

ETH Zürich, Rämistrasse 101, Auditorium Maximum (HG F 30)

Organizer: Swiss Federal Research Institute WSL, Birmensdorf

Thursday 15 February 2007

08:15 **Registration open**

08:30 **Coffee available**

09:30 **Introduction**

Session 1.1 (chair: Felix Gugerli)

09:45 **Keynote 1 - Templeton, Alan R** (Washington U St. Louis USA): *Landscape genetics on different scales of space and time*

10:30 **Burri, Reto**, Niculita H, Roulin A & Fumagalli L (Lausanne U): *The slow and the furious – MHC class II b exons 2 and 3 tell different stories in owls*

10:45 **Aebi, Alexandre**, Schönrogge K, Hayward A & Stone GN (Edinburgh U UK): *Phylogeography of oak gallwasp parasitoids*

11:00 Fink S, Excoffier L & **Heckel, Gerald** (Bern U): *Mammalian monogamy is not controlled by a single gene*

11:15 **Break**

Session 1.2 (chair: Beat Wermelinger)

11:30 **Braaker, Sonja**, Excoffier L & Heckel G (Bern U): *Complex postglacial recolonization of the Alps by the common vole (Microtus arvalis)*

11:45 **Dépraz, Aline**, Pfenninger M & Hausser J (Lausanne U): *Postglacial history of Trochulus villosus (Hygromiidae Gastropoda): the Alps at a snail's pace*

12:00 **Gehrke, Berit** & Linder P (Zürich U): *Temperate plant elements in Africa – a case study of Carex (Cyperaceae)*

12:15 **Machado, Marlon C**, Eggli U & Nyffeler R (Zürich U): *Phylogenetic relationships in the genus Parodia Spengazzini (Cactaceae-Notocactaeae)*

12:30 **Thiel-Egenter, Conny**, Holderegger R, Englisch T, Wohlgemuth T, Linder P, Gugerli F & IntraBioDiv-Consortium (WSL): *Congruence of phylogeographic and biogeographic breaks in the European Alps*

12:45 **Lunch break**

13:30 **Poster session 1** (authors of even-numbered posters attending)

Session 2.1 (chair: Christoph Scheidegger)

14:00 **Keynote 2 - Snäll, Tord** (Swedish U Agric Sci Sweden): *Epiphyte metapopulation dynamics in a dynamic forest landscape*

14:45 **Biebach, Iris** & Keller L (Zürich U): *Genetics reflects reintroduction in alpine ibex*

15:00 **Signorell, Natalina**, Patthey P, Rotelli L & Arlettaz R (Bern U): *Microhabitat selection in the alpine black grouse (Tetrao tetrix) during the breeding period: implications for species' preservation via habitat management – first results*

15:15 **Meunier, Joël** & Chapuisat M (Lausanne U): *The inheritance of queen size and queen number in ants*

15:30 **Reber, Anabelle**, Castella G, Christe P & Chapuisat M (Lausanne U): *Genetic diversity for disease resistance: an experimental test in an ant with variable queen number*

15:45 **Break**

16:00 **Poster session 2** (authors of uneven-numbered posters attending)

Session 2.2 (chair: Béatrice Senn-Irlet)

16:30 **Hangartner, Sandra B** & Garner TWJ (Zürich U): *The influence of population isolation on reproductive success and sexual selection in the alpine newt (Triturus alpestris)*

16:45 **Turnbull, Lindsay A.**, Paul-Victor C, Schmid B & Purves D W (Zürich U): *Seed size and relative growth rate: do small-seeded species really grow faster?*

17:00 **Galley, Chloé**, Zimmermann N. & Linder HP (Zürich U): *How do so many Pentaschistis species fit into the Cape Region, South Africa?*

17:15 **Nusbaumer, Louis**, Ranirison P, Gautier L & Spichiger R (Cons & Bot Garden Geneva): *The Daraina region: a key for understanding the phytogeography of North Madagascar*

17:30 **Guggisberg, Alessia**, Mansion G & Conti E (Zürich U): *Disentangling reticulation patterns: an example from the Aleuritia-polyploid complex (Primula L.)*

17:45 **Colard, Alexandre**, Corradi N & Sanders IR (Lausanne U): *Do AMF harbour meiosis-specific genes in their genome?*

18:45 **Bus leaves for WSL** (underbridge at west end of ETHZ main building)

19:30 **Darwin's Birthday Party** at WSL Birmensdorf

Evening keynote - Tack, Jurgen (Inst Nature Cons Belgium): *Having dinner with Darwin: Biodiversity on the menu*



Friday 16 February 2007

08:50 **Introduction**

Session 3.1 (chair: Tom Wohlgemuth)

09:00 **Keynote 3 – Ghazoul, Jaboury** (ETH Zürich): *The paradox of ecosystem services: Ecology, economics, and the pollination crisis*

09:45 **Oehl, Fritz**, Sieverding E, Bogenrieder A, Stahr K, Laczko E, Mäder P, Kuss P, Ineichen K & Wiemken A (Basel U): *Occurrence of AM fungi in agricultural habitats and landscapes of Central Europe*

10:00 **Kaiser, Christopher** & Müller CB (Zürich U): *Island invaders: the role of introduced mutualists in pollination in Mauritius*

10:15 **Steinebrunner, Fabrizio**, Schiestl F, Twel R, Francke W & Leuchtman A (ETH Zürich): *Epichloë fungi and Botanophila "pollinating" flies: unspecific attraction through fungitoxic volatile*

10:30 **Coffee break**

Session 3.2 (chair: Rolf Holderegger)

- 11:00 **Vojtech, Eva**, Turnbull LA & Hector A (Zürich U): *Differences in light interception in productive grass monocultures predict short-term competitive outcomes in pairwise mixtures*
- 11:15 **Jourdie, Violaine**, Alvarez N & Turlings TCJ (Neuchâtel U): *Identification of parasitoid species using PCR amplification and restriction enzyme digestion*
- 11:30 **Bergmüller, Ralph**, Pinto A & Bshary R (Neuchâtel U): *Are shy individuals more cooperative? Using the animal personality approach to study cooperation in a cleaning mutualism*
- 11:45 **Tanner, Marion**, Kölliker M & Richner H (Bern U): *Differential food allocation of male and female parents in the great tit (Parus major): is it under parent or offspring control?*
- 12:00 **Thüler, Karin** & Ward P (Zürich U): *Genetic variances and co-variances of sperm and female tract characters*
- 12:15 **Piault, Romain**, Gasparini J, Paulet M, Bize P, McGraw K & Roulin A (Lausanne U): *Preen wax deposition mediates the immuno-dependent rapid change in bill coloration*
- 12:30 **Lunch break**
- 13:00 **Annual General Meeting of the Swiss Zoological Society**
- 13:30 **Poster session 3** (authors of uneven-numbered posters attending)

Session 4.1 (chair: Werner Suter)

- 14:00 **Keynote 4 – Olf, Han** (Groningen U, The Netherlands): *Plant-herbivore interactions and biodiversity*
- 14.45 **Moretti, Marco & Legg, C** (WSL): *Combining plant and animal traits to assess functional responses to disturbance*
- 15:00 **Elzinga Jelmer, Anne** & Bernasconi G (Lausanne U): *Synchronous flowering increases seed predation in small *Silene latifolia* patches: a field experiment*
- 15:15 **Bagchi, Robert**, Philipson CP, Slade E, Phillips S, Villeneuve J, Hector A, Lewis OT, Scholes JD & Press MC (Sheffield U, UK): *The impact of logging on distance- and density-dependent seed predation in a Southeast Asian rain forest*
- 15:30 **Naisbit, Russell E**, Aerni G, Margraf N & Rahier M (Neuchâtel Uni): *A field test of chemical defense in an alpine leaf beetle*
- 15:45 **Break**
- 16:00 **Poster session 4** (authors of even-numbered posters attending)

Session 4.2 (chair: Josef Senn)

- 16:30 **Thiel, Dominik**, Jenni-Eiermann S & Jenni L (Swiss Ornith Inst): *Winter tourism evokes behavioural and physiological stress in the endangered capercaillie *Tetrao urogallus**
- 16:45 **Müller, Claudia**, Jenni-Eiermann S & Jenni L (Swiss Ornith Inst): *Coping with stress as an altricial nestling: short- and long-term effects of moderately elevated corticosterone on development immunocompetence and survival*
- 17:00 **Haemmerli, Marc** (Neuchâtel U): *New insights into *Gentiana Sect. Calatianae* Froehl. (*Gentianaceae*) based on chloroplast PCR-RFLP in combination with chloroplast *matK* and nuclear *ncpGS*-sequences*
- 17:15 **Prize presentations**
- 17:30 **End of biology07**