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

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

Adaptation improves discrimination of face identity
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Using knockout mutants to reveal the growth costs of defensive traits
T. Zoë, B. Joseph, K. K. Shivasu, D. J. Kliebenstein & 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. Gasparini, G. I. Holwell, I. W. Ramnarine, T. E. Pitcher & A. Pilastro

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. Kömer

Parasitoids select plants more heavily infested with their caterpillar hosts: a new approach to aid interpretation of plant headspace volatiles
R. D. Oono, C. G. Anderson & R. F. Denison

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
C. C. Roth, J. D. DaVage & V. P. Pravosudov

An island paradigm on the mainland: host population fragmentation impairs the community of avian pathogens
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Sib mating without inbreeding in the longhorn crazy ant
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Intra-guild competition and its implications for one of the biggest terrestrial predators, Tyrannosaurus rex
C. Carbone, S. T. Turvey & J. Bielby

Fluorescence of coral larvae predicts their settlement response to crustose coralline algae and reflects stress
C. D. Kenkel, M. R. Traylor, J. Wiedenmann, A. Salih & 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