bohr:</u> The who, why and how of gene flow in a tarsier hybrid tension zone	<u>Johanna Chemnitz:</u> Beyond species recognition: nutritional state, age, body size and parasite load affect long distance sex pheromone communication in the burying beetle <i>Nicrophorus vespilloides</i>
11.30		<u>Anna Hundsdoerfer:</u> Adaptive ecological trait candidate genes: cold hardness in the <i>Hyles euphorbiae</i> complex (Lepidoptera, SpHINGidae)	<u>Viktoria Radchuk:</u> An integrated perspective on adaptation of animals to climate change: what we can learn from meta-analysis	<u>Rick Gawne:</u> Phenotypic responses to predation and dishonest signaling in an arctid moth ( <i>Utetheisa ornatrix</i> )
11.50		<u>Amanda Wiesenhal:</u> Tolerance and responses of freshwater snails ( <i>Theodoxus fluviatilis</i> ) to increasing salinities	<u>Felipe Bezerra Ribeiro:</u> A preliminary molecular phylogeny of South American freshwater crayfish of the genus <i>Parastacus</i> Huxley, 1879 (Crustacea: Decapoda: Parastacidae)	<u>Bin Jiang:</u> Behavior choice of dragonfly <i>Leucorrhinia</i> species under different predation system
12.10		Lunch break	Lunch break	Farewell
13.30		<u>Franziska Spitzner:</u> First insights into responses of crab larvae to environmental stress	<u>Petra Strakova:</u> Hantavirus infection in rodents in Germany	
13.50		<u>Philippe Sprenger:</u> Acclimation of cuticular hydrocarbon profiles to desiccation stress in two sister species of the ant genus <i>Myrmica</i>	<u>Manuel Talarico:</u> Do behaviour and immunity covary in sticklebacks? The effect of infection with <i>Schistocephalus solidus</i> on behavioural syndromes.	
14.10		<u>Alexandra Weyrich:</u> Paternal heat exposure causes immediate and inherited epigenetic response in wild guinea pigs	<u>Sarah Lemke:</u> Salivary proteins - adaptation to blood-feeding in the medicinal leech	
14.30		<u>Nora Stöckl:</u> The role of nucleic acid methylating enzymes in mediating transgenerational effects in the red flour beetle, <i>Tribolium castaneum</i>	<u>Caroline Schöner:</u> Interactions between bats and pitcher plants	
14.50	<b>Break</b> Lecture hall 2	<b>Excursion</b> Baltic Lagoons		
15.20	<u>Jonas Jourdan:</u> Invasive mosquitofish ( <i>Gambusia holbrooki</i> ) in Europe as a model system to study contemporary evolution			
15.40	<u>Sebastian Matuszewski:</u> Catch me if you can: Adaptation from standing genetic variation to a moving phenotypic optimum			
16.00	<u>Alexander Brandt:</u> No deleterious mutation accumulation in parthenogenetic oribatid mites			
16.20	<u>Renata Martins:</u> Evolution in a biodiversity hotspot – insights from archival DNA of red muntjacs			
16.30	Registration  Poster session and finger food Youth Hostel			
18.00		Meet the silverbacks! Brasserie Hermann		
19.00			Ice breaker party	



## Poster

#1	Bastian Heimbürger	Migration, gene flow, and genetic diversity between three exotic earthworm populations in Minnesota, USA
#2	Magdalena Litwin & Pierluigi Colangelo	Dispersal diversity and resurrection ecology of kettle holes
#3	Andreas Klein	Genetic diversity and invasion patterns of European earthworms in North America
#4	Verena Tams	Influence of local adaptation on intraspecific phenotypic variation in <i>Daphnia galeata</i>
#5	Birgit Dümmer	Varying patterns on varying scales: A metacommunity analysis of nematodes in European lakes
#6	Alena Krause	Phylogeny and Evolution of the Sexual and Parthenogenetic Species of the Aquatic Oribatid Mite Taxa Hydrozetes and Limnozetes
#7	Garvin Schulz	The value of different morphological characters: What can be used for species delineation in the testate amoebae genus Trigonopyxis?
#8	Simon Küpper	The female reproductive tract of two sympatric heelwalkers (Insecta: Mantophasmatodea)
#9	Rasha Aboelsoud	The Evolutionary role of heat shock protein 90 (HSP90) in the red flour beetle <i>Tribolium castaneum</i>
#10	Kornelija Marcinkeviciute	Generation and characterization of other rat Hepatitis E Virus recombinant proteins
#11	Veronika Zeus	The importance of social information for roost selection: inter-colony interaction within and between different bat species
#12	Nia	n.n.
#13	Villy	n.n.
#14	Michael Schöner	Carnivorous plants echo the calls of bats to advertise their pitchers as roosts
#15	Viktoria Ferenc	Are climate change impacts on plant-mycorrhiza interactions mediated by nutrients? A multi-species experiment
#16	Sandra Kahl	Evolutionary adaptive responses to rapid climate change in <i>Silene vulgaris</i>
#17	Juliane Lukas	n.n.

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