Characteristics, causes and evolutionary consequences of male-biased mutation
H. Ellegren

Disease control and its selection for damaging plant virus strains in vegetatively propagated staple food crops; a theoretical assessment
F. van den Bosch, M. J. Jeger & C. A. Gilligan

Learning the ecological niche
T. Slagsvold & K. L. Wiebe

Negotiation of mutualism: rhizobia and legumes
E. Abay & J. Roughgarden

Osp gene duplication and diversification in the guppy, a model for sexual selection
M. Hoffmann, N. Tripathi, S. R. Henz, A. K. Lindholm, D. Weigel, F. Breden & C. Dreger

Macroevolutionary dynamics in environmental space and the latitudinal diversity gradient in New World birds
J. A. F. Diniz-Filho, T. F. L. V. B. Rangel, L. M. Bini & B. A. Hawkins

Negotiations within the family over the supply of parental care
C. A. Hinde & R. M. Kilner

Experimentally induced change in infectious period affects transmission dynamics in a social group
D. Naug & B. Smith

Queen promiscuity lowers disease within honeybee colonies
T. D. Seeley & D. R. Tarpy

How does resource supply affect evolutionary diversification?
A. R. Hall & N. Colegrave

From record performance to hypoxia tolerance: respiratory transition in damselfish larvae settling on a coral reef

Metapopulation extinction risk is increased by environmental stochasticity and assemblage complexity
J. C. Bull, N. J. Pickup, B. Pickett, M. P. Hassell & M. B. Bonsall

Sexual dichromism and pigment localization in the wing scales of Pieris rapae butterflies
M. A. Giraldo & D. G. Stavenga

Increased genetic diversity as a defence against parasites is undermined by social parasites: Microdon mutabilis hoverflies infesting Formica lemani ant colonies
M. G. Gardner, K. Schönning, G. W. Elmes & J. A. Thomas

Host shift and speciation in a coral-feeding nudibranch
A. Fauci, R. J. Toonen & M. G. Hadfield

Human parental effort and environmental risk
R. J. Quinlan

Spatial and temporal dependencies of cross-orientation suppression in human vision
T. S. Meese & D. J. Holmes

Consequences of prenatal androgen exposure for the reproductive performance of female pheasants (Phasianus colchicus)
D. Rubolini, R. Martiell, N. von Engelhardt, M. Romano, T. G. G. Groothuis, M. Facola & N. Saino

Quantitative measure of sexual selection with respect to the operational sex ratio: a comparison of selection indices
S. C. Mills, A. Grapputo, E. Koskela & T. Mappes