Meeting report
431 Social insects inspire human design
C. T. Hollbrugge, B. M. Clark, D. Moore, B. F. Dawson, C. A. Petrick & A. A. Smith

Body-size distributions and size-spectra: universal indicators of
biological diversity?
O. L.笔记本 & A. Belgium

Emerging diseases in Chiroptera: why bats?
C. Ulrich, M. S. Moore, T. Schouten & C. C. Vogt

Animal behaviour
441 Social calls used by a leaf-roosting bat
to signal location
C. Chivers, E. R. Gannon & M. J. Henley

445 Experimental evidence that sentinel behaviour is affected by risk
A. R. Ridley, N. J. Rahn & B. W. Bell

449 Antimicrobial exhibit threat-sensitive, predator-induced dispersal
S. J. McCulloch & L. Rose

453 Can eggs in a cavity be a female secondary sexual signal? Male nest
exhibit threat-sensitive, behaviour is affected by risk
to signal location
A. A. Y. Chen, P. Grais-Perez, P. M. S. Pedro & T. D. Almquist

462 Sickness behaviour acting as an evolutionary trap? Male house finches
preferentially feed near diseased conspecifics
K. M. Bouwman & D. M. Hawley

466 Conformist learning in nine-spined sticklebacks' foraging decisions
T. W. Pike & K. N. Laland

472 Relaxed predation risk reduces but
469 Efficiency of coding in macaque vocal
476 Spatially mismatched trophic
477 Double cones are used for colour
discrimination in the red fish,
473 Body-size distributions and
size-spectra: universal indicators of
biological diversity?
O. L.笔记本 & A. Belgium

482 Gradients of strain and strain rate in the hollow muscular organs of soft-bodied animals
T. Thompson, K. R. Taylor & C. Centeno

486 Do turtles have a jump on how far they hop? Pre-landing activity timing and intensity in forelimb muscles of hugging Balio marina
G. R. Giffels, T. Helle & B. Gurau

Biomechanics
482 Gradients of strain and strain rate in the hollow muscular organs of soft-bodied animals
T. Thompson, K. R. Taylor & C. Centeno

486 Do turtles have a jump on how far they hop? Pre-landing activity timing and intensity in forelimb muscles of hugging Balio marina
G. R. Giffels, T. Helle & B. Gurau

Community ecology
490 More individuals but fewer species: testing the ‘more individuals hypothesis’ in a diverse tropical fauna
T. F. McGlynn, M. D. Weiser & R. P. Overson, C. A. Penick & A. A. Smith

494 Cheaters in mutualism networks
J. Konce, P. Patricia C. Morand, P. R. Guzman & R. J. M. Olsson

Conservation biology
498 Marine no-take zone rapidly benefits endangered penguin
L. Pech, J. Deimbl, R. J. M. Crawford & P. G. S. Byrne

Evolutionary biology
502 Opinion piece. Landscape evolutionary genomics
D. B. Luey

503 Evolution of virulence when transmission occurs before disease
J. S. Hadfield & A. F. Dobson

509 Air-breathing adaptation in a marine Devonian lungfish
A. M. Campbell & A. Long

512 Evolutionary trap? Male house finches
preferentially feed near diseased conspecifics
K. M. Bouwman & D. M. Hawley

515 Spatially mismatched trophic
518 Temporal and spatial patterns of sea
521 Fluctuating feather asymmetry in Confuciusornis sanctus
(Frankliniella occidentalis) for plant
524 Links between global taxonomic
diversity, ecological diversity and
the expansion of vertebrates on
land
S. Sahney, M. J. Benton & P. A. Ferry

526 Spatially mismatched trophic
529 Comment. Palaeobiology of the
Cretaceous bird Confuciusornis
(Marina B. Dennis, J. A. Faith & J. A. Armstrong)

531 Invited reply. Sexual size dimorphism
is the most consistent explanation for
the body size spectrum of
Confuciusornis sanctus
W. S. Peters & D. S. Peters

533 Predatory fishes affect trophic
cascades and apparent competition in
temperate reed
A. P. & J. M. Marshall

537 Double cones are used for colour
discrimination in the red fish,
Rhinochasmus zealandiae
P. Yoon, L. Cane, J. C. Mitchell & M. Vorderby

Neurobiology
540 Selective prefrontal cortex responses to joint attention in early infancy
T. Grossmann & M. H. Johnson

Palaeontology
544 More individuals but fewer species: testing the ‘more individuals hypothesis’ in a diverse tropical fauna
T. F. McGlynn, M. D. Weiser & R. P. Overson, C. A. Penick & A. A. Smith

545 Taqman real-time quantitative PCR for identification of western flower thrip (Frankliniella occidentalis) for plant
quarantine
A. S. Huang, S. Z. J. Yeh, G. S. Shew, M. Li & C. M. Chang

Physiology
558 Blisternal evolutionary tree reveals long history on Gondwana

562 Diet effects on honeybee immunocompetence
C. Knor, D. Dicker, D. Crasser & S. A. Cooney

Population ecology
566 Spatially mismatched trophic
dynamics cyclically outbreaks
geometrids and their larval
parasites

570 Sexual dimorphism for water balance
in montane populations of
Rhinecanthus aculeatus
L. Pichegru, D. Grémillet, R. J. M. Crawford & L. Rowe

573 Predatory fishes affect trophic
cascades and apparent competition in
temperate reed
A. P. & J. M. Marshall

577 Double cones are used for colour
discrimination in the red fish,
Rhinochasmus zealandiae
P. Yoon, L. Cane, J. C. Mitchell & M. Vorderby