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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. Alt, R. S. Wilson & C. E. Franklin

The relationship between pink salmon biomass and the body condition of short-tailed seaduck
K. Toge, R. Yamashita, K. Kazama, M. Fukunaka, O. Yamamura & Y. Watanuki

Adaptation improves discrimination of face identity
I. Olug & J. J. Barton

Using knockout mutants to reveal the growth costs of defensive traits

Sexual imprinting on environmentally diverse 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

Intuitive physical reasoning about occluded objects by inexperienced chicks
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Interpopulation variation in a fish predator drives evolutionary divergence in prey in lakes
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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
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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
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An island paradigm on the mainland: host population fragmentation impairs the community of avian pathogens
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Sil mating without inbreeding in the longhorn crazy ant
M. Pears, M. A. D. Goodisman & L. Keller

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

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

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