Review articles
DNA topoisomerases in apicomplexan parasites: promising targets for drug discovery
C. García-Estrada, C. F. Prada, C. Fernández-Rubio, F. Rojo-Vázquez & R. Balaña-Fouce

Research articles
Ecological release from interspecific competition leads to decoupled changes in population and individual niche width

Evolutionary constraints on adaptive evolution during range expansion in an invasive plant

Species interactions-area relationships: biological invasions and network structure in relation to island area
S. Sugura

Colour appearance and compensation in the near periphery
M. A. Webster, K. Halen, A. J. Meyers, P. Winkler & J. S. Werner

Nectar yeasts warm the flowers of a winter-blooming plant
C. M. Herrera & M. I. Pozo

Soft-part anatomy of the Early Cambrian bivalved arthropods Kunyangella and Kunmingella: significance for the phylogenetic relationships of Bradorida
X. Hou, M. Williams, D. J. Siveter, D. J. Siveter, R. J. Aldridge & R. S. Sansom

Visual pigment in the lens eyes of the box jellyfish Chiropsella bronzie

Multiple selective pressures apply to a coral reef fish mimic: a case of Batesian–aggressive mimicry
K. L. Cheney

The reproduction number of seasonal influenza epidemics in Brazil, 1996–2006
G. Chowell, C. Viboud, L. Simonsen, M. Miller & W. I. Atkinson

Productivity responses of a widespread marine piscivore, Gadus morhua, to oceanic thermal extremes and trends
I. Mantzouni & B. R. MacKenzie

Heterogeneity in chronic myeloid leukaemia dynamics during imatinib treatment: role of immune responses
D. Wodarz

Experimental cooling during incubation leads to reduced innate immunity and body condition in nestling tree swallows
D. R. Ardia, J. H. Pérez & E. D. Clotfelter

Rapid viability analysis for metapopulations in dynamic habitat networks
M. Drechsler & K. Jüttner

The fine structure of honeybee head and body yaw movements in a homing task
N. Reitschel, L. Dittmar, W. Sürd & M. Egelhaaf

Interactive effects of temporal correlations, spatial heterogeneity and dispersal on population persistence
S. J. Schreiber

Dynamic stability and basins of attraction in the Sir Philip Sidney game
S. M. Huttegger & K. J. S. Zollman

Females prefer athletes, males fear the disadvantaged: different signals used in female choice and male competition have varied consequences

Parasite virulence when the infection reduces the host immune response
S. Cornet & G. Sorci