

Posters Thursday 15.2

Poster	Author	Affiliation	Title
1	JEREMY RIO	U. Geneva	Bayesian estimation of partial population continuity using spatially explicit simulations
3	MARIA WEINRICH	U. Bern	Grassland ecological quality: how do indicator plant species predict invertebrate diversity?
5	SIMON CRAMERI	ETH Zurich	Molecular species diagnosis in CITES-listed <i>Dalbergia</i> precious woods: insights and implications for forensic timber identification
7	CORINA MAURER	U. Bern	Effects of habitat fragmentation on bumblebee foraging trip duration and colony fitness
9	PETRA BENETKOVÁ	Charles University	Community development of soil nematodes during heathland restoration in the Netherlands
11	CLAUDIA BLUMENSTEIN	U. Bern	The effect of lamp proximity to aquatic habitats on the attraction of adult aquatic insects
13	SIMON TRESCH	U. Neuchatel	What drives the decomposition of organic material in urban gardens?
15	ANAÍS BINGGELI	U. Bern	Foraging micro-habitat selection of the White-Winged Snowfinch <i>Montifringilla nivalis</i> in the Swiss Alps
17	MATHILDA HAYOZ	U. Neuchatel	Endospores in paleoecology: Investigation of their origin in high mountain lakes
19	BENEDIKT SCHMIDT	Info Fauna Karch, U. Zurich	Amphibian decline in protected areas
21	CLAUDIO AUGUGLIARO	U. Lausanne	Snow leopard site use in the Mongolian Altai-Sayan Ecoregion: the effects of preys and sympatric large carnivores
23	MARC GRÜNIG	Agroscope, ETH Zurich	Spatial modelling of insect pests under climate change
25	QIANG LIN	Ins. Soil Bio., Czech Academy of Sciences	Temperature regulates deterministic processes and the succession of microbial interactions in an anaerobic digestion process
27	NASRIN AMINI TEHRANI	U. Lausanne	Spatial predictions of essential biodiversity variables: a bird perspective
29	ANDREA ZANETTA	U. Fribourg	Change in invertebrate taxonomic and functional community composition along an urbanization gradient
31	FABIAN FOPP	ETH Zürich	Spatial and temporal dynamics of the Alpine Rock Ptarmigan (<i>Lagopus muta helvetica</i>) in Switzerland
33	CAMILLE PITTELOUD	ETH Zurich	How to document plant-insect interaction networks?
35	JANKO TACKMANN	U. Zurich	Inference of microbial interaction networks from large-scale data sets through causal knowledge discovery
37	ROBIN SÉCHAUD	U. Lausanne	Barn owl (<i>Tyto alba</i>) foraging strategies and habitat selection
39	CHARLOTTE BELLOT	U. Neuchatel	Variations in Body Condition in Humpback whales

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41	SERAINA CAPPELLI	U. Bern	The impact of global change on the abundance and impact of grassland pathogenic fungi: results from the PaNDiv experiment
43	CHRISTOPHE PAUL	U. Neuchatel	A historical legacy of antibiotic utilization on bacterial seed banks in sediments
45	WILLIAM MCNEELY	U. Neuchatel	Evaluating the effect of ectoparasites on host fish metabolism using an individual-level approach
47	ISHA JAMIL	U. Neuchatel	Targeted mycophagous lifestyle of <i>Lysinibacillus sphaericus</i> against the phytopathogenic fungus <i>Rhizoctonia solani</i>
49	LARA VOLERY	U. Fribourg	Which are the worst aliens?
51	CHARLYNE JACCARD	U. Neuchatel	The consequence of plant domestication for resistance against insects: testing the role of the plant-breeding target
53	DIVIJA JATAVALLABHULA	U. Fribourg	Global Assessment of the environmental impact of alien ungulates
55	DARIO SANCHEZ CASTRO	U. Basel	Biotic Factors Constraining Species Distribution
57	AUDREY DUHIN	U. Neuchatel	Primitive plants: Plentiful but neglected resources for herbivores?
59	CLÉMENT ETTER	U. Neuchatel	Biocontrol potential of an encapsulated microbial consortium on the fungal pathogen <i>Rhizoctonia solani</i> in lettuce (<i>Lactuca sativa</i>)
61	MAXIME CAPPONI	U. Neuchatel	Bacterial-fungal interactions and fungal highways : Probing mechanisms at the single cell level using microfluidics
63	MAGDALENA STEINER	U. Fribourg	Microbial diversity and ecosystem functioning and services in vineyards
65	INON SCHARF	U. Tel Aviv	Spatial learning in desert ants and its value under competition conditions
67	JULIE BOSERUP	U. Lausanne	Improving Alpine plant species distribution models with high resolution remote sensed snow cover
69	GINA MOERGELI	U. Zurich	Territorial Behaviors in Meerkats (<i>Suricata suricatta</i>) The Influence of Group Size on Investments
71	OSKAR HAGEN	ETH Zurich	A Holistic Model of Biodiversity: Linking Plate Tectonics, Climate Change and Eco-Evolutionary Processes
73	NATALIA ZAJAC	ETH Zurich / Eawag	Genomics of <i>Microphallus</i> parasite adaptation to its host, <i>Potamopyrgus antipodarum</i>
75	JOBAN CHEBIB	U. Zurich	The nature of modular connections between traits and their underlying genes affects their rate of adaptation
77	JELENA MAUSBACH	ETH Zurich / Eawag	Eco-evolutionary physiology of environmental stress: does corticosterone facilitate adaptive divergence of the moor frog (<i>Rana arvalis</i>) along an acidification gradient?
79	JELENA RAJKOV	U. Basel	The role of differential parasite load and immune system response in adaptive divergence of an East African cichlid fish
81	ANNA F. FELLER	U. Bern, Eawag	Genetic basis of a key speciation trait in cichlids

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85	E. YAGMUR ERTEN	U. Zurich	Cell-level life history trade-offs under cancer risk
87	VERA UVA	U. Lausanne	Molecular phylogenetics of barn owls (Tytonidae) using Hybridization RAD Sequencing
89	MÉDÉRIC MOUTERDE	U. Geneva	Using ADME genes to explore modern human evolution between Africa and Eurasia.
91	DAVID A. MARQUES	U. Bern, Eawag	Repeatability of genomic evolution across multiple adaptive radiations
93	RAMON DALLO	ETH Zürich	Effect of copulation on longevity in the male black scavenger fly <i>Sepsis punctum</i> (Diptera: Sepsidae) across different environments
95	GUILLAUME DUMONT	U. Lausanne	Population genomics of the Barn Owl around the Mediterranean
97	XINJI LI	U. Lausanne	Missing X chromosome leads to a deficiency in male function
99	MARIA LITTO	U. Fribourg	Adaptive response to novel conditions: a potential biocontrol agent as model system
101	LORRAINE DELISLE	U. Neuchatel	On potential causes of inter-individual variation in cooperation by the bluestreak cleaner wrasse, <i>Labroides dimidiatus</i>
103	SABRINA BRIEFER FREYMOND	U. Neuchatel	Reversal learning tasks in crib-biters and non-stereotypic horses
105	IRENE GARCIA RUIZ	U. Bern	Can flexible male courtship displays be maintained through sexual selection?
107	MIRIAM FRUTIGER	U. Bern	How do cribellate orb-weavers avoid adhering to their web? Testing for an anti-adhesive surface coating in <i>Uloborus plumipes</i> (Araneae, Uloboridae)
109	ROMAN ALTHER	Eawag, U. Zurich	Amphipods of Switzerland
111	YI-GANG SONG	U. Fribourg	Phylogenetic reconstruction and species delimitations in relict tree genus <i>Pterocarya</i> (Juglandaceae) based on RAD-seq and morphological data sets
113	KARIN URFER	Natural History Museum of Bern, U. Bern	Barcoding failure in the <i>Pardosa lugubris</i> group: hybrid introgression caused by <i>Wolbachia</i> ?
115	DIOGO ANTUNES	U. Bern	Are early-life effects on social behaviour non-genetically inherited to the next generation?
117	MATTHEW BARBOUR	U. Zurich	Food-web complexity alters the fitness landscape of an insect herbivore
119	ATHIMED EL TAHER	U. Basel	Gene expression evolution in Lake Tanganyika cichlid fishes
121	YAËLLE BOUQUET	U. Neuchatel	Comparing functions of copulation calls in wild olive baboons, <i>Papio anubis</i> , using multi-model inference

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127	MAX SCHMID	U. Zurich	Species' range shifts drive the evolution of spatial difference in phenotypic plasticity and environmental tolerance
129	CLAUDIO QUILODRÁN VENEGAS	U. Oxford	A quantitative framework to explore the dynamic of genomic landscapes in ecology and evolution

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4	NOËLLE KLEIN	U. Bern	Performance of PIT tags used for identification of individuals and quantification of feeding rates in Hoopoes (<i>Upupa epops</i>) in relation to chick age, feeding posture and parent gender
6	JULIA BESIMO	U. Bern	The effects of handling disturbance on feeding and pattern in the European Hoopoe (<i>Upupa epops</i>)
8	ELISABETH KLAUS	U. Bern	Plant reproductive success in highly fragmented Valais vineyard landscapes: a quasi-experimental approach
10	SOPHIE MARTI	U. Bern	Habitat selection of a threatened alpine bird species: building the evidence for conservation management
12	SERGIO VIGNALI	U. Bern	Age and season-related distribution patterns of the bearded vulture
14	LAURENCE FAZAN	U. Fribourg	From flies to goats: on-going investigations of the impact of environmental factors on the relict and endangered tree <i>Zelkova abelicea</i> (Ulmaceae) from Greece
16	ROMAN ROTH	U. Bern	Grassland seed bank abundance and diversity under delayed and refuge mowing regime
18	ERICA HONECK	U. Geneva	Identification and assessment of national green infrastructures in Switzerland
20	ARTHUR SANGUET	U. Geneva	Identification and assessment of green infrastructures in Switzerland
22	MATHIEU ROBIN	U. Zurich	Reconstruction of genetic diversity from ancient DNA prior to recolonization of nearly extinct Alpine ibex (<i>Capra ibex</i>)
24	EMILY O. HAGEN	Agroscope	Plant-microbial interactions in organic and conventional farming systems: changes in responses to drought.
26	NATALIA GOURGOULIANNI	U. Zurich	HEALTHIER OR BIGGER? Temperature-dependent melanism and phenoloxidase activity in the dimorphic fly <i>Sepsis thoracica</i>
28	PATRICE DESCOMBES	WSL	Influence of insect herbivores on alpine plant communities under climate change
30	KATHRIN HOLENSTEIN	U. Zurich / Eawag	Do patch size distribution and patch connectivity in dendritic networks affect invasion success of species?
32	OMAR LENZI	U. Zurich	Demographic Buffering and Demographic Lability in Animal Populations
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36	FEDERICA R. SCHANZ	U. Zurich	Demographic responses of resurrected rotifers to changing environmental conditions
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46	CARLA ARCE	U. Neuchatel	How do female <i>Diabrotica</i> beetles defend their eggs?
48	JOAN CASANELLES ABELLA	WSL	Response of biodiversity to urbanization and urban green infrastructure across Europe. Design and hypotheses
50	CLEMENS KLEINSPEHN	U. Bern	Rapid Adaption in Experimental Grasslands
52	QUENTIN BLANDENIER	U. Neuchatel	Exploring the phylogeography of hyalospheniid testate amoebae (Amoebozoa) from regional to sub-continental scales.
54	ABIEL RINDISBACHER	U. Bern	How do land-use intensification and biodiversity loss affect ecosystem resilience? A meta-analysis of manipulative experiments
56	FABIO PALMIERI	U. Neuchatel	Emergent spatial patterns and biodiversity maintenance
58	NASIM AMIRESMAEILI	Agroscope	Cold hardiness of <i>Trichopria drosophilae</i> , a parasitoid of <i>Drosophila suzukii</i>
60	AISLINN ESTOPPEY	U. Neuchatel	Oxalotrophy as a biocontrol strategy against phytopathogenic fungi
62	ANDREA LOHBERGER	U. Neuchatel	Endofungal bacteria, New insights into bacterial-fungal coexistence
64	JENNIFER GIER	U. Neuchatel	Vocal communication involved in Nesting Behaviour of Wild Chimpanzees
66	VIKRAM SINGH	Volcani Center, Israel	Ripening physiology of ANNA is modified by preclimacteric events
68	NIKLAS INGVAR PAULSSON	U. Bern	Shape and dynamical consequences of the functional response of <i>Daphnia magna</i>
70	NIKHIL KUMAR SINGH	U. Neuchatel	The genetic basis of pathogenicity evolution in <i>Z. tritici</i>
72	PATRICK T. ROHNER	U. Zurich	The role of sex-specific condition dependence in the evolution of sexually dimorphic traits
74	GIACOMO ALCIATORE	U. Lausanne	Disease susceptibility of ant social networks
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78	VANESSA WEBER DE MELO	U. Zurich	Transcriptome and chromatin dynamics during a population growth of <i>Tetrahymena thermophila</i>
80	ANNA MARCIONETTI	U. Lausanne	Genetic basis of clownfish adaptive radiation

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86	MATTHEW JOSEPHSON	U. Bern	CRISPR-Cas9 induced mutagenesis in threespine stickleback (<i>Gasterosteus aculeatus</i>)
88	CHRISTOPH STRITT	U. Zurich	Well-behaved transposable elements despite drastic demographic changes in the Mediterranean grass <i>Brachypodium distachyon</i>
90	TIZIANA P GOBBIN	U. Bern	<i>Cichlidogyrus</i> parasitic infection and its potential role in the diversification of its cichlid fish host
92	DANIEL WECHSLER	U. Zurich	Modularity Buffers the Spreading of Cheaters in Social Networks
94	ANA PAULA MACHADO	U. Lausanne	Population genomics of island barn owls (<i>Tyto alba</i>)
96	LEEN NANCHIRA ABRAHAM	U. Neuchatel	Genome-wide expression analysis to dissect the genetic basis of gene regulation in a fungal pathogen of wheat
98	NICOLAS FASEL	Leibniz Institute for Zoo and Wildlife, Berlin	Revelations about the mysterious intimacy of bats
100	ANN-CHRISTIN HONNEN	Swiss TPH	Towards a global phylogeography of the Asian tiger mosquito
102	MARIDEL FREDERICKSEN	U. Basel	QTL analysis of parasite resistance in <i>Daphnia magna</i>
104	LOSDAT SYLVAIN	U. Neuchatel	Experimental effect of a coccidian infection on the soma versus germline oxidative balance and on sperm performance
106	SUSANA FREITAS	U. Lausanne	Sex and parasites: how host-parasite dynamics can influence the maintenance of sex
108	BARRET C. PHILLIPS	U. Lausanne	X-Y differentiation is lineage-specific in Swiss populations of <i>Rana temporaria</i>
110	BEAT PFARRER	U. Bern	Pioneers from the continents - molecular phylogeny of the Vitrinidae of the Macaronesian Islands
112	SYLVAIN URSENBACHER	U. Neuchatel	Different species or not different species? - study of the contact zone between mitochondrial lineages in the Grass snake <i>Natrix natrix</i> .
114	YASEMIN KURTOGULLARI	U. Bern	Conservation and restoration of Nardion grasslands in the Swiss northern Prealps
116	MARCO MORETTI	WSL	Handbook of protocols for standardized measurement of terrestrial invertebrate functional traits
118	RAPHAELA HEESSEN	U. Neuchatel	Joint actions in humans and non-humans: A comparative framework to study shared intentionality
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128	PAMELA BRUNO	U. Neuchatel	Surveying Mexican fields for biological control agents of the Western Corn Rootworm