



22 May 2006

volume 273 · number 1591 · pages 1173–1306

Review. Complex population dynamics and complex causation: devils, details and demography	1173
T. G. Benton, S. J. Plaistow & T. N. Coulson	
Reply. Critique of directionality theory	1183
L. Demetrius, A. Kowald & M. Ziehe	
Alteration of the chemical environment disrupts communication in a freshwater fish	1187
H. S. Fisher, B. B. M. Wong & G. G. Rosenthal	
Encounter success of free-ranging marine predator movements across a dynamic prey landscape	1195
D. W. Sims, M. J. Witt, A. J. Richardson, E. J. Southall & J. D. Metcalfe	
Termite-egg mimicry by a sclerotium-forming fungus	1203
K. Matsuura	
Small object detection neurons in female hoverflies	1211
K. Nordström & D. C. O'Carroll	
Attentional modulation of perceptual stabilization	1217
R. Kanai & F. A. J. Verstraten	
Are capuchin monkeys (<i>Cebus apella</i>) inequity averse?	1223
D. Dubreuil, M. S. Gentile & E. Visalberghi	
Age-structured effects and disease interference in childhood infections	1229
Y. Huang & P. Rohani	
Good reindeer mothers live longer and become better in raising offspring	1239
R. B. Weladji, J.-M. Gaillard, N. G. Yoccoz, Ø. Holand, A. Mysterud, A. Loison, M. Nieminen & N. Chr. Stenseth	
Barn swallows before barns: population histories and intercontinental colonization	1245
R. M. Zink, A. Pavlova, S. Rohwer & S. V. Drovetski	
Fitness landscapes support the dominance theory of post-zygotic isolation in the mussels <i>Mytilus edulis</i> and <i>M. galloprovincialis</i>	1253
N. Bierne, F. Bonhomme, P. Boudry, M. Szulkin & P. David	
Alien mink predation induces prolonged declines in archipelago amphibians	1261
M. Ahola, M. Nordström, P. B. Banks, N. Laanetu & E. Korpimäki	
The predation costs of symmetrical cryptic coloration	1267
I. C. Cuthill, E. Hiby & E. Lloyd	
Costs and benefits of a superinfection of facultative symbionts in aphids	1273
K. M. Oliver, N. A. Moran & M. S. Hunter	
The cost of catching up: increased winter mortality following structural growth compensation in the wild	1281
J. I. Johnsson & T. Bohlin	
Variation in preference for a male ornament is positively associated with female eyespan in the stalk-eyed fly <i>Diasemopsis meigenii</i>	1287
S. Cotton, D. W. Rogers, J. Small, A. Pomiankowski & K. Fowler	
Variation among species in proteomic sulphur content is related to environmental conditions	1293
J. G. Bragg, D. Thomas & P. Baudouin-Cornu	
Fungal plant endosymbionts alter life history and reproductive success of aphid predators	1301
C. de Sassi, C. B. Müller & J. Krauss	



Founded in 1660, the Royal Society is the independent scientific academy of the UK, dedicated to promoting excellence in science

Registered Charity No 207043



FirstCite®
e-publishing

www.journals.royalsoc.ac.uk

Published in Great Britain by the Royal Society,
6–9 Carlton House Terrace, London SW1Y 5AG