Review articles

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

Research articles

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

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

Incipient allochronic speciation by climatic disruption of the reproductive period
S. Tamamoto & T. Sota

Experimental evidence for group hunting via eavesdropping in echolocating bats

Age of species diversification correlated with rates of morphological evolution?
D. C. Adams, C. M. Born, K. H. Krück & J. J. Wiens

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

The cellular geometry of growth drives the amino acid economy of Common halibut Clupea harengus
J. Goyert, A. Kelber, M. Pfaff & R. A. Raguso

Experimental study of the behavioural mechanisms underlying self-organization in human crowds
M. Mossaad, D. Heiling, S. Carrier, A. Johansson, M. Combe & G. Theraud

Tontically immobilized selfish prey can survive by sacrificing others
T. Miyatake, S. Nakayama, Y. Nishi & S. Nakajima

Great tits growing old: selective disappearance and the partitioning of senescence to stages within the breeding cycle
S. Nishihara, R. C. Sheldon, S. Verhulst & A. Charmantier

Optimal level of inbreeding in the common lizard
M. Richard, S. Leszat, J. Leconte, M. de Frappont & J. Clisbert

Prenatal environmental effects match offspring begging to parental provisioning
C. A. Hinne, K. L. Buchanan & B. L. Williams

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

Fatal attraction: adaptations to prey on native frogs imiprison after invasion of toxic toads
M. Hayman, B. L. Phillips & R. Shaw

Sea lice and salmon population dynamics: effects of exposure time for migratory fish
M. Kolseth, A. Morton, J. P. Volpe & M. A. Lewis

Heritability of dispersal propensity in a patchy population
B. Dugon, L. Gustafsson & T. Patl

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

A chemical signal of offspring quality affects maternal care in a social insect
F. Mains, K. F. Haynes & M. Kollitzer

Food-supplementing parents reduces their sons’ song repertoire size
L. Zarate, M. Clinchy & M. C. Sung