

Wednesday 16 August - Morning

	Y-O-111	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	Lecture Hall 4	Lecture Hall 5	Lecture Hall 6	Lecture Hall 7	Lecture Hall 9	Lecture Hall 10	Lecture hall 11
09:00-09:55	Plenary talk Mauricio Cantor										
10:00-10:08		General session Cognition (part 4) Chair: Thomas Bugnyar	Symposium D The role of cooperation and conflicts in the evolution of animal societies (part 1) Chair: Ricardo C. Oliveira	General session Aposematism and mimicry Chair: Johanna Mappes	General session Behavioural ecology (part 3) Chair: Tobias Krause	General session Animal personality (part 3) Chair: Sabine Kraus	General session Combined: Anthropology + Parasites Chair: Anushika Herath		Symposium AD Joint evolution of dispersal and mating system in a changing world Chair: Xiang-Yi Li Richter	Symposium AB Applying animal behaviour research for wildlife conservation purposes Chair: S. L. Rasmussen	Symposium L Bioacoustics in practise - how the analysis of acoustic signalling can help Chair: Julia Jenikejew
10:10-10:28		Fel Peng Bumblebees' flower-facing behaviour during observation predicts their observational learning outcomes	Theresa Rueger Why dominant breeders accept subordinates in anemonefish societies	Allce Exnerova Birds select for accurate mimicry in ant-mimicking spiders	Arpita Ghosh Metabolic Advantages of Depression in Zebrafish (<i>Danio rerio</i>)	Tunya Chirnpilas Identification of the Personality Components present in Twenty-one Former Tourist Tigers (<i>Panthera tigris</i>)	Manon Toutain Visual attention towards animals in individuals with ASD: A scoping review and proof of concept using eye-tracking glasses		Andras Likier Diversity of mating systems and its links to population demography and dispersal	Sophie Lund Rasmussen Wildlife Conservation at a Garden Level: Robotic Lawn Mowers and European Hedgehogs	Mathilde Coutant Bioacoustics as a tool to assess health and welfare of farm animals: opportunities and limitations
10:30-10:48		Barbara Klump Where is the food? – Behavioural flexibility and seasonal variation in bin-opening culture in cockatoos		Katja Koskenpato High detectability costs can select weak warning signal strategy in chemically defended gregarious prey	Mabel Sydney Exploring the relationship between nutrition and reproduction in a model insect	Michaela Masilkova Personality under fire: Does hunting act as an artificial selection on wild boar personality?	Renate Larssen Living with humans: how animals experienced life in Viking Age Scandinavia				Sandra Döjlan Vocal indicators of affective states in farm animals
10:48-11:20	Coffee break										
11:20-11:38		Reznikova Social learning can serve as a driving mechanism for filling the missing fragments of innate complex patterns	Michael Taborsky Race, fight or share: alternative routes to success in resource competition	James Barnett Imperfect mimicry provides a salient warning and camouflage for poison frogs	Raquel Monclús The effects of individual behavioural traits on reproductive success in the spotted starling (<i>Sturnus unicolor</i>)	Xia Zhan Individual responses to capture are not predicted by among-individual risk-taking in response to predation threat	Maryane Gradito Decrease in activity following an experimental infection in pumpkinseed sunfish (<i>Lepomis gibbosus</i>)		Wolfgang Goymann Are they doomed? Female dispersal and the lack of male incubation may push isolated whinchat populations over the edge	Anna Kersten Behavioural response of coastal breeding birds to drone-based surveys of their colonies	Philipp Heseker Detecting pig screams – using animal vocalization for monitoring tail biting events
11:40-11:58		Megan Lambert Invisible properties: the kea parrot's understanding of weight	Irene García Rulz Asymmetric negotiations: Punishment triggers cooperation	Marilla Erickson Why are aposematic signals so effective but so rare?	Eva Millesi Consume or conserve – food hoards affect hibernation patterns and reproductive performance in female common hamsters	Matteo Schlavinato Behavioral consequences through telomere shortening in urban wildlife birds	Iulia Badescu Investigating infant feeding development in wild chimpanzees using keratin stable isotopes of naturally shed hair			Anne Berger Using accelerometers and machine learning algorithms to record key behaviours of cryptic wildlife	Anja Bergmann Non-invasive acoustic species identification of swarming Myotis bats and its application
12:00-12:18		Snigdha Mukhopadhyay Find the shortcut for foraging: Study of individual cognitive ability for path minimization in a thermophilic ant ...	Belojevic Benefits of co-display in ruffs: from strangers to frenemies	Chris Irving The function of individual color pattern elements in <i>Amata nigriceps</i> warning coloration	Chantal Blüml Comparative model of sex-change-systems in fish under size-selective harvesting	Dominic Bourret Testing the speed-accuracy trade-off and its relationship with personality in a population of Eastern chipmunk ...			Lisa Dickel Does mating system modulate the multi-generational fitness effects of dispersal?	Michela Corsini Restoring the night sky: Mitigating the costs of light pollution in protected areas	Francesca Terranova Passive Acoustic Monitoring of a mainland African penguin colony using Autonomous Recording Units
12:20-12:38		Kerjean Strategies used by honeybees to evaluate quantities	Michael Griesser Selfish benefits, not dispersal constraints nor cooperative benefits, drive the formation of cooperative family groups		García-Raventós Plasticity and selection in breeding phenology buffers reproductive success in a long-lived bird					Bernatková From reintroduced to wild: transition in social networks of Przewalski's Horses in the Great Gobi B Strictly Protected Area (Mongolia)	Tereza Petrusková Individual acoustic monitoring for research and conservation
12:40-12:58		Adelaide Sibeaux Determining path integration ability in teleost fish	Georgiade Group stability and divorce in the Seychelles warbler, <i>Acrocephalus sechellensis</i>		Ulrich Reichard The Many Listeners to White-Handed Gibbon Duet Songs				Darwin Brack Male Indiana Bat Use of Indiana Caves in Summer: An Energy Budget and Game Theoretic Approach to Understanding Behaviour	Erin Wessling Direct observational research as a crucial tool for conservation monitoring: the case of bonobo behavioral variability	Vera Pfannerstill Assessing the potential of conspecific playbacks as a management tool for white rhinoceroses
13:00-14:00	Lunch break										

Wednesday 16 August - Afternoon

Time	Y-O-111	Lecture Hall 1	Lecture Hall 2	Lecture Hall 3	Lecture Hall 4	Lecture Hall 5	Lecture Hall 7	Lecture Hall 9	Lecture Hall 10	Lecture hall 11
14:00-14:55	Plenary talk Gladys Kalema-Zikusoka									
15:00-15:08		General session Learning Chair: Elena Kerjean	Symposium D The role of cooperation and conflicts in the evolution of animal societies (part 2) Chair: Ricardo C. Oliveira	General session Foraging (part 1) Chair: F. Hillemann	General session Behavioural ecology (part 4) Chair: Michael Beaulieu	General session Conflicts Chair: Raphael Ritter	General session Communication (part 3) Chair: Taina Conrad	Symposium AE Embracing diversity: comparative sleep research in non-model organisms Chair: Daniela C. Roßler	Symposium U Microbiome, animal behaviour and cognition Chair: Oncü Maraci	Symposium AC Habitat as an extended phenotype Chair: Denis Réale
15:10-15:28		Vittoria Roatti The development of social learning in wild immature baboons	Prisca De Roni Would you land me a claw? Spontaneous helping behaviour in African Grey Parrots.	Baheerathan Murugavel Following a flying fox: Home ranges and the influence of moon phases on the movement ecology of Indian flying fox males	Nikolaos Smit Female reproductive and feeding competition drive differences in dominance patterns between gorilla species	Zanna Clay The role of affiliative body contact in tension reduction in sanctuary-living bonobos and chimpanzees	Lara Southern Vocal turn-taking in chimpanzees in the wild	Niels C. Rattenborg Sleep research goes wild	Gabrielle Davidson Comparative microbiome-mediated cognition: case studies from birds and snails	Pim Edelaar The habitat as an extended phenotype: why, and how?
15:30-15:48		Erlca van de Waal Forgotten Social Benefits of Social Learning in Animals	Liran Samuni Cooperation across social borders in bonobos	Charlotte Doussot Bumblebees' Foraging Routes: The Impact of Resource Distribution and Visual Landmarks	Thomas Green Same-sex courtship and aggression variation in 9 species of American field crickets	Javier Abalos Behavioural threat and appeasement signals override morphology and colouration in contests between male wall lizards	Lukas Schad Alarm barks of male vervet monkeys as indicators of male quality	Andrea Ferretti Swimming asleep: characterization of sleep during paddling in Canada geese (<i>Branta canadensis</i>)		
15:48-16:20	Coffee break									
16:20-16:38		Henrique Galante Invasive ant navigation mechanisms are selectively disrupted by varying concentrations of caffeine	Roman Wittig Out-group conflict causing in-group cooperation in wild chimpanzees	Maria C. Tello Ramos Simple heuristics explain hummingbirds' optimal foraging routes	Chathuranga Dharmarathne Limitations of sperm transfer in spiders - coevolution of morphology and behaviour	Dagmar der Weduwen Archerfish foraging success varies with immediate competition level but not group size	Alexandra Langehennig-Peristenidou Maturation of the vocal production system cannot solely explain the acquisition of the adult trill call in infant grey ...	Euan Mortlock Biologging reveals the ontogeny of sleep in a wild mammal	Amélie Cabrol A defined community of gut bacteria promotes learning and memory in honey bees	Melanie Dammhahn Individualised landscapes of fear as extended phenotypes?
16:40-16:58		Valerie Lucks Do weakly electric fish rely on optic or electric flow to navigate?	Graham Birch Strategic use of male alternative reproductive tactics in cooperatively breeding banded mongoose groups	Hanisch Spatial fidelity and uniform exploration in the foraging behavior of a giant predatory ant	Miriam Scriba Sex-specific risk-aversion in the Mediterranean jumping spider <i>Saitis barbipes</i>	Tobit Dehnen Trade-offs between investing in reproduction and social interactions reveal different pathways to social positions	Kaja Wierucka Same data, different results? An evaluation of the robustness of approaches used for establishing individual distinctiveness of	Hamed Yeganegi Mammalian-like developmental changes are present in the neural signatures of avian sleep	Ruiz Rodríguez Bacteria may influence the mud selection to build the nests in Barn swallows	
17:00-17:18		Sadie Tenpas The development and transmission of stone-handling behaviour in captive Japanese macaques at the Highland Wildlife Park, Scotland	Carita Lindstedt Would you 'puke' to save your sister? Sex-linked freeloading in costly cooperative antipredator defence in social haplodiploid pine sawfly	Patrick Schultheiss No direction home: how ants perform systematic searches	Laurie L'Espérance Effect of global climate and local weather on Tree swallow (<i>Tachycineta bicolor</i>) migration and breeding phenology	Arlene Velt Cognitive arms-race in free-ranging pigs	Paulo Sérgio Amorim Duet propagation and adjacent-distant neighbor discrimination in a neotropical ovenbird	Nadja Gelger Ontogenetic changes of REM sleep in the jumping spider <i>Portia fimbriata</i>	Ester Martínez-Renau Bacterial communities of avian symbionts are predicted by risk of pathogenic infection associated with nesting habits	Peter Korsten Social competition as a driver of phenotype-environment correlations: implications for ecology and evolution
17:20-17:38		Kukofka What mechanisms underly orangutan social learning? - Comparing peering behavior in wild and zoo-housed orangutans	Elva Robinson The evolution of inter-group cooperation	Berenika Mioduszewska Group foraging on feeding platforms in wild free-ranging Tanimbar corellas		Fiserová Interspecific competition between the Great spotted woodpecker (<i>Dendrocopos major</i>) and the Syrian woodpecker (<i>Dendrocopos syriacus</i>)	Bas van Boekholt Bodies in play: The role of bodily affordances in coordinating play in chimpanzees in the wild	Nitya Prakash Mohanty The ecology of sleep in reptiles	Andrea De Wind Borrego Implication of bacteria in the sexual selection of male Iberian red deer (<i>Capreolus elaphus hispanicus</i>)	Fredde Mckendrick Individual-level variability in plasticity of foraging effort at glacial fronts in a High Arctic seabird
17:40-17:58		Tiago Monteiro Going back to 'basics': Harlow's learning set task with wolves and dogs	Ricardo Callari Oliveira Caste fate conflicts and the tragedy of the commons in stingless bees					Marc Bauhus How do sick fish sleep? - Sleep behavior of three-spined stickleback ... Mikkel Roald-Arbel Sleep-like rest duration is repeatable within	Eva Ringler The role of parental care as a mechanism for skin microbiome transmission in a poison frog	Katie Morrow Conceptual issues about the phenotype-environment distinction in ecology, evolution and behavioral research
18:00-23:00	Social events: (1) Science "Pub" Quiz at 18:00 in the main hall/lecture hall 6; (2) Night walk in the Tierpark at 20:00 at Tierpark Olderdissen									

Sport event 16:00 to 19:30 at the sports facilities