

biology09

12-13th February 2009

zoology

University of Bern and Natural History Museum Bern
Charles Darwin's 200th Birthday
150 years „Origin of species“

botany

Program

Uni S - room A003

mycology

Invited speakers...

Clive Brasier

Fredrik Ronquist

Nina Wedell

James Bullock

John Pannell

systematics



Institute of Ecology
and Evolution -
University of Bern



Natural History
Museum Bern

Thursday 12 February 2009

8:30 Registration

9:20 **Welcome address biology09**

9:30	Invited speaker James Bullock	NERC, UK	Walking with plants: the ecology of seed dispersal
10:15	Barbara Tschirren	U Lund (S)	Female Zebra finches increase their sons' attractiveness through extra-pair copulations: a cautionary tale
10:30	Coffee - Poster session		
11:00	Bettina E. Schirrmeyer	U Zurich	Origin of Cyanobacteria: Was the most common ancestor multicellular?
11:15	J.F. Scheepens E. Frei, J. Stöcklin	U Basel	Separating genotypic and environmental variation in specific leaf area in a widespread Alpine plant
11:30	João F. M. Rodrigues Andreas Wagner	U Zurich	Evolution of metabolic networks: Robustness and Innovation
11:45	Anabelle Reber Michel Chapuisat	U Lausanne	Social transfer of fungal resistance in ants
12:00	Daniel Rankin Eggimann, F.	U Zurich	The evolution of judgement bias in indirect reciprocity
12:15	Erik Postma, Luigi Martini, Pietro Martini	U Zurich	Inbreeding depression in female reproductive success in a small and isolated Swiss village
12:30	Lunch		
14:00	Invited speaker Fredrik Ronquist	Stockholm Sweden	Bayesian phylogenetics and the stochastic modelling of evolution
14:45	Ana Pinto Ralph Bergmüller, Redouan Bshary	U Neuchâtel	Look who's watching: cleaner fish <i>Labroides dimidiatus</i> adjust audience effects to the quality of bystanders
15:00	Mingkwan Nipitwattanaphon, John Wang, Laurent Keller	U Lausanne	Transcriptional basis associated with queen acceptance and execution in <i>Solenopsis invicta</i>
15:15	Samuel Neuenschwander, Frédéric Hospital, Jérôme Goudet	U Lausanne	Reliability of the detection of loci under selection using genome scans
15:30	Coffee - Poster session		
16:00	Russell E. Naisbit Patrik Kehrli, Louis-Félix Bersier	U Fribourg	Body size vs. phylogeny as determinants of food-web structure
16:15	Suter S. M., Keiser M. Meyer D.R.	U Fribourg	Two to Tango, Three to Rock
16:30	Joël Meunier, Luma Delaplace, Michel Chapuisat	U Lausanne	Egg discrimination by workers in the ant <i>Formica selysi</i>
16:45	Danielle Mersch, Alessandro Crespi, Laurent Keller	U Lausanne	Temporal organisation in an ant colony
18:00	Darwin party with Apéro, Dinner Darwin talk by John Pannell Dancing	Natural History Museum Bernastrasse 15 Bern see map	

Friday 13 February 2009

9:30	Invited speaker Clive Brasier	FRA, UK	Globally invading plant pathogens: Rapid evolution via episodic selection and interspecific gene transfer
10:15	Anna Lindholm Barbara Koenig	U Zurich	Differential male mating success according to genetic compatibility
10:30	Coffee - Poster session		
11:00	Anne-Marie Labouche Giorgina Bernasconi	U Lausanne	Sex-specific benefits in the <i>Silene latifolia</i> – <i>Hadena bicruris</i> nursery pollination system: male moths as mutualism rescuers
11:15	Alexander Kotschal Barbara Taborsky	U Bern	Fast early growth impairs later cognitive performance in a cichlid fish
11:30	Adrian Indermaur Walter Salzburger	U Basel	The genetic and eco-morphological diversity underlying parallel evolution in the Tropheini, a group of cichlid fishes from Lake Tanganyika, East Africa
11:45	Alan G. Hudson P. Vonlanthen, O. Seehausen	U Bern & EAWAG	Phylogenetic History and Population Structure of a large Postglacial adaptive radiation: the Alpine Lake Whitefish
12:00	Sandra Hangartner Anssi Laurila , Katja Räsänen	ETHZ & EAWAG	Geographic variation in life-history traits of the moor frog (<i>Rana arvalis</i>): environmental acidity drives adaptive divergence in metamorphic size and age
12:15	Pierre Fontanillas Bernardo Lemos, Luciana O. Araripe and Daniel L. Hartl	U Lausanne	Dominance and cis-regulatory gene expression.
12:30	Lunch	Annual meetings of the Societies	
14:00	Invited speaker Nina Weddell	Exeter, UK	Selfish genetic elements and sexual selection
14:45	Robin Engler Christophe Randin, Pascal Vitttoz and Antoine Guisan	U Lausanne	Future distributions of mountain plants under climate change: does dispersal capacity matter ?
15:00	Colard Alexandre Sanders Ian	U Lausanne	Effect of genetic exchange on plant gene expression
15:15	Reto Burri	U Lausanne	Birth and death in the avian MHC
15:30	Coffee - Poster session		
16:00	Andrea Bshary	U Neuchâtel	public good in fishes
16:15	Nayuta Brand Michel Chapuisat	U Lausanne	Genetic analysis of reproductive strategies in the primitively eusocial halictid bee <i>Halictus scabiosae</i>
16:30	Daniel Berner Andrew P. Hendry	U Basel	Variable progress toward ecological speciation in parapatry: stickleback across eight lake-stream transitions
16:45	C. Berenos Wegner KM, Schmid-Hempel P	ETHZ	Maintenance of genetic polymorphism in a host-parasite system: an experimental evolution approach
17:00	Prize ceremony and farewell		
17:15	End of biology09 meeting		