Models of foot-and-mouth disease
M. J. Keeling 1195

Prey survival by predator intimidation: an experimental study of peacock butterfly defence against blue tits
A. Vallin, S. Jakobsson, J. Lind & C. Wiklund 1203

Episymbiotic microbes as food and defence for marine isopods: unique symbioses in a hostile environment
N. Lindquist, P. H. Barber & J. B. Weisz 1209

Habitat structure and the dispersal of male and female bottlenose dolphins (Tursiops truncatus)
A. Natoli, A. Birkun, A. Aguilar, A. Lopez & A. R. Hoelzel 1217

Impact of UV-B exposure on amphibian embryos: linking species physiology and oviposition behaviour
W. J. Palen, C. E. Williamson, A. A. Clauser & D. E. Schindler 1227

Why are small males aggressive?
L. J. Morrell, J. Lindström & G. D. Ruxton 1235

Effects of early experience on female behavioural and reproductive development in rhesus macaques
D. Maestripieri 1243

Supply-side invasion ecology: characterizing propagule pressure in coastal ecosystems
E. Verling, G. M. Ruiz, L. D. Smith, B. Gail, A. W. Miller & K. R. Murphy 1249

Does habitat fragmentation affect temperature-related life-history traits?
A laboratory test with a woodland butterfly
B. Karlsson & H. Van Dyck 1257

Environmental stochasticity in dispersal areas can explain the ‘mysterious’ disappearance of breeding populations
V. Pinteriani, F. Otalora, F. Sergio & M. Ferrer 1265

Evidence for pollinator sharing in Mediterranean nectar-mimic orchids: absence of premating barriers?
S. Cozzolino, F. P. Schiestl, A. Müller, O. De Castro, A. M. Nardella & A. Widmer 1271

Experimental evidence rejects pairwise modelling approach to coexistence in plant communities
C. F. Dormann & S. H. Roxburgh 1279

Sex ratio strategies and the evolution of cue use
J. C. Moore, M. Zavodna, S. G. Compton & P. M. Gilmartin 1287

Mitochondrial genomes suggest that hexapods and crustaceans are mutually paraphyletic
C. E. Cook, Q. Yue & M. Akam 1295