

Wednesday August 26 **Symposium 11**

Location: Room 5

The phenotype-fitness map re-visited: agents of selection and the importance of ecology in evolutionary studies

Organizers: *Alexis Chaine, CNRS, Moulis, France*
Erik Svensson, Lund University, Sweden

- 09.45 - 10.15 CRAIG W. BENKMAN (invited)
The ecology of selection
- 10.15 - 10.35 ANDRES LOPEZ-SEPULCRE
Experimental decoupling of direct and indirect effects of predation on the rapid evolution of guppy life-histories
- 10.35 - 11.15 *Coffee break*
- 11.15 - 11.35 ROMAIN ROUCHET
Plant – herbivore insect interactions: Reproductive succes of the weevil
Exapion ulicis in relation to the phenology of its host plant, *Ulex europaeus*
- 11.35 - 11.55 LOESKE E.B. KRUIK
Changes in the genotype-fitness map across environments and age
- 11.55 - 12.15 ANNE ATLAN
Temporal fluctuations and the maintenance of genetic diversity: the case of flowering phenology in *Ulex europaeus L.* (Fabaceae)
- 12.15 - 12.35 MARTINE E. MAAN
Poison or passion: warning and attraction in a polymorphic poison frog
- 12.35 - 12.55 TOM TREGENZA
Natural and sexual selection in a wild insect population
- 12.55 - 13.55 *Lunch*
- 13.55 - 14.25 STEVAN J. ARNOLD (invited)
Evolution along selective lines of least resistance
- 14.25 - 14.45 W. SCOTT ARMBRUSTER
Do Floral Integration and Conflicting Selection Influence the Macroevolution of Adaptive Accuracy in Flowering Plants ?
- 14.45 - 15.05 SHAWN KUCHTA
Predator-mediated selection in a natural population of the damselfly *C. splendens*
- 15.05 - 15.35 *Coffee break*
- 15.35 - 15.55 MATTHEW R. WALSH
Experimentally induced life history evolution in natural fish populations in response to the introduction of guppies
- 15.55 - 16.15 JULIO M. ALCANTARA
Divergent selection between environments promotes phenotypic differentiation of vegetative traits in Iberian Columbines (*Gen. Aquilegia*)
- 16.15 - 16.35 MACHTELD VERZIJDEN
Changing landscapes: the effect of hybridization on female preferences and male fitness landscapes
- 16.35 - 16.55 BEN SHELDON
Spatial scaling of temporal synchrony: natural selection on reproductive timing over five decades in a wild bird population

