

## ASAB Easter 2004: Provisional programme

### Wednesday March 31: Workshop

#### All sessions will be held in the Medical School

#### **08.00-08.30 Breakfast (Laines Restaurant, Bramber House)**

Chair: Tim Roper (Sussex)

09.20 Welcome to the workshop

09.30-10.10 Terry Burke (Sheffield): What DNA profiling can and can't do

10.10-10.50 Alain Frantz (Sussex): Remotely collected DNA: potential and problems

#### **10.50-11.20 Coffee and Posters (Medical School foyer)**

11.20-12.00 Tamsin Burland (Queen Mary, London): Genetics as a tool for studying behavioural ecology of bats

12.00-12.40 Peter Clifton (Sussex): Comparative genomics and behaviour

12.40-1.00 Terry Burke (Sheffield): The Sussex Molecular Genetics Facility

#### **1.00-2.15 Lunch/Late registration (Medical School Foyer)**

Chair: David Hill (Sussex)

2.15-2.45 Barbara Webb (Edinburgh): Robotics and animal behaviour -- introduction

2.45-3.15 Julien Vincent (Edinburgh): Robotics presentation

3.15-3.45 Discussion

#### **3.45-4.20 Tea and Posters (Medical School Foyer)**

4.20-4.40 John Skelhorn (Newcastle): Receiver psychology and the evolution of Mullerian mimicry: How do chicks learn to avoid bad taste?

4.40-5.00 Martin Stevens (Bristol): Disruptive coloration and background pattern matching in insect cryptis.

5.00-5.20 Jennefer Boyle & Matthew Cobb (Manchester): Using olfactory adaptation to investigate olfactory processing.

#### **6.00-6.30 Dinner (Laines Restaurant, Bramber House)**

7.30-9.00 Larissa Conradt (Sussex): Men, women, children and science: Combining a science career with family responsibilities (Discussion: Laines Restaurant, Bramber House)

7.00-10.30 ASAB Council Meeting (SCR, Bramber House)

#### **7.00-11.00 Grapevine Bar, Bramber House**

## Thursday April 1

### **08.00-08.30 Breakfast (Laines Restaurant, Bramber House)**

Chair: Marc Naguib (Bielefeld)

09.20 Welcome to the meeting

09.30-10.30 **Plenary lecture 1: Francis Ratnieks (Sheffield): Conflict resolution via worker policing in insect societies**

10.30-10.50 Anja Widdig (Berlin): Paternal kinship among adult female rhesus macaques

10.50-11.10 Judith Lock et al. (Manchester): Adaptive maternal effects in ageing mothers

### **11.10-11.40 Coffee/Posters (Medical School Foyer)**

11.40-12.00 Chris Fraser (Glasgow): Public information and patch estimation for group foragers: A re-evaluation of patch-quitting strategies in a patchy environment

12.00-12.20 Sarah Carless et al. (Plymouth): Effect of human disturbance on the foraging behaviour of Oystercatchers on a rocky shore

12.20-12.40 Baptiste Leroy et al. (Mons-Hainaut): A new role for  $\alpha$ -parvalbumins: Induction of predatory behaviour of checkered garter snakes

12.40-1.00 David Pinaud & Henri Weimerskirch (CNRS Chizé): Effect of environmental variability on provisioning behaviour of yellow-nosed albatross and consequences for chick growth

### **1.00-2.00 Lunch/Posters/Late registration (Medical School Foyer)**

Chair: Sue Healy (Edinburgh)

2.00-3.00 **Plenary lecture 2: Francisco Pulido (Max Planck, Radolfzell): Adaptability and evolution of avian migratory behaviour**

3.00-3.20 Nicolas Kaldonski & Loïc Bollache (Bourgogne): Fish predator in a thorny problem: Apparent competition meets biological invasion

3.20-3.40 Erna Suutari et al. (Jyväskylä): Intraguild predation and interference competition on an endangered dragonfly

### **3.40-4.10 Tea/Posters (Medical School Foyer)**

4.10-4.30 Sharmin Musa (Manchester): Effects of parental experience, diet and social contact on resource holding potential of male burying beetles

4.30-4.50 Rebecca Coe (Edinburgh): How do spotted bowerbird vocalisations change in response to threats?

4.50-5.10 Loïc Hardouin (CNRS, Chizé): The dusk chorus in a nocturnal raptor: Effect of low temperature on territorial defence

5.10-5.30 Angelika Poesel et al. (Copenhagen): Dawn song of male blue tits as a predictor of competitiveness in mid-morning singing interactions

**6.15-6.45 Dinner (Downs Restaurant, Bramber House)**

**6.15-8.30 Downs Restaurant Bar, Bramber House**

**Evening Exploring Brighton**

## Friday April 2

### **08.00-08.30 Breakfast (Laines Restaurant, Bramber House)**

Chair: Mike Ritchie (St Andrews)

### **09.30-10.30 Plenary lecture 3: Tom Collett (Sussex): How ants learn visually guided routes.**

10.30-10.50 Thomas Pike & Marion Petrie (Newcastle): Hormones and sex ratio manipulation in birds

10.50-11.10 Jennifer Blyth (Leicester): Extreme promiscuity in a mating system dominated by sexual conflict

### **11.10-11.40 Coffee/Posters (Medical School Foyer)**

11.40-12.00 Lesley Morrell (Glasgow): How female behaviour affects male decisions

12.00-12.20 Céline Mondet et al. (Bourgogne); Tergal secretions and sexual selection in the cockroach

12.20-12.40 Victoria Cooper et al. (Bolton): Female preference for brightly coloured males in brown lemur subspecies

12.40-1.00 Adeline Loyau et al (Paris): Multiple sexual advertisements honestly reflect health status in peacocks

### **1.00-2.00 Lunch/Posters (Medical School Foyer)**

Chair: Dan Osorio (Sussex)

2.00-2.20 Satu Paukku & Janne Kotiaho (Jyväskylä): Cost of reproduction in seed beetles: A quantitative genetic perspective

2.20-2.40 Alexandre Millon (CNRS Chizé): Consequences of experimental food supplementation in a predator experiencing variable food supply

2.40-3.00 Claire Inness (Glasgow): Catch-up growth in three-spined sticklebacks

3.00-3.20 Marjo Pihlaja et al. (Jyväskylä): Behavioural and physiological mechanisms affecting egg quality and offspring performance in the magpie

3.20-3.30 Presentation of prizes/Close of meeting

### **3.30-4.00 Tea (Medical School Foyer)**

Panel for judging spoken papers: Chris Barnard, Frank Cezilly, Tim Roper

Panel for judging posters: Rauno Alatalo, Nicola Marples, Angela Turner