### Review articles

- Temperature change as a probe of muscle crossbridge kinetics: a review and discussion
  - R. C. Woledge, C. J. Earley & N. A. Curtin
  - Page 2685

### Research articles

- The spider Harpactea sadistica: co-evolution of traumatic insemination and complex female genital morphology in spiders
  - M. Režáč
  - Page 2697

- Bayesian phylogenetic analysis of Semitic languages identifies an Early Bronze Age origin of Semitic in the Near East
  - Page 2703

- Incipient allochronic speciation by climatic disruption of the reproductive period
  - S. Yamamoto & T. Sota
  - Page 2711

- Experimental evidence for group hunting via eavesdropping in echolocating bats
  - Page 2721

- Are rates of species diversification correlated with rates of morphological evolution?
  - D. C. Adams, C. M. Berns, K. H. Kuzak & J. J. Wiens
  - Page 2729

- Flexible responses to visual and olfactory stimuli by foraging Manduca sexta: larval nutrition affects adult behaviour
  - J. Goyret, A. Kelber, M. Pfaff & R. A. Raguso
  - Page 2739

- The cellular geometry of growth drives the amino acid economy of Common habdilus elegans
  - J. Suter, S. Fuchs, J. C. Bundy & A. M. Leroi
  - Page 2747

- Experimental study of the behavioural mechanisms underlying self-organization in human crowds
  - M. Moussaid, D. Helbing, S. Carrer, A. Johannson, M. Combe & C. Theraud
  - Page 2755

- Tonically immobilized selfish prey can survive by sacrificing others
  - T. Miyazaki, S. Nakayama, Y. Nišio & S. Nakajima
  - Page 2763

- Great tits growing old: selective disappearance and the partitioning of senescence to stages within the breeding cycle
  - S. Nowsuhoo, B. C. Sheldon, S. Verhult & A. Charmantier
  - Page 2769

- Optimal level of inbreeding in the common lizard
  - C. A. Hinde, K. B. Buchanan & R. M. Kilner
  - Page 2777

- Dynamics of seasonal outbreaks of black band disease in an assemblage of Montipora species at Pelorus Island (Great Barrier Reef, Australia)
  - Y. Sato, D. G. Bourne & B. L. Willis
  - Page 2795

- Wolbachia as populations within individual insects: causes and consequences of density variation in natural populations
  - R. L. Unckless, L. M. Buske, J. K. Herren & J. James
  - Page 2805

- Fatal attraction: adaptations to prey on native frogs imperil snakes after invasion of toxic toads
  - M. Hagman, B. L. Phillips & R. Shine
  - Page 2813

- Sea lice and salmon population dynamics: effects of exposure time for migratory fish
  - M. KRkosik, A. Morton, J. P. Volpe & M. ALewis
  - Page 2819

- ‘Heritability’ of dispersal propensity in a patchy population
  - F. Mas, K. F. Haynes & M. Kölliker
  - Page 2829

- Old fossil-young species: evolutionary history of an endemic gastropod assemblage in Lake Malawi
  - R. Schultheiss, B. Van Bocxlaer, T. Wilke & C. Albrecht
  - Page 2837

- A chemical signal of offspring quality affects maternal care in a social insect
  - P. As, K. F. Haynes & M. Kölliker
  - Page 2847

- Food-supplementing parents reduces their sons’ song repertoire size
  - L. Zanette, M. Clinchy & H.-C. Sung
  - Page 2855