

Senescent birds redouble reproductive effort when ill: confirmation of the terminal investment hypothesis	1443
A. Velando, H. Drummond & R. Torres	
Lifetime reproductive success and density-dependent, multi-variable resource selection	1449
P. D. McLoughlin, M. S. Boyce, T. Coulson & T. Clutton-Brock	
<i>Wolbachia</i> infection reduces sperm competitive ability in an insect	1455
F. E. Champion de Crespigny & N. Wedell	
Biocomplexity in a highly migratory pelagic marine fish, Atlantic herring	1459
D. E. Ruzzante, S. Mariani, D. Bekkevold, C. André, H. Mosegaard, L. A. W. Clausen, T. G. Dahlgren, W. F. Hutchinson, E. M. C. Hatfield, E. Torstensen, J. Brigham, E. J. Simmonds, L. Laikre, L. C. Larsson, R. J. M. Stet, N. Ryman & G. R. Carvalho	
Species richness changes lag behind climate change	1465
R. Menéndez, A. G. Megias, J. K. Hill, B. Braschler, S. G. Willis, Y. Collingham, R. Fox, D. B. Roy & C. D. Thomas	
The snail's love-dart delivers mucus to increase paternity	1471
R. Chase & K. C. Blanchard	
Evolution in group-structured populations can resolve the tragedy of the commons	1477
T. Killingback, J. Bieri & T. Flatt	
Weak genetic structure indicates strong dispersal limits: a tale of two coral reef fish	1483
J. F. H. Purcell, R. K. Cowen, C. R. Hughes & D. A. Williams	
Genetic rescue of an insular population of large mammals	1491
J. T. Hogg, S. H. Forbes, B. M. Steele & G. Luikart	
Environmental influence on the genetic basis of mosquito resistance to malaria parasites	1501
L. Lambrechts, J.-M. Chavatte, G. Snounou & J. C. Koella	
Unifying measures of gene function and evolution	1507
Y. I. Wolf, L. Carmel & E. V. Koonin	
Resource distribution mediates synchronization of physiological rhythms in locust groups	1517
E. Despland & S. J. Simpson	
Maternal food provisioning in relation to condition-dependent offspring odours in burrower bugs (<i>Sehirus cinctus</i>)	1523
M. Kölliker, J. P. Chuckalovcak, K. F. Haynes & E. D. Brodie III	
Experimentally increased food resources in the natal territory promote offspring philopatry and helping in cooperatively breeding carrion crows	1529
V. Baglione, D. Canestrari, J. M. Marcos & J. Ekman	
Stochastic predation events and population persistence in bighorn sheep	1537
M. Festa-Bianchet, T. Coulson, J.-M. Gaillard, J. T. Hogg & F. Pelletier	
An invasive species induces rapid adaptive change in a native predator: cane toads and black snakes in Australia	1545
B. L. Phillips & R. Shine	
Kittiwakes strategically reduce investment in replacement clutches	1551
J. Gasparini, A. Roulin, V. A. Gill, S. A. Hatch & T. Boulinier	
Testing game theory models: fighting ability and decision rules in chameleon contests	1555
D. Stuart-Fox	
Tuataras and salamanders show that walking and running mechanics are ancient features of tetrapod locomotion	1563
S. M. Reilly, E. J. McElroy, R. A. Odum & V. A. Hornyak	
Living males of the 'ancient asexual' Darwinulidae (Ostracoda: Crustacea)	1569
R. J. Smith, T. Kamiya & D. J. Horne	



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