Review. Climate, energy and diversity
A. Clarke & K. J. Gaston
Are there differences in immune function between continental and insular birds? 2267
K. D. Matson
Temperature-mediated transitions between isometry and allometry in a colonial, modular invertebrate 2275
P. J. Edmunds
Historical processes enhance patterns of diversity along latitudinal gradients 2283
R. D. Stevens
Incipient speciation through niche expansion: an example from the Arctic charr in a subarctic lake 2291
R. Knudsen, A. Klemetsen, P.-A. Amundsen & B. Hermansen
Experimental demonstration of the antiherbivore effects of silica in grasses: impacts on foliage digestibility and vole growth rates 2299
F. P. Massey & S. E. Harley
The role of zooxanthellae in the thermal tolerance of corals: a ‘nugget of hope’ for coral reefs in an era of climate change 2305
R. Berkelmans & M. J. H. van Oppen
Vervet monkeys and humans show brain asymmetries for processing conspecific vocalizations, but with opposite patterns of laterality 2313
R. Olla-de-Costa & M. D. Hausser
Sexual segregation of seasonal foraging habitats in a non-migratory marine mammal 2319
G. A. Breed, W. D. Bowen, J. I. McMillan & M. L. Leonard
Host heterogeneity dominates West Nile virus transmission 2327
A. M. Kilpatrick, P. Daszak, M. J. Jones, & P. P. Marra & L. D. Kramer
From nestling calls to fledgling silence: adaptive timing of change in response to aerial alarm calls 2335
R. D. Magraith, D. Platzen & J. Kondo
A host-race difference in begging calls of nestling cuckoos Cuculus canorus develops through experience and increases host provisioning 2343
J. R. Madden & N. B. Davies
Fitness cost of incubation in great tits Parus major is related to clutch size 2353
M. E. de Heij, P. J. van den Hout & J. M. Tribergen
Mother guarding: how offspring may influence the extra-pair behaviour of their parents 2363
J. A. Welbergen & S. Quader
Best squirrels trade a long life for an early reproduction 2369
S. Descamps, S. Boule, D. Benteux & J.-M. Gaillard
Facial and bodily correlates of family background 2375
L. G. Boothroyd & D. I. Perrett
Kin discrimination and altruism in the larvae of a solitary insect 2381
A. Lézé, D. Carval, A. M. Cortesero, S. Fournet & D. Poinot
Larger ejaculate volumes are associated with a lower degree of polyandry across bushcricket taxa 2387
K. Vahed
Signal content of red facial coloration in female mandrills Mandrillus sphinx 2395
J. M. Setchell, E. J. Wickings & L. A. Knapp
Sex in advertising: dioecy alters the net benefits of attractiveness in Sagittaria latifolia (Alismataceae) 2401
J. C. Vamosi, S. M. Vamosi & S. C. H. Barrett
Feminizing Wolbachia in Zyginaidae pullula (Insecta, Hemiptera), a leafhopper with an XX/X0 sex-determination system 2409
J. Negrín, M. Pellecchia, P. J. Mazzoglio, A. Patetta & A. Alma