Review articles

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

Research articles

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

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 2575

The relationship between pink salmon biomass and the body condition of short-tailed seadwavers in the Bering Sea: can fish compete with seadwavers?
K. Toge, R. Yamashita, K. Kazama, M. Fukunaka, O. Yamamura & Y. Watanuki 2584

Adaptation improves discrimination of face identity
I. Ong & J. J. S. Barton 2591

Using knockout mutants to reveal the growth costs of defensive traits

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

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

Intuitive physical reasoning about occluded objects by inexperienced chicks
C. Chantell & C. Valiente 2621

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

Sense and sensitivity: responsiveness to offspring signals varies with the parents’ potential to breed again
R. Thorogood, J. G. Ewen & R. M. Kilner 2638

Parasitoids select plants more heavily infested with their caterpillar hosts: a new approach to aid interpretation of plant headspace volatiles
R. D. Colling, A. Stewart-Smiths, D. Heskingscorn, T. S. Staley, D. J. Wright & G. M. Poppy 2646

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

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