Directionally compliant legs influence the intrinsic pitch behaviour of a trotting quadruped
D. V. Lee & S. G. Meek

Ecological speciation in tropical reef fishes
L. A. Roucha, D. R. Robertson, J. Roman & B. W. Bowen

Muscle directly meets the vast power demands in agile lizards
N. A. Curtin, R. C. Wolege & P. Aerts

The relationship between pelagic larval duration and range size in tropical reef fishes:
a synthetic analysis
S. E. Lester & B. I. Ruttenberg

A simple model for the within-host dynamics of a protozoan parasite
D. Klinkenberg & J. A. P. Heesterbeek

Compensatory response ‘defends’ energy levels but not growth trajectories in brown trout,
Salmo trutta L.
D. Álvarez & A. G. Nicieza

Morphological evolution, ecological diversification and climate change in rodents

Bite club: comparative bite force in big biting mammals and the prediction of predatory
behaviour in fossil taxa
S. Wroe, C. McHenry & J. Thomason

Mineralization of soft-part anatomy and invading microbes in the horseshoe crab
Mesolimulus from the Upper Jurassic Lagerstätte of Nusplingen, Germany

The distributions of the duplicate oestrogen receptors ER-βα and ER-ββ in the forebrain of the
Atlantic croaker (Micropogonias undulatus): evidence for subfunctionalization after gene duplication
M. B. Hawkins, J. Godwin, D. Crews & P. Thomas

Cadherins in maternal-foetal interactions: red queen with a green beard?
K. Summers & B. Crespi

Ambient noise and the design of begging signals
M. L. Leonard & A. G. Horn

Genetic variation for an aphid wing polyphenism is genetically linked to a naturally occurring wing
polymorphism
C. Braudie, J. Frebee, M. C. Caillaud & D. L. Stern

Background-matching and disruptive coloration, and the evolution of cryptic coloration
S. Merilaita & J. Lind

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

www.journals.royalsoc.ac.uk
Published in Great Britain by The Royal Society,
6–9 Carlton House Terrace, London SW1Y 5AG

ISSN 0962-8452
volume 272
number 1563
pages 567–670
22 March 2005