Review articles

Reconciling the influence of predictiveness and uncertainty on stimulus salience: a model of attention in associative learning 2553
G. R. Esber & M. Haselgrove

Research articles

Bayesian phylogeography of the Arawak expansion in lowland South America 2562
R. S. Walker & L. A. Ribeiro

Intercontinental dispersal by a microendemic burrowing reptile (Dibamidae) 2568

A small increase in UV-B increases the susceptibility of tadpoles to predation 2575
L. A. Altan, R. S. Wilson & C. E. Franklin

The relationship between pink salmon biomass and the body condition of short-tailed seaduck in the Bering Sea: can fish compete with seabirds? 2584

Adaptation improves discrimination of face identity 2591
I. Ouy & A. J. J. Barton

Using knockout mutants to reveal the growth costs of defensive traits 2598
T. Kot, B. Joseph, K. K. Shew & D. J. Klemes & J. A. Turnbull

Sexual imprinting on ecologically divergent traits leads to sexual isolation in sticklebacks 2604
G. M. Kozak, M. L. Head & J. W. Boughman

Intraspecific evidence from guppies for correlated patterns of male and female genital trait diversification 2611
J. P. Evans, C. Gasparini, C. I. Hield, J. W. Rammarine, T. E. Pitcher & A. Piastro

Intuitive physical reasoning about occluded objects by inexperienced chicks 2621
C. Chabrol & C. Vallortigara

Interpopulation variation in a fish predator drives evolutionary divergence in prey in lakes 2628
M. R. Walsh & D. M. Pink

Sense and sensitivity: responsiveness to offspring signals varies with the parents' potential to breed again 2638
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 2646
R. D. Collins, A. Stewart-Jones, J. Dresbocourt, J. T. Staley, D. J. Wright & G. M. Poppy

Evidence for energy savings from aerial running in the Svalbard rock ptarmigan (Lagopus muta hyperborea) 2654

Variation in hippocampal morphology along an environmental gradient: controlling for the effects of day length 2662
T. C. Roth II, L. D. LaDage & V. P. Pravosudov

An island paradigm on the mainland: host population fragmentation impairs the community of avian pathogens 2668
M. Vogels, J. A. Bannas, S. Serrano, G. Blanco & J. L. Tella

Sil mating without inbreeding in the longhorn crazy ant 2677
M. Peary, M. A. D. Goodisman & L. Keller

Intra-pool competition and its implications for one of the biggest terrestrial predators, Tyrannosaurus rex 2682
C. Carbone, S. T. Turvey & J. Belby

Fluorescence of coral larvae predicts their settlement response to crustose coralline algae and reflects stress 2691
C. D. Kerkel, M. R. Taylor, J. Widmer, A. Salt & M. V. Matz

Failure to fix nitrogen by non-reproductive symbiotic rhizobia triggers host sanctions that reduce fitness of their reproductive clonemates 2698
R. Orno, C. G. Anderson & R. F. Denison