Review articles
Resolving phylogenetic incongruence to articulate homology and phenotypic evolution: a case study from Nematoda
E. J. Ragsdale & J. G. Baldwin

Research articles
Explosive eversion and functional morphology of the duck penis supports sexual conflict in waterfowl genitalia
P. L. R. Brennan, C. J. Clark & R. O. Prum

Eyes are on us, but nobody cares: are eye cues relevant for strong reciprocity?
E. Inle & F. Schneider

The energetic basis of acoustic communication
J. F. Gilbody & A. G. Opie

Irradiance governs exploitation of fungi: fine-tuning of carbon gain by two partially myco-heterotrophic orchids
R. Pruss, I. K. U. Adam & G. Gebauer

Aggression, segregation and stability in a dominance hierarchy
T. A. Ang & A. Mancea

Sexual conflict and the gender load: correlated evolution between population fitness and sexual dimorphism in seed beetles
G. Aeppli & M. Toda

Decline in top predator body size and changing climate alter trophic structure in an oceanic ecosystem
N. J. Shackell, K. T. Rank, J. A. D. Fisher, W. N. Leggett

How rugged individualists enable one another to find food and shelter: field experiments with tropical hermit crabs
M. E. Laidre

Microscale laser surgery reveals adaptive function of male intromittent genitalia
M. Pratik & A. Bashir

Tool use by wild New Caledonian crows Corvus moneduloides at natural foraging sites

Pattern mimicry of host eggs by the common cuckoo, as seen through a bird’s eye
M. C. Stoddard & M. Stevens

Behavioural consequences of sensory plasticity in guppies

Systemic factors dominate mammal protein evolution
A. E. Vinogradov

The direct effects of increasing CO2 and temperature on non-calcifying organisms: increasing the potential for phase shifts in kelp forests
S. D. Connell & B. D. Russell

A mathematical model of exposure of non-target Lepidoptera to Bt-maize pollen expressing Cry1Ab within Europe

Learning your own strength: winner and loser effects should change with age and experience
T. W. Fawcett & R. A. Johnstone

Positive feedback in the transition from sexual reproduction to parthenogenesis
T. Schmidt, S. Wolfensohn, J. Dufman & B. J. Crepi

Even small SNP clusters are non-randomly distributed: is this evidence of mutational non-independence?
W. Amos

The role of extinction in large-scale diversity-stability relationships
C. Simpson & W. Kiessling

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