

ASSOCIATION FOR THE STUDY OF ANIMAL BEHAVIOUR
Winter Meeting, Monday 2nd and Tuesday 3rd December, 2002
Meeting Rooms, Zoological Society of London.

INFORMATION GATHERING

Organised by Melissa Bateson (University of Newcastle) &
Bob Elwood (Queen's University of Belfast).

Monday 2nd December

9.30 –10.30 **Registration and coffee**

Chair: Melissa Bateson

10.30-11.20 **David Stephens** (Minnesota)

Statistical decision theory and the behavioural ecology of information gathering.

11.20-11.50 **Anna Dornhaus & Lars Chittka** (Würzburg)

Information gathering at home: how bumble bees prepare for foraging.

11.50-12.20 **Brian H. Smith** (Ohio State)

Genetic differences among workers in a social insect: are they related to colony-level information gathering?

12.20-14.00 Lunch

Chair: Bob Elwood

14.00-14.50 **Karen McComb** (Sussex)

Gathering social information in African elephants.

14.50-15.20 **Redouan Bshary** (Cambridge)

Eavesdropping in communication networks predicts indirect reciprocity, tactical deception and spiteful behaviour.

15.20-15.50 **Tom M. Peake & P.K. McGregor** (Copenhagen)

Eavesdropping: information gathering in communication networks.

15.50-16.20 Tea

Chair: Luc-Alain Giraldeau

16.20-16.50 **Larissa Conradt & T. J. Roper** (Sussex)

Dispersal: systematic search or leap in the dark?

16.50-17.20 **Victoria Braithwaite & L. Odling-Smee** (Edinburgh)

Variation in the types of spatial information used by different populations of three-spined stickleback.

17.20-17.50 **Paul Graham, Virginie Durier, Karine Fauria & Thomas Collett** (Sussex)

Visual guidance of routes in the british wood ant

17.50- Wine reception sponsored by Wisepress

Tuesday 3rd December

Chair: David Stephens

- 9.30-10.20 **Luc-Alain Giraldeau** (Québec)
Information problems for social foragers.
- 10.20-10.50 **Heikki Hirvonen, S. Vilhunen, C. Brown & V. Lintunen** (Helsinki)
Social learning in improving anti-predator responses of hatchery-reared salmonids.
- 10.50-11.20 Coffee
- 11.20-11.50 **Gerald Kerth** (Zürich)
Information transfer in female Bechstein's bats.
- 11.50-12.20 **Jon Wright** (Bangor) & **S. R. X. Dall** (Cambridge)
Information sharing at communal roosts: cooperative strategies of recruitment and defence of food bonanzas.
- 12.20-14.00 Lunch

Chair: Felicity Huntingford

- 14.00-15.00 **The Niko Tinbergen Lecture: Marian Dawkins** (Oxford)
Behaviour as the expression of the emotions: can Darwin and Tinbergen both be right?
- 15.00-15.20 Tea

Chair: Peter McGregor

- 15.20-15.50 **Peter D. Sozou** (LSE, London) & **R. M. Seymour** (University College, London)
Costly but worthless courtship gifts: an evolutionary model.
- 15.50-16.20 **Denise S. Pope & P. K. McGregor** (Copenhagen)
Fiddler crab males use information in signals directed at females.
- 16.20-16.50 **Robert W. Elwood & M. Briffa** (Belfast)
Probing motivational states in fighting animals.
- 16.50-17.20 **Bruce A. Young** (Lafayette)
Information acquisition through vibration detection in snakes.