Review articles
Paradoxical persistence through mixed-system dynamics: towards a unified perspective of reversal behaviours in evolutionary ecology
P. D. Williams & A. Hastings

Comments and invited replies
Are rates of molecular evolution in mammals substantially accelerated in warmer environments?
J. T. Weir & D. S. Wright
Are rates of molecular evolution in mammals substantially accelerated in warmer environments? Reply
L. N. Gillman, P. McBrine, D. J. Keeling, H. A. Ross & S. D. Wright

Research articles
Efficacy model for antibody-mediated pre-erythrocytic malaria vaccines
Adaptation to local ultraviolet radiation conditions among neighbouring Daphnia populations
B. E. Miner & B. Kerr
Asynchrony adaptation reveals neural population code for audio-visual timing
N. W. Roach, J. Heron, D. Whitaker & P. V. McGraw
Azoxxanthellate? Most Hawaiian black corals contain Symbiodinium
Unravelling the structure of species extinction risk for predictive conservation science
T. M. Lee & W. Jetz
Geographical and temporal flexibility in the response to crosswinds by migrating raptors
R. H. G. Kasassen, M. Hake, R. Strandberg & T. Alerstam
The mixed mating system of the sea palm kelp Postelsia palmaeformis: few costs to selfing
A. R. Baven, C. A. Frazier & J. T. Woodson
Salticid predation as one potential driving force of ant mimicry in jumping spiders
J.-N. Huang, R.-C. Cheng, D. Li & L.-M. Tso
A general rule for sensory cue summation: evidence from photographic, musical, phonetic and cross-modal stimuli
M. P. S. To, R. J. Baddeley, T. Troscianko & D. J. Tolhurst
Why the leopard got its spots: relating pattern development to ecology in felids
W. C. Allen, J. C. Call, N. E. Scott-Samuel & R. Baddeley
Helper effects on pup lifetime fitness in the cooperatively breeding red wolf (Canis rufus)
The shape of things to come: woodland herb niche contraction begins during recruitment in mesic forest microhabitat
R. J. Warren & M. A. Bradford
Social complexity and linguistic diversity in the Austronesian and Bantu population expansions
R. T. Walker & M. J. Hamilton
Chimpanzees help conspecifics obtain food and non-food items
A. P. Melis, J. Warnekro, R. Jensen, A.-C. Schneider, J. Call & M. Tomassello
Sizing up your enemy: individual predation vulnerability predicts migratory probability
Plant-ants feed their host plant, but above all a fungal symbiont to recycle nitrogen
E. DeFoliart, C. J. Dlubek, L. D. McKey, M.-A. Selosse & R. Béatrix
Assassin bug uses aggressive mimicry to lure spider prey
A. E. Wignall & P. W. Taylor
From phenotype to genotype: a Bayesian solution
M. J. Derwood, A. E. Mathers, D. T. Haydon, L. Matthews, D. J. Mellor & S. W. J. Reid