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Reelin and apolipoprotein E receptor 2 in the embryonic and mature brain: effects of an evolutionary change in the apoER2 gene
N. B. Myant

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Ecological constraints and benefits of philopatry promote group-living in a social but non-cooperatively breeding fish
M. Y. L. Wong

Vertical transmission as the key to the colonization of Madagascar by fungus-growing termites?
T. Neiner, P. Egyed, & D. R. Aanen

A look into the invisible: ultraviolet-B sensitivity in an insect (Calothrips phaseoli) revealed through a behavioural action spectrum
C. A. Mazza, M. M. Isaacson, J. Curiale, & C. B. Balaré

Lower limits of ornithischian dinosaur body size inferred from a new Upper Jurassic heterodontosaurid from North America
R. J. Butler, P. M. Gallon, L. B. Proos, L. M. Chieppa, D. M. Henderson, & G. M. Erickson

Evidence for modular evolution in a long-tailed pterosaur with a pterodactyloid skull
J. Liu, D. M. Unwin, X. Jin, Y. Liu & Q. Ji

Costly major histocompatibility complex signals produced only by reproductively active males, but not females, must be validated by a 'maleness signal' in three-spined sticklebacks
M. Nikolski, S. W. Griffins, T. E. Rousch & T. Bochm

Post-glacial redistribution and shifts in productivity of giant kelp forests
M. H. Graham, B. P. Kinlan, & R. K. Grosberg

Terrestrial transmission as the key to the colonization of Madagascar by fungus-growing termites?
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Evidence for modular evolution in a long-tailed pterosaur with a pterodactyloid skull
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Closely related histocompatibility complex signals produced only by reproductively active males, but not females, must be validated by a 'maleness signal' in three-spined sticklebacks
M. Nikolski, S. W. Griffins, T. E. Rousch & T. Bochm

Post-glacial redistribution and shifts in productivity of giant kelp forests
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Sea-specific chemical cues from immatures facilitate the evolution of mate guarding in Heliconius butterflies
C. Estrada, S. Yildizhan, S. Schulz, & C. L. Ballaré

Joint evolution of multiple social traits: a kin selection analysis
S. P. Brown & P. D. Taylor

Organic preservation of fossil musculature with ultracellular detail
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Words as alleles: connecting language evolution with Bayesian learners to models of genetic drift
F. Reali & T. L. Griffiths

Helping effort increases with relatedness in bell miners, but ‘unrelated’ helpers of both sexes still provide substantial care
J. Wright, P. G. McDonald, L. te Marvelde, A. J. N. Kazem, & C. M. Bishop

Juvenile sparrows preferentially eavesdrop on adult song interactions
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An inducible morphological defence is a passive by-product of behaviour in a marine snail
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Stochastic evolutionary dynamics of direct reciprocity
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Urban noise and the cultural evolution of bird songs
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History-dependent properties of skeletal muscle myofilaments contracting along the ascending limb of the force-length relationship
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Conservative ecological and evolutionary patterns in liverwort-fungal symbioses
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Evolution of box jellyfish (Cnidaria: Cubozoa), a group of highly toxic invertebrates
B. Bentlage, P. Cartwright, A. A. Yanagihara, C. Lewis, G. S. Richards, & A. G. Collins