Symposium of Ecology and Evolution Doctoral Students

Kuppelraum (5th floor)
Hochschulstrasse 4

2012

University of Bern
December 17th

Program

8.30	**Registration**
9.00	**Welcome**
9.15	**Chris Jiggins (University of Cambridge)** **Genomic insights into speciation in *Heliconius* butterflies**
10.15	**Natacha Senerchia** (University of Neuchâtel): Evolutionary dynamics of LTR retrotransposons in response to polyploidy
10.35	**Lucas Villard** (University of Lausanne): Large spatial-scale metagenomic analysis of arbuscular mycorrhizal fungi communities in western Switzerland
10.55	**Coffee break and posters session**
11.20	**Koen Verhoeven (Wageningen University)** **Ecological epigenetics: exploring new directions at the interface of ecology, genetics and evolution**
12.20	**Pierrick Burri** (University of Bern): Temporal changes in mowing regimes of extensively managed meadows boost the abundance of wild bees (Hymenoptera: Apoidea)
12.40	**Markus Möst** (Eawag/ETHZ): Assessing the human impact on the evolutionary history of a lentic keystone species
13.15	**Lunch (Uni Tobler)**
14.30	**Paula Stockley (University of Liverpool)** **Polyandry and postcopulatory sexual selection in mammals**
15.30	**Fabrice Lalubin** (University of Lausanne): Environment-dependent resistance of wild naturally infected *Culex pipiens* mosquitoes to avian malaria parasites
15.50	**Fardo Witsenburg** (University of Lausanne): Vector prevalence does not reflect vector preference
16.10	**Coffee break and posters session**
16.30	**Ricardo Kanitz** (University of Lausanne): Simple isolation-by-distance simulations replicate the general patterns of neutral genetic diversity observed in humans worldwide
16.50	**Caroline Betto-Colliard** (University of Lausanne): Synteny of linkage groups constitution across five green toad species of different ploidy level (2n, 3n, 4n)
17.10	**Christophe Dufresnes** (University of Lausanne): Evolution of homomorphic sex-chromosomes: insights from the phylogeography of European tree frogs
17.30	**Awards and closing remarks**
17.35	**Apéro**
19.00	**Dinner (Botanical Garden)**