Review articles
The extended evolutionary synthesis and the role of soft inheritance in evolution
T. E. Dickins & Q. Rahman

Antibiotic resistance in human Salmonella isolates are related to animal strains
P. Collignon

The diversity of antimicrobial resistance is different in Salmonella Typhimurium DT104 from co-located animals and humans
A. E. Mather, L. Matthews, D. J. Mellor, R. Reeve, M. J. Denwood, P. Boerlin, R. J. Reid-Smith, D. J. Brown, J. E. Coia, L. M. Browning, D. T. Hopkins & B. W. J. Bad

Commentaries
RECAI2 mutations, fertility and the grandmother effect
J. da Silva

Research articles
Risk and the evolution of human exchange
H. S. Kaplan, E. Schniter, V. L. Smith & B. J. Wilson

Modes and mechanisms of a Daphnia invasion
P. Spaak, J. Fox & N. G. Hairston Jr

Upstroke wing flexion and the inertial cost of bat flight
D. K. Riskin, A. Bergou, K. S. Breuer & S. M. Swartz

Effects of diurnally oscillating pCO2 on the calcification and survival of coral recruits
A. M. Dufault, J. R. Carney, T.-Y. Fan & P. J. Edmunds

A sex-specific trade-off between mating preferences for genetic compatibility and body size in a cichlid fish with mutual male choice
T. Thünken, D. Meuthen, T. C. M. Baker & S. A. Baldauf

Symbiotic structure and geographical dialects in the songs of male rock hyraxes
A. Kershenbaum, A. Ilany, L. Blaustein & E. Geffen

Host modulation of parasite competition in multiple infections
Y. Ulrich & P. Schmid-Hempel

Life-history theory, chronic childhood illness and the timing of first reproduction in a British birth cohort
D. Waynforth

Impaired immune evasion in HIV through intracellular delays and multiple infection of cells
C. L. Althaus & R. J. De Boer

Warming alters community size structure and ecosystem functioning

Plant-soil feedbacks provide an additional explanation for diversity-productivity relationships
A. Kulmatiski, K. H. Beard & J. Heavilin

Cooperation and the evolution of intelligence
L. McNally, S. P. Brown & A. L. Jackson

Dermal bone in early tetrapods: a palaeophysiological hypothesis of adaptation for terrestrial acidosis
C. B. Cameron & C. D. Bishop

Biomineral ultrastructure, elemental constitution and genomic analysis of biomineralization-related proteins in hemichordates
C. B. Cameron & C. D. Bishop

Host modulation of parasite competition in multiple infections
Y. Ulrich & P. Schmid-Hempel

Spatiotopic perceptual maps in humans: evidence from motion adaptation
M. Turi & D. Burr

Disentangling effects of uncertainties on population projections: climate change impact on an epixylic bryophyte
A. Ruete, W. Yang, L. Bärring, N. Chr. Stenseth & T. Snäll

Species richness matters for the quality of ecosystem services: a test using seed dispersal by frugivorous birds
D. García & D. Martínez

Historical pesticide applications coincided with an altered diet of aerially foraging insectivorous chimney swifts