Animal behaviour

233 Circatidal activity rhythm in the mangrove cricket Apteronemobius asahinai
A. Satoh, E. Yoshioka & H. Numata

237 Visual signals of status and rival assessment in Polistes dominulus paper wasps
E. A. Tibbetts & R. Lindsay

240 Local song elements indicate local genotypes and predict physiological condition in song sparrows Melospiza melodia
K. A. Stewart & E. A. MacDougall-Shackleton

243 Object carrying as socio-sexual display in an aquatic mammal A. R. Martin, V. M. F. da Silva & P. Rothery

246 A fruit in the hand or two in the bush? Divergent risk preferences in chimpanzees and bonobos
S. R. Heilbronner, A. G. Rosati, J. R. Stevens, B. Hare & M. D. Hauser

Community ecology

256 Is breeding of farmland wading birds depressed by a combination of predator abundance and grazing?
R. van der Wal & S. C. F. Palmer

Evolutionary biology

259 Comment. Human parental age difference and offspring count: and we still do not know what men or women want
H. Kokko

261 Reply. Spouses age at the same rate: reply to H. Kokko, ‘Human parental age difference and offspring count: a comment on Fieder et al.’
F. L. Bookstein, M. Fieder & S. Huber

262 Nocturnal activity positively correlated with auditory sensitivity in nocturnal moths
H. M. ter Hofstede, J. M. Ratcliffe & J. H. Fullard

266 Female sperm limitation in natural populations of a sexual/asexual mating complex (Poecilia latipinna, Poecilia formosa)
R. Riesch, I. Schlupp & M. Plath

270 Variance-based selection may explain general mating patterns in social insects
O. Rueppell, N. Johnson & J. Rychtar˘

274 Prehistorical climate change increased diversification of a group of butterflies
C. Peña & N. Wahlberg

Palaeontology

279 Comment. Do giant claws mean giant bodies? An alternative view on exaggerated scaling relationships
A. Kaiser & J. Klok

281 Reply. Reply: giant claws and big bodies
S. J. Braddy, M. Poschmann & O. E. Tetlie

282 Developmental growth patterns of the filter-feeder pterosaur, Pterodactylus gracilis
A. Chinsamy, L. Codorniú & L. Chiappe

286 A new, nearly complete stem turtle from the Jurassic of South America with implications for turtle evolution
J. Sterli

290 Specialized shell-breaking crab claws in Cretaceous seas
G. P. Dietl & F. J. Vega

Physiology

294 Temperature until the ‘eyed stage’ of embryogenesis programmes the growth trajectory and muscle phenotype of adult Atlantic salmon
D. J. Macqueen, D. H. F. Robb, T. Olsen, L. Melstveit, C. G. M. Forrest & I. A. Johnston

302 Scaling of xylem vessels and veins within the leaves of oak species

Population ecology

307 Should hunting mortality mimic the patterns of natural mortality?
R. Boichat, A. Mysterud & J. E. Swenson

311 The effect of social facilitation on foraging success in vultures: a modelling study
A. J. Jackson, C. D. Baylis & D. C. Houston

314 Long-term persistence of GM oilseed rape in the seedbank
T. D’Hertefeldt, R. B. Jørgensen & L. B. Pettersson