Review articles
Reconciling the influence of predictiveness and uncertainty on stimulus salience: a model of attention in associative learning
G. R. Esber & M. Haselgrove

Research articles
Bayesian phylogeography of the Arawak expansion in lowland South America
R. S. Walker & L. A. Ribeiro

Intercontinental dispersal by a microendemic burrowing reptile (Dibamidae)

A small increase in UV-B increases the susceptibility of tadpoles to predation
L. A. Altan, R. S. Wilson & C. E. Franklin

The relationship between pink salmon biomass and the body condition of short-tailed seaweaters in the Bering Sea: can fish compete with seabirds?

Adaptation improves discrimination of face identity
I. Ong & J. J. S. Barton

Using knockout mutants to reveal the growth costs of defensive traits
T. Zott, B. Joseph, K. K. Shirescu, D. J. Kiehnstein & L. A. Turnbull

Sexual imprinting on ecologically divergent traits leads to sexual isolation in sticklebacks
G. M. Kozak, M. L. Head & J. W. Boughman

Intraspecific evidence from guppies for correlated patterns of male and female genital trait diversification
J. P. Evans, C. Casparini, G. I. Hohlow, I. W. Rammarine, T. E. Pitcher & A. Plaastro

Intuitive physical reasoning about occluded objects by inexperienced chicks
C. Chaminé & C. Vallerioglu

Interpopulation variation in a fish predator drives evolutionary divergence in prey in lakes
M. R. Walsh & D. M. Post

Sense and sensitivity: responsiveness to offspring signals varies with the parents' potential to breed again
R. Thorogood, J. G. Ewen & R. M. Kilner

Parasitoids select plants more heavily infested with their caterpillar hosts: a new approach to aid interpretation of plant headspace volatiles
R. D. Cotting, A. Stewart-Jones, J. Digesbourn, J. T. Stanley, D. J. Wright & G. M. Poppy

Evidence for energy savings from aerial running in the Svalbard rock ptarmigan (Lagopus muta hyperborea)

Variation in hippocampal morphology along an environmental gradient: controlling for the effects of day length
T. C. Roth III, L. D. LaDage & V. V. Pravosudov

An island paradigm on the mainland: host population fragmentation impairs the community of avian pathogens
M. Vogels, J. A. Leitus, D. Serrano, G. Blanco & J. L. Tella

Sil mating without inbreeding in the longhorn crazy ant
M. Pears, M. A. D. Goodisman & L. Keller

Intra-plug competition and its implications for one of the biggest terrestrial predators, Tyrannosaurus rex
C. Carbone, S. T. Turvey & J. Belby

Fluorescence of coral larvae predicts their settlement response to crustose coralline algae and reflects stress
C. D. Kerker, M. R. Taylor, J. Wiedenmann, A. Sales & M. V. Matz

Failure to fix nitrogen by non-reproductive symbiotic rhizobia triggers host sanctions that reduce fitness of their reproductive clonemates
R. Dorno, C. G. Anderson & R. F. Denison