Editorial

Editorial: Proceedings B – the next phase
M. Hassell

Review articles

Three-dimensional images of choanoflagellate loricae
B. S. C. Leadbeater, Q. B. Yu, J. Kent & D. J. Stekel

Research articles

A simple and general explanation for the evolution of altruism
J. A. Fletcher & M. Doebeli

Space versus phylogeny: disentangling phylogenetic and spatial signals in comparative data
P. Freckleton & W. pet

The evolution of superstitious and superstition-like behaviour
K. R. Foster & H. Kokko

Assessment of the role of sutures in a lizard skull: a computer modelling study

Human-related processes drive the richness of exotic birds in Europe
T. Cheren, S. Sherby & S. Kark

Genome size and wing parameters in passerine birds
E. B. Anderson, S. A. Maclouf & T. R. Gregory

High variability in patterns of population decline: the importance of local processes in species extinctions
G. Constable, R. A. Pettit & N. J. B. Isaac

An age-structured model to evaluate the potential of novel malaria-control interventions: a case study of
fungal biocidal sprays
P. A. Hancock, M. B. Thomas & H. C. J. Godfrey

Survival and recovery of Pneumocystis antarctica (Pyrhomonadophyceae) from prolonged darkness and freezing
K. W. Tang, W. O. Smith & A. B. Smith & D. T. Elliott

Facialmetric similarities mediate mate choice: sexual imprinting on opposite-sex parents
T. Berntson, C. G. Hingston & C. Hajnal

Different functions for homologous serotonergic interneurons and serotonin in species-specific rhythmic behaviours
J. M. Nenov & P. K. Katz

Trophic and individual efficiencies of size-structured communities
K. H. Anderson, J. E. Bayer & P. Lundberg

Extreme sequential polyandry incurs against nest failure in a frog
P. G. Byrne & I. S. Koons

Autumn leaves seen through herbivore eyes
T. F. Ding, M. Archetti & J. F. Ruane

Experimental evidence for paternal effects on offspring growth rate in Arctic char (Salvelinus alpinus)
E. M. Elton, B. J. K obedient, S. Ljublje, G. Rambaud & J. F. Farland

Aphid aerial density profiles are consistent with turbulent advection amplifying flight behaviours: abandoning the
epithet ‘passive’
A. M. Reynolds & D. R. Reynolds

Strain-specific priming of resistance in the red flour beetle, Tribolium castaneum
O. Roth, B. M. Sadd, P. Schmid-Hempel & J. Kurtz

Testosterone responses to competition in men are related to facial masculinity
N. Peck, I. S. Penton-Voak & A. K. Surridge

Social fishes and single mothers: brain evolution in African cichlids
A. González-Hoyos, S. Wernberg & K. Kohn

Carotenoid-based colour of acanthoccephalan cystacanths plays no role in host manipulation
N. Kaldonski, M.-J. Persn-Mennet, R. Dieder, G. Martinaud & F. Cézilly

Several deep sea mussels and their associated symbionts are able to live both on wood and on whale falls
J. Lorion, S. Duperron, O. Gros, C. Cruaud & S. Samadi

Fine-scale coevolution between Brachiopods and Buchnera aphidicola: bacterial genome helps define species
and evolutionary relationships in aphids
E. Jousselin, Y. Desdevises & A. Coeur d’acier

ISSN 0962-8452
volume 276
number 1654
pages 1–196

7 January 2009

volume 276 . number 1654 . pages 1–196

7 January 2009

Founded in 1660, the Royal Society
is the independent scientific academy
of the UK, dedicated to promoting
excellence in science
Registered Charity No 207043

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

FirstCite
e-publishing

Royal Society Publishing’s
online presence is moving in
February 2008. For more
detail visit:
http://publishing.
royalsociety.org

7 January 2009