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. J. Fein & F. Schneid

The energetic basis of acoustic communication
J. R. Gibbons & A. G. Opie

Irradiance governs exploitation of fungi: fine-tuning of carbon gain by two partially myco-heterotrophic orchids

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

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

Decline in top predator body size and changing climate alter trophic structure in an oceanic ecosystem

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. Petri & A. Bashi

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. Schwandt, S. Vollrath, J. Dubman & B. J. Crespi

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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