Online or in person

Behaviour & Evolution Seminars

Summer Semester 2025
On Wednesdays, online or in the room W0-135
12:15h

Zoom information for SoSe2025:
https://uni-bielefeld.zoom-x.de/j/68076185866?pwd=RnZOYTE1Uit-vaGhselB3bERRVEZMZz09
Meeting ID: 680 7618 5866
Passcode: 127983

Date	Speaker	Online/ In-person	Title + Abstract
16.04	Speaker: **Tim H. Parker** (Whitman College, USA) (Host: Alfredo Sánchez-Tójar)	Online **TIME: 14:15!!!**	Title: Same data, different analysts: variation in effect sizes due to analytical decisions in ecology and evolutionary biology Abstract: We studied the effects of analytical choices on variability in statistical effects in ecology and evolutionary biology. In our study, when researchers analyzed the same data to answer the same biological question, we found substantial heterogeneity in statistical effects among the analyses. Because our results suggest that even well-designed analyses may often provide substantially different results from each other, we hope our work leads researchers to a debate about how we should conduct and interpret statistical analyses in ecology and evolutionary biology.
23.04	Marvin Schäfer (Host:Caspers)		Title: TBA Abstract: TBA
30.04	Name: Luis Giménez Institution: Bangor University, UK (Host: Meike Wittmann)	In person	Title: Incorporating intraspecific trait variation to the study of recruitment in open populations of marine organisms with complex life cycles Abstract: This seminar concerns the role of body size variation in driving recruitment dynamics of open population of benthic (=bottom dwell-ing) marine invertebrates. The life cycle of most benthic invertebrates (e.g. crabs, starfish, mussels) is complex and characterised by a pelagic larval phase. Marine larvae are highly dispersive and drift with currents thereby connecting local populations of (benthic) juveniles and adults. Hence, populations of many marine organisms are said to be

			"open"; their dynamics responds partly to regional scale processes driving larval transport and supply to each local population. Theory of open marine populations disregards intraspecific trait variation as a driver of the dynamics. Here, we use marine barnacles (Austrominius modestus and Semibalanus balanoides) as model systems to explore the role of body size in driving density dependent mortality and recruitment. Barnacles characterise benthic communities of intertidal rocky shores (i.e. ex-posed to air twice a day at low tide); adults are sessile an exposed to desiccation, extreme temperature (at low tide) as well as wave action; barnacles compete for space leading to density dependent growth and mortality.
07.05	Name: Institution: (Host: Reinhold)		Title: TBA Abstract: TBA
14.05	Jonathan Henshaw (Universität Freiburg) (Host: Moiron and Borger)	**Online**	Title: Who cares and why? The coevolution of parental care and mating competition Abstract: TBA
21.05	Marcos Suárez Menéndez (Host: Joe Hofman)		Title: Wild μ: Mutation rate estimates, challenges and applications Abstract: Evolution is driven by the emergence of novel genotypes, primarily produced through de novo germline mutations and recombination. Knowing the frequency at which de novo germline mutations occur, the mutation rate (μ), is fundamental to population genetic studies, from estimat-ing the divergence time between lineages to inferring ef-fective population sizes. Wild species have been largely relegated to phylogenetic-based μ estimations, which are often prone to large uncertainties and assumptions. Direct estimations of mutation rates in wild populations present particular challenges and have so far been limited to a few wild populations. For my research, I've worked on ad-dressing some of these challenges and directly estimated nuclear and mitochondrial μ in several baleen whale spe-cies. Our results show that it is feasible to estimate μ directly from pedigrees in natural populations, with wide-ranging implications for ecological and evolutionary re-search.
28.05			Title: TBA Abstract: TBA
04.06	(Host: Spangenberg)		Title: TBA Abstract: TBA

11.06	(Host: Maraci) Andrew Katsis Konrad Lorenz Research, Center University of Vienna	In-person	Title: TBA Abstract: TBA
18.06			Title: TBA Abstract: TBA
25.06	Isabel Smallegange, School of Natural and Environ-mental Sciences, Newcastle University (Host: Meuthen)	Online	Title: TBA Abstract: TBA
02.07	Pablo Salmón Institute of Avian Research "Vogelwarte Helgoland" (Host: Moiron and Maraci)	In person	Title: TBA Abstract: TBA
09.07	(Host:Barauh/Nabutanyi)		Title: TBA Abstract: TBA
16.07.	Name: Rachael Miller (Har-rison) Institution: University of Cam-bridge (Host: Kraus/Chakarov)	Online	Title: Ecological drivers of neophobia across the avian clade Abstract: tba

All interested are welcome!

Questions or comments?

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