Meeting report
577 Is the lack of facilitation ready for bottle? A symposium on the connectivity and future directions of positive plant interactions
586 Can vegetation on nature: how to implement an ecosystem approach
A. J. Rus and C. Hallam

Animal behaviour
584 Western scrub-jays conceal auditory information when competitors can hear but cannot see
G. T. Speke, N. J. Emery, S. Verhulst & N. S. Clayton
586 Maternal yodandregnals stimulate territorial behaviour in black-headed gull chicks
W. Miller, C. Dijkstra & G. C. Grootenhuis
589 Female mice respond to male ultrasonic 'songs' with approach behaviour
M. E. C. Peacock, M. Radyushkin, H. Oomen & L. Tsuchiya
593 Why do doves mimic? Communication or simple echo-based orientation
B. M. Sensen, G. Schuermans, H. Turri & S. Van de Moortel
597 Vocal discrimination of potential mates by female giant panda (Ailuropoda melanoleuca)
B. D. Charlton, T. Young & R. R. Swain

Risk-sensitive mating decisions in a visually compromised environment
B. M. Wray, M. Jarvopil & K. Liottz

Life-history strategies affect aphid preference for yellowing leaves
J. P. Heinferman, G. Seriö & J. B. Hefi
602 Feedback signal are human make choices? Size does not matter when Hadza foragers are choosing a mate.
R. Sears & F. M. Marlowe

Biomechanics
610 Pitch from power: limitations to acceleration in quadrupeds

Conservation biology
614 Opinion piece. Science should not be abandoned in a bid to resolve whaling disputes
J. Coull, R. Loger & V. Papasteriou

614 Opinion piece. Science should not be abandoned in a bid to resolve whaling disputes
J. Coull, R. Loger & V. Papasteriou

Population ecology
613 Comment. Apparent extinction or insufficient sampling? Comment on 'Delftsehout and apparent asynchronous forest beetles in Madagascar'
M. Boykin & B. Fortune
615 Invited reply. Deforestation and tropical pest extinctions
I. Hamuri, E. Meyke & M. M. Khan

Population genetics
616 Admixed analysis of stocked brown trout populations using mapped microsatellite DNA markers: indigenous trout persist in introgressed populations
M. M. Hansen & K.-L. D. Mensberg

Evolutionary biology
620 Opinion piece. Parallels—the new frontier: celebrating Darwin 200
R. Schmid-Hempel
628 Plasticity in probabilistic reaction norms for maturation in a salmonid fish
R. Martinez, J. T. Dube & T. Nagasawa
632 Tree shrew lavatories: a novel nitrogen excretion strategy in a tropical pitcher plant
643 Body condition but not dietary restriction prolongs lifespan in a semelparous capital breeder
M. M. Saccoen, H. C. Brooks & M. C. B. Andrade
659 Bone growth marks reveal protracted growth in New Zealand kōkako (Aves, Apterygidae)
651 Opinion piece. Deforestation and apparent extinction or the New World
R. Kümmerli & L. Keller

Special feature
Sexual conflict and sex allocation: evolutionary principles and mechanisms
Guest edited by Tracey Chapman

660 Introduction. Sexual conflict and sex allocation
T. Chapman
664 Sexual conflict in twine: male co-bnexions reduce fitness of female cuckoos
F. H. Cropper, T. van Noordwijk & E. B. Broach
667 Opinion piece. Sexual conflict and intrasexual conflict
M. F. Paton & D. King
671 Opinion piece. The conditional economics of sexual conflict
C. Fleicke, J. Penny, T. Chapman & R. K. Renfro
675 Opinion piece. Sexual conflict as a partitioning of selection
D. F. Westneat & A. S. D. Angell
682 Coevolution of non-fertile sperms and female receptivity in a butterfly
N. Mesnil, C. Wicklund & J. E. Thomas
685 Opinion piece. Sexual conflict, sex allocation and the genetic system
L. Schärer & T. Janicke
686 Sexually antagonistic chromosomal inversions
W. B. Rice, S._Cavalli & U. Fëhler
695 Opinion piece. The kin structure of sexual interactions
J. F. G. Reale
699 Does reproductive isolation evolve faster in larger populations via sexually antagonistic coevolution?
J. G. C. L. Faucett, G. W. Y. Martin, S. Wigby, T. Chapman & D. J. Hodgson
700 Opinion piece. Sex allocation in insect societies: who wins?
T. Chapman & J. D. L. Hodgson
705 Opinion piece. Sex allocation and sexual conflict in simultaneously hermaphroditic animals
S. E. Schwartz & J. J. Stacey
709 Access to male investment can undermine the evolutionary stability of simultaneous hermaphroditism
N. K. Mills, T. M. Croyce & N. M. Anthony
713 Patterns of sex ratio in ants have multiple evolutionary causes based on different within-colony conflicts
E. L. W. Rice & S. J. Pollock
717 Opinion piece. How does breeding system variation modulate sexual antagonism?

Registered Charity No 207043
excellence in science
is the independent scientific academy
Published in Great Britain by the Royal Society, 6–9 Carlton House Terrace, London SW1Y 5AG

30 October 2009

volume 5
number 5
pages 577–720

Biol. Lett. | vol. 5  no. 5  pp. 577–720 | 23 Oct 2009

Biol. Lett. | vol. 5  no. 5  pp. 577–720 | 23 Oct 2009

volume 5
number 5
pages 577–720
Biol. Lett. | vol. 5  no. 5  pp. 577–720 | 23 Oct 2009

volume 5
number 5
pages 577–720

Royal Society Publishing
DARWIN200
23 October 2009