22 September 2005

volume 1 · number 3 · pages 253–380

Biology Letters

253 Image content influences men's semen quality
S. J. Kilgallon & L. W. Simmons

256 Women's preference for dominant male odour: effects of menstrual cycle and relationship status
J. Havlicek, S. C. Roberts & J. Flegr

260 Genetic influences on variation in female orgasmic function: a twin study
K. M. Dunn, L. F. Cherkas & T. D. Spector

264 The multiple signals assessed by female satin bowerbirds: could they be used to narrow down males' choices of mates?
E. F. Robson, A. W. Goldizen & D. J. Green

268 Reversible switches between male–male and male–female mating behaviour by male damselflies
M. C. Andrade, L. Gu & J. A. Stoltz

271 Terminal reproductive effort in a marsupial
J. L. Isaac & C. N. Johnson

275 Novel male trait prolongs survival in suicidal mating
M. C. B. Andrade, L. Gu & J. A. Stoltz

278 Genetic diversity predicts pathogen resistance and cell-mediated immunocompetence in house finches
D. M. Hawley, K. V. Sydenstricker, C. V. Kollars & A. A. Dhondt

282 Continental variation in relative hippocampal volume in birds: the phylogenetic extent of the effect and the potential role of winter temperatures
L. Z. Garamszegi & J. R. Lucas

285 Feathers at nests are potential female signals in the spotless starling
J. P. Vega & V. Pölt

289 Why not walk faster?
J. R. Usherwood

293 Sensitivity to dimethyl sulphide suggests a mechanism for olfactory navigation by seabirds
G. A. Nevitt & F. Bonadonna

298 Ultraviolet vision and foraging in dip and plunge diving birds
O. Håstad, E. Ernstdotter & A. Ödeen

306 Ultraviolet vision and foraging in dip and plunge diving birds
O. Håstad, E. Ernstdotter & A. Ödeen

311 Ultraviolet reflecting photonic microstructures in the King Penguin beak
B. Dresp, P. Jouventin & K. Langley

315 Spatial encoding in mountain chickadees: features overshadow geometry

319 No sex difference in yolk steroid concentrations of avian eggs at laying
K. M. Pflug & A. Adams-Krueger & H. Schwabl

323 Livestock grazing affects the egg size of an insectivorous passerine
D. M. Evans, S. M. Redpath, S. A. Evans, D. A. Elston & P. Dennis

326 Genetic diversity predicts pathogen resistance and cell-mediated immunocompetence in house finches
D. M. Hawley, K. V. Sydenstricker, C. V. Kollars & A. A. Dhondt

333 Continental variation in relative hippocampal volume in birds: the phylogenetic extent of the effect and the potential role of winter temperatures
L. Z. Garamszegi & J. R. Lucas

336 Feathers at nests are potential female signals in the spotless starling
J. P. Vega & V. Pölt

341 Why not walk faster?
J. R. Usherwood

345 Different hunting strategies select for different weights in red deer
M. Martinez, C. Rodriguez-Vigal, G. R. Jones, T. Coulson & A. San Miguel

349 Eating without hands or tongue: specialization, elaboration and the evolution of prey processing mechanisms in cartilaginous fishes
M. N. Dean, C. D. Wilga & A. P. Summers

357 Extreme spatial variability in marine picoplankton and its consequences for interpreting Eulerian time-series
A. P. Martin, M. V. Zubkova, P. H. Burkill & R. J. Holland

362 Effects of Hurricane Charley on fish chorusing
J. V. Locascio & D. A. Mann

366 Costly parasite resistance: a genotype-dependent handicap in sand lizards?
M. Olsson, E. Wapstra & T. Uller

370 Differential sex allocation in sand lizards: bright males induce daughter production in a species with heteromorphic sex chromosomes
M. Olsson, E. Wapstra & T. Uller