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


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. Engelstadter & S. Chatlat

Phenotypic plasticity in the scaling of avian basal metabolic rate. A. E. McKenie, R. P. Fecckleton & 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. Griffith

Symmetrical cryptic and asymmetrical signalling in the cuttlefish Sepia officinalis. K. V. Langridge

The effects of floral mimics and models on each other's 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. Ferreri, 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

Marsupials 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. K. 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. J. P. Webster, P. H. L. Lambertson, C. A. Donnelly & E. F. Toney

Temperature-dependent transmission and latency of Holospora undulata, a micronucleus-specific parasite of the ciliate Paramécium caudatum. D. Fels & O. Kaltz