

scientific meetings

AT THE ZOOLOGICAL SOCIETY OF LONDON



9 October 2007 at 6.00pm

| www.zsl.org/science/scientific-meetings/

| Admission free

FROM DESPOTISM TO DEMOCRACY: LEADERSHIP AND COORDINATION IN ANIMAL GROUPS

Take any human society, past or present, and you'll find some form of leadership or authority structure, located on a spectrum stretching from despotism to democracy. Such leadership is a means by which groups can gain from cooperation and achieve a common goal. But we still know surprisingly little about how groups of animals make decisions as a group.

How does a swarm of bees choose a new nest site? A flock of birds decide when to leave a foraging patch? Or a group of primates decide on their direction of travel?

In each of these examples, unless group members decide on the same action, the group will split up and individuals will forfeit many of the advantages gained from being in that group.

Scientists working on the evolution and behaviour of decision-making in animal groups on a range of species, and at different scales, will talk on this topical subject. Implications for our understanding of how large-scale biological patterns result from the actions and interactions of the individual components of a system will then be discussed.

Organised by Andrew J. King and Dr Guy Cowlshaw, Institute of Zoology, ZSL

Speakers:

Larissa Conradt, University Research Fellow of the Royal Society of London, Department of Biology & Environmental Sciences, University of Sussex, Brighton

Sean A. Rands, School of Clinical Veterinary Science, University of Bristol, Bristol

Andrew J. King, PhD Student, University College London & Institute of Zoology, ZSL, London

Guest Chair:

Professor Jens Krause, Faculty of Biological Sciences, University of Leeds



LIVING CONSERVATION

**FROM DESPOTISM TO DEMOCRACY: LEADERSHIP AND COORDINATION
IN ANIMAL GROUPS**

9 October 2007 at 6.00pm in the Meeting Rooms, Zoological Society of London,
Regent's Park (Outer Circle), London NW1 4RY. For more information, please
contact Joy Hayward: **Tel:** 020 7449 6227 **Email** joy.hayward@zsl.org

3-COURSE DINNER WITH THE SPEAKERS

A dinner will follow this Scientific Meeting and everyone is welcome. Tickets
cost £34 per person including two glasses of wine and need to be booked in
advance. To reserve a place please complete and return the booking form by
5pm on Wednesday 3 October.



ZSL 3-Course Dinner with the Speakers

If you would like to attend the 3-course meal please complete and post this
slip, together with your cheque payable to the **Zoological Society of London**
for the cost of the supper – £34 per person – to reach this office by 5pm
Wednesday 3 October at the latest. We regret that bookings can only be taken
after this if there has been a cancellation from a guest.

Please print clearly the names of those attending the 9 October dinner:

Please indicate if you have special dietary requirements, including vegetarian.

Contact telephone or email: _____

I enclose a cheque payable to the **Zoological Society of London** for £ _____

Please post to: Joy Hayward, Scientific Meetings Coordinator,
Zoological Society of London, Regent's Park, London NW1 4RY.

Food is ordered in advance for exact numbers;
last-minute cancellations cannot be refunded

