Paedocypris, a new genus of Southeast Asian cyprinid fish with a remarkable sexual dimorphism, comprises the world’s smallest vertebrate.

M. Kottelat, R. Britz, T. H. Hui & K.-E. Witte

Alternative male reproductive tactics and the immunocompetence handicap in the Azorean rock-pool blenny, Parablennius parvicornis

A. F. H. Ros, N. Bouton, R. S. Santos & R. F. Oliveira

Strong assortative mating between allopatric sticklebacks as a by-product of adaptation to different environments

T. H. Vines & D. Schluter

Evidence for adaptive male mate choice in the fruit fly Drosophila melanogaster

P. C. Byrne & W. R. Rice

Outbreeding selects for spiteful cytoplasmic elements

J. Engelstädter & S. Chatlat

Phenotypic plasticity in the scaling of avian basal metabolic rate

A. E. McKechnie, R. P. Freckleton & W. Jetz

No extension of lifespan by ablation of germ line in Drosophila

A. I. Barnes, J. M. Boone, J. Jacobson, L. Partridge & T. Chapman

Red dominates black: agonistic signalling among head morphs in the colour polymorphic Gouldian finch

S. R. Pryke & S. C. Griffiths

Symmetrical crypsis and asymmetrical signalling in the cuttlefish Sepia officinalis

K. V. Langridge

The effects of floral mimics and models on each others’ fitness

B. Anderson & S. D. Johnson

Diverse staghorn corals (Acropora) in high-latitude Eocene assemblages: implications for the evolution of modern diversity patterns of reef corals

C. C. Wallace & B. R. Rosen

Convolution of slow-fast populations: evolutionary sliding, evolutionary pseudo-equilibria and complex Red Queen dynamics

F. Dercole, R. Ferrière, A. Gragnani & S. Rinaldi

Ecological divergence promotes the evolution of cryptic reproductive isolation

P. Nosil & B. J. Crespi

Phylogenetic and ecological determinants of the neotropical dawn chorus

K. S. Berg, R. T. Brumfield & V. Apanius

Mammals from space: fluctuating asymmetry, geographical information systems and animal conservation

C. P. Teixeira, A. Hirsch, H. Perini & R. J. Young

What’s in it for me? Self-regard precludes altruism and spite in chimpanzees

J. Jensen, B. Hare, J. Call & M. Tomasello

Parasites as causative agents of human affective disorders? The impact of anti-psychotic, mood-stabilizer and anti-parasite medication on Toxoplasma gondii’s ability to alter host behaviour

P. Webster, P. H. L. Lambert, C. A. Donnelly & E. E. Toney

Temperature-dependent transmission and latency of Holospora undulata, a micronucleus-specific parasite of the ciliate Paramecium caudatum

D. Fels & O. Kaltz