Review articles

The chastity of amoebae: re-evaluating evidence for sex in amoeboid organisms

Correlations between genetic and behavioural dissimilarities in wild chimpanzees (Pan troglodytes) do not undermine the case for culture
S. J. Lygo, M. Callard & W. C. McGrew

Genetic differences cannot be excluded from generating behavioural differences among chimpanzee groups
K. E. Langergraber & L. Vigilant

Commentary on the chastity of amoebae: re-evaluating evidence for sex in amoeboid organisms
F. W. Speigel

Research articles

Dramatic colour changes in a bird of paradise caused by uniquely structured breast feather barbules
D. G. Stavenga, H. L. Leertouwer, N. J. Marshall & D. Osorio

Grip and limb force limits to turning performance in competition horses
H. Tan & A. M. Wilson

Bioluminescent signals spatially amplified by wavelength-specific diffusion through the shell of a marine snail
D. D. Dehoven & N. G. Wilson

Patterns, determinants and models of woody plant diversity in China
Z. Wang, J. Fang, Z. Tang & X. Sun

Anti-predator defence drives parallel morphological evolution in flea beetles
D. Ge, D. Chester, J. Gómez-Zurita, L. Zhang, X. Yang & A. P. Vogler

Visual information gleaned by observing grasping movement in allocentric and egocentric perspectives
F. Campanella, G. Sandini & M. C. Morrone

Alternative life histories in the Atlantic salmon: genetic covariances within the sneaker sexual tactic in males
D. J. Páez, L. Bernatchez & J. J. Dodson

The ‘spiteful’ origins of human cooperation
F. W. Spiegel

Male genotype influences female reproductive investment in Drosophila melanogaster
A. Pischoll, A. D. Stewart, M. K. Little & W. R. Rice

Population regulation of territorial species: both site dependence and interference mechanisms matter

Metapopulation dynamics of rabbits and the efficacy of vaccination
H. B. Reyer, E. Hamois, T. Leblo, S. Cleaveland, M. Kaeu & D. T. Haydon

Climate change correlates with rapid delays and advancements in reproductive timing in an amphibian community

The evolution of payoff matrices: providing incentives to cooperate
E. Alcyon & J. Roughgarden

Interpreting local visual features as a global shape requires awareness
D. S. Schrakampf & G. Eises

Host resistance and coevolution in spatially structured populations
A. Bov, S. Weble, A. White & M. Boen

Why do men seek status? Fitness payoffs to dominance and prestige
C. von Rueden, M. Gurven & H. Kaplan

Always on the bright side: the climbing mechanism of Galium aparine

Retractions

Benthivorous fish may go hungry on trawled seabed
S. Shephard, J. L. Thorley, D. Brophy, J. G. Hiddink, D. Stokes & D. G. Reid