

Behavioral Ecology

Female mating biases for bright ultraviolet iridescence in the butterfly
Eurema hecabe (Pieridae)

Darrell J. Kemp

1

Age- and tactic-related paternity success in male African elephants
H.B. Rasmussen, J.B.A. Okello, G. Wittenmyer, H.R. Siegismund, P. Arctander,
F. Vollrath, and I. Douglas-Hamilton

9

Digit ratios, secondary sexual characters and condition in barn swallows
Hirundo rustica

Amélie N. Dreiss, Carlos Navarro, Florentino de Lope, and Anders P. Møller

16

Host life-history strategies and the evolution of chick-killing by brood
parasitic offspring

Mark Broom, Graeme D. Ruxton, and Rebecca M. Kilner

22

Does predator swamping promote synchronous emergence of turtle
hatchlings among nests?

John K. Tucker, Gary L. Paukstis, and Fredric J. Janzen

35

Risk taking by singing males

A.P. Møller, J.T. Nielsen, and L.Z. Garamzegi

41

Do male ornaments signal immunity in the common yellowthroat?

Julia C. Garvin, Peter O. Dunn, Linda A. Whittingham, Douglas A. Steeber,
and Dennis Hasselquist

54

Effect of UV-reflecting markings on female mate-choice decisions in
Cosmophasis umbratica, a jumping spider from Singapore

Matthew L.M. Lim, Jingjing Li, and Daiqin Li

61

Spatial relatedness and brood parasitism in a female-philopatric bird
population

Peter Waldeck, Malte Andersson, Mikael Kilpi, and Markus Öst

67

Do 3-D predators attack the margins of 2-D selfish herds?

W.L. Romey, A.R. Walston, and P.J. Watt

74

Shared parental care is costly for nestlings of common cuckoos and their
great reed warbler hosts

Márk E. Hauber and Csaba Moskát

79

Early interactions with adults mediate the development of predator
defenses in guppies

Ben B. Chapman, Lesley J. Morrell, Tim G. Benton, and Jens Krause

87

Age-related decrease in male reproductive success and song quality in
Drosophila montana

Anneli Hoikkala, Mari Saarikettu, Janne S. Kotiaho, and Jaana O. Liumatainen

94

Getting rid of the cuckoo *Cuculus canorus* egg: why do hosts delay
rejection?

Anton Antonov, Bård G. Stokke, Arne Moksnes, and Eivind Røskoft

100

Nestling begging intensity and parental effort in relation to prelaying
carotenoid availability

Fabrice Helfenstein, Anne Berthouly, Marion Tanner, Filiz Karadas, and
Heinz Richner

108

Can hungry nestlings be trained to reduce their begging?

Uri Grodzinski, Ido Erev, and Arnon Lotem

116

The confusion effect—from neural networks to reduced predation risk

C.C. Ioannou, C.R. Tosh, L. Neville, and J. Krause

126

Increasing vulnerability to predation increases preference for the
scrounger foraging tactic

Kimberley J. Mathot and Luc-Alain Giraldeau

131

Home range size and overlap in female root voles: effects of season and
density

Katrine S. Hoset, Jean-François Le Galliard, Gry Gundersen, and Harald Steen

139

Ecological factors influencing the evolution of insects' chemical
defenses

John Skelhorn and Graeme D. Ruxton

146

The discounting-by-interruptions hypothesis: model and experiment

Samuel E. Henby, Allison Ostdiek, Erika Blackwell, Sarah Knutie, Aimee S.
Dunlap, and David W. Stephens

154

Density, social information, and space use in the common lizard (*Lacerta
vivipara*)

Julien Cote, Simon Boudsocq, and Jean Clobert

163

Correlates of reproductive success in male lizards of the alpine species
Iberolacerta cyreni

Alfredo Salvador, José A. Díaz, José P. Veiga, Paul Bloor, and Richard P. Brown

169

Preference polymorphism for coloration but no speciation in a population
of Lake Victoria cichlids

Inke van der Sluijs, Jacques J.M. van Alphen, and Ole Seehausen

177

Identifying a causal agent of sexual selection on weaponry in an insect

Clint D. Kelly

184

Mechanisms for aggregation in animals: rule success depends on
ecological variables

Lesley J. Morrell and Richard James

193

Preexisting behavior facilitated the loss of a sexual signal in the field
cricket *Teleogryllus oceanicus*

Nathan W. Bailey, Janelle R. McNabb, and Marlene Zuk

202

Are there benefits to being born asynchronously: an experimental test in a
social lizard

Geoffrey M. While and Erik Wapstra

208

The short-term regulation of foraging in harvester ants

Deborah M. Gordon, Susan Holmes, and Serban Nacu

217

Divergence of odorant signals within and between the two European
subspecies of the house mouse

Carole Smadja and Guila Ganem

223