Review. A window on the genetics of evolution: MC1R and plumage colouration in birds 1633
N. I. Mundy

Ravens, Corvus corax, differentiate between knowledgeable and ignorant competitors 1641
T. Bugnyar & B. Heinrich

The effect of host heterogeneity and parasite intragenomic interactions on parasite population structure 1647
B. Hamilton, M. Boots & S. Paterson

Alternative life histories shape brain gene expression profiles in males of the same population 1655

The loss of anti-predator behaviour following isolation on islands 1663
D. T. Blumstein & J. C. Daniel

Imitation dynamics predict vaccinating behaviour 1669
C. T. Bauch

Enhanced schooling performance in lateralized fishes 1677
A. Bisazza & M. Dadda

Females solicit sneakers to improve fertilization success in the bitterling fish (Rhodeus sericeus) 1683
C. Smith & M. Reichard

The hidden cost of information in collective foraging 1689

Geographical variation in sound production in the anemonefish Amphiprion akallopisos 1697
E. Parmentier, J.-P. Lagardère, P. Vandewalle & M. L. Fine

The evolution of fossoriality and the adaptive role of horns in the Mylagaulidae (Mammalia: Rodentia) 1705
S. S. B. Hopkins

Constitutive innate immunity is a component of the pace-of-life syndrome in tropical birds 1715
B. I. Tieleman, J. B. Williams, R. E. Ricklefs & K. C. Klasing

Gene essentiality and the topology of protein interaction networks 1721
S. Coulomb, M. Bauer, D. Bernard & M.-C. Marsoler-Kergoat

Biomass recycling and the origin of phenotype in fungal mycelia 1727
R. E. Falconer, J. L. Bow, N. A. White & J. W. Crawford

Climate change causing phase transitions of walleye pollock (Theragra chalcogramma) recruitment dynamics 1735
L. Cianelli, K. M. Bailey, K.-S. Chan, A. Belgrano & N. C. Stenseth