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Ecological consequences of Late Quaternary extinctions of megafauna
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The role of natural environments in the evolution of resistance traits in pathogenic bacteria
J. L. Martínez

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Growing with siblings: a common ground for cooperation or for fiercer competition among plants?

Immunological serotype interactions and their effect on the epidemiological pattern of dengue
M. Becker, K. B. Blyan, C.-P. Simmons, T. T. Hien, B. Wills, J. Farrar & S. Gupta

A new basal hadrosaurid dinosaur from the Late Cretaceous of Uzbekistan and the early radiation of duck-billed dinosaurs
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A single origin of Batesian mimicry among hybridizing populations of admiral butterflies (Lininitis arthemis) rejects an evolutionary reversion to the ancestral phenotype
W. K. Savage & S. P. Mullen

Arthropod visual predators in the early pelagic ecosystem: evidence from the Burgess Shale and Chengjiang biotas
J. Vannier, D. C. García-Bellido, S.-X. Hu & A.-L. Chen

Evidence from the domestication of apple for the maintenance of autumn colours by coevolution
M. Archetti

Negative density-dependent emigration of males in an increasing red deer population
L. E. Loe, A. Mysterud, V. Veiberg & R. Langvatn

Strength determines coalitional strategies in humans

Reward quality influences the development of learned olfactory biases in honeybees
C. A. Wright, A. I. Choudhary & M. A. Bentley

Signatures of nitrogen limitation in the elemental composition of the proteins involved in the metabolic apparatus
C. Acquisti, S. Kumar & J. J. Elser

No sex in fungus-farming ants or their crops

Dietary-dependent trans-generational immune priming in an insect herbivore
D. Freitak, D. G. Heckel & H. Vogel

Many ways to be small: different environmental regulators of size generate distinct scaling relationships in Drosophila melanogaster
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Do ants make direct comparisons?
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Tensioning the helix: a mechanism for force generation in twining plants
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Social implications of the battle of the sexes: sexual harassment disrupts female sociality and social recognition
S. K. Darden, R. James, I. W. Rammarine & D. P. Croft

The scramble for Africa: pan-temperate elements on the African high mountains
B. Gehlke & H. P. Linder

Dinosaur diversity and the rock record
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Group differences in the heritability of items and test scores
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